

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

-
(51) Not classified / non classée (11) WO 2004/084606 (13) A2 (21) PCT/US2004/008059 (22) 17 Mar/mar 2004 (17.03.2004) (25) en (26) en (30) 60/454,684 17 Mar/mar 2003 US (17.03.2003) (30) 60/479,586 19 Jun/juin 2003 US (19.06.2003) (30) 60/483,061 30 Jun/juin 2003 US (30.06.2003) (30) 60/495,822 18 Aug/août 2003 US (18.08.2003) (30) 60/520,395 17 Nov/nov 2003 US (17.11.2003) (30) 60/537,350 20 Jan/jan 2004 US (20.01.2004) (43) 7 Oct/oct 2004 (07.10.2004) (54) • ENHANCED BOOLEAN PROCESSOR • PROCESSEUR BOOLEEN AMELIORE (71) UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE [US/US]; 9201 University City Boulevard, Charlotte, NC 28223-0001 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i> (72) KOCH, Kenneth, E., III; 409 Belvedere Lane, Waxhaw, NC 28173 (US). (74) WRIGHT, James, D.; Kennedy Covington Lobdell & Hickman, LLP, Hearst Tower, 47th Floor, 214 N. Tryon Street, Charlotte, NC 28202 (US). (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN VU YU ZA ZM ZW. (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 (30) 60/455,562 19 Mar/mar 2003 US (19.03.2003) (43) 7 Oct/oct 2004 (07.10.2004) (54) • HIGH SMSR UNIDIRECTIONAL ETCHED LASERS AND LOW BACK-REFLECTION PHOTONIC DEVICE • LASERS MORDANCES UNIDIRECTIONNELS A FORT SMSR, ET DISPOSITIF PHOTONIQUE A FAIBLE RETROREFLEXION (71) BINOPTICS CORPORATION [US/US]; 9 Brown Road, Ithaca, NY 14850 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i> (72, 75) BEHFAR, Alex, A. [US/US]; 115 Terraceview Drive, Ithaca, NY 14850 (US). SCHREMER, Alfred, T., Jr. [US/US]; 226 Mt. Pleasant Road, Freeville, NY 13068 (US). STAGARESCU, Cristian, B. [RO/US]; 100 W. Buffalo Street #1F, Ithaca, NY 14850 (US). (74) COOPER, George, M. et al. / etc.; Jones, Tullar & Cooper, P.C., P.O. Box 2266 Eads Station, Arlington, VA 22202 (US). (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN VU YU ZA ZM ZW. (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i> (72, 75) COOMBES, Daniel, J. [US/US]; 22W250 Glen Park Road, Glen Ellyn, IL 60137 (US). (74) GARRETT, Scott, M. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Fort Lauderdale, FL 33322 (US). (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN VU YU ZA ZM ZW. (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
(51) Not classified / non classée (11) WO 2004/084607 (13) A2 (21) PCT/US2004/008063 (22) 18 Mar/mar 2004 (18.03.2004)	(25) en (26) en (30) 10/391,920 19 Mar/mar 2003 US (19.03.2003) (43) 7 Oct/oct 2004 (07.10.2004) (54) • WIRELESS MESSAGING DEVICE WITH SELECTABLE SCROLL DISPLAY AND MESSAGE PRE-FETCH • DISPOSITIF DE MESSAGERIE SANS FIL A ECRAN DEROULANT SELECTIONNABLE ET PRE-SAISIE DES MESSAGES	(51) Not classified / non classée (11) WO 2004/084609 (13) A2 (21) PCT/US2004/008259 (22) 18 Mar/mar 2004 (18.03.2004) (25) en (26) en (30) 60/455,989 19 Mar/mar 2003 US (19.03.2003) (30) 10/798,792 11 Mar/mar 2004 US (11.03.2004) (43) 7 Oct/oct 2004 (07.10.2004) (54) • APPARATUS AND METHOD FOR PROVIDING A SLIDING DOOR MECHANISM • APPAREIL ET PROCEDE RELATIFS A UN MECANISME DE PORTE COULISSANTE (71) DELPI TECHNOLOGIES, INC. [US/US]; Legal Staff-M/C 480-410-202, P.O. Box 5052, Troy, MI 48007 (US). (72) ROGERS, Lloyd, W., Jr.; 53601 Wolf Drive, Shelby Twp., MI 48316 (US). CIAVAGLIA, Michael, A.; 825 Mohawk, Dearborn, MI 48124 (US). (74) McBAIN, Scott, A.; Delphi Technologies, Inc., P.O. Box 5052, Mail Code: 480-410-202, Troy, MI 48007 (US). (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM
-
- Declaration / Déclaration :
(r) for all designations / pour toutes les désignations
-

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 NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 2004/084610 (13) A2

(21) PCT/US2004/008264

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,751 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM, APPARATUS AND METHOD FOR STORAGE AND TRANSPORTATION OF PERSONAL HEALTH RECORDS

• SYSTEME, APPAREIL ET PROCEDE DE STOCKAGE ET DE TRANSFERT D'ARCHIVES MEDICALES PERSONNELLES

(71) BIO-IMAGING TECHNOLOGIES, INC. [US/US]; 826 Newton-Yardley Road, Newtown, PA 18940-1721 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANGST, Wendy, P. [US/US]; 918 Wawaset St., Wilmington, DE 19806 (US). HURTER, Jennifer, R. [US/US]; 145 Whitfield Dr., Toney, AL 35773 (US). DENTON, Judy, S. [US/US]; 7901 Esthaven Dr., Apt. 2, Huntsville, AL 35802 (US). DENTON, Ira, C. [US/US]; 7901 Westhaven Dr., Apt. 2, Huntsville, AL 35802 (US).

(74) SOUTO, Victor, F. et al. / etc.; Hale and Dorr LLP, The Willard Office Building, 1455 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

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

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

(51) Not classified / non classée

(11) WO 2004/084611 (13) A2

(21) PCT/US2004/008359

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,631 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOVABLE LUG NUT LOCKING APPARATUS, COVER, REMOVAL TOOL AND METHODS OF USE

• APPAREIL DE VERROUILLAGE D'UN ECROU A OREILLE AMOVIBLE, COUVERCLE, OUTIL DE RETRAIT ET PROCEDES D'UTILISATION CORRESPONDANTS

(71) CAGE INTERNATIONAL INC [US/US]; 121 Whittington Drive, Greenville, SC 29615 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) SAUNDERS, John, II; 121 Whittington Drive, Greenville, SC 29615 (US). SMITH, David, J.; 3321 Kline Street, Columbia, SC 29205 (US).

(74) ALEXANDER, Tony, D.; Technology Legal Counsel LLC, Post Office Box 1728, Evans, GA 30809 (US).

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

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

(51) Not classified / non classée

(11) WO 2004/084612 (13) A2

(21) PCT/US2004/008582

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,897 21 Mar/mar 2003 US (21.03.2003)

(30) 10/804,428 18 Mar/mar 2004 US (18.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WIRELESS NETWORK ENTERTAINMENT AND INFORMATION DEVICE

• DISPOSITIF DE DIVERTISSEMENT ET D'INFORMATION POUR RESEAU SANS FIL

(71) FLEXTRONICS INTERNATIONAL USA, INC. [US/US]; 2090 Fortune Drive, San Jose, CA 95131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) CANA, John-Paul, Pizana [US/US]; 2223 Spruce Circle, McKinney, TX 75071 (US). BRATHWAITE, Nicholas, Earle [US/US]; 28570 Barn Rock Drive, Hayward, CA 94542 (US). MEAGHER, Patrick, Louis [US/US]; 8125 Skyridge Drive, Plano, TX 75024 (US).

(74) KREBS, Robert, E. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San José, CA 95164-0640 (US).

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

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

(51) Not classified / non classée

(11) WO 2004/084613 (13) A2

(21) PCT/US2004/008757

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,809 22 Mar/mar 2003 US (22.03.2003)

(30) 10/804,577 19 Mar/mar 2004 US (19.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND SYSTEMS FOR INSTANTLY CLOSING BROWSER WINDOWS

• PROCEDES ET SYSTEMES POUR FERMER INSTANTANEMENT DES FENETRES DE NAVIGATEURS

(71, 72) CARSON, William, Nathaniel [US/US]; 1753 South 400 East, Salt Lake City, Utah 84115 (US).

(74) KRIEGER, Michael, F. et al. / etc.; Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT (US).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 2004/084614 (13) A2

(21) PCT/US2004/008759

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/400,997 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD AND DEVICE FOR ESTAB-
LISHING COMMUNICATION LINKS
AND FOR ESTIMATING OVERALL
QUALITY OF A DIRECTIONAL LINK
AND REPORTING TO OLSR IN A
COMMUNICATION SYSTEM

• PROCEDE ET DISPOSITIF POUR
L'ETABLISSEMENT DE LIAISONS
DE COMMUNICATION ET POUR
L'ESTIMATION DE LA QUALITE
GLOBALE D'UNE LIAISON DIRE-
CTIONNELLE ET L'ADRESSAGE DE
RAPPORTS AU PROTOCOLE OLSR
DANS UN SYSTEME DE COMMUNI-
CATION

- (71) HARRIS CORPORATION [US/US]; 1025
W. Nasa Boulevard, Melbourne, FL 32919
(US).

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

- (72) CAIN, Joseph, Bibb; 200 Melbourne Av-
enue, Indialantic, FL 32903 (US).

- (74) YATSKO, Michael, S. et al. / etc.; Har-
ris Corporation, 1025 W. NASA Blvd., Mel-
bourne, FL 32919 (US).

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

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

(51) Not classified / non classée

(11) WO 2004/084615 (13) A2

(21) PCT/US2004/008761

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) ME03A000008 21 Mar/mar 2003 IT
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • TOOL HOLDER

• PORTE-OUTIL

- (71) EUREKA S.R.L. [IT/IT]; 123 Corso Italia,
Acquedolci, I-98070 Messina (IT).

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

- (72, 75) SINDONA, Giuseppe [US/US]; 256
Crescent Place, Yonkers, NY 10704-1632
(US). SCAVONE, Benedetto [IT/IT]; 123
Corso Italia, Acquedolci, I-98070 Messina
(IT). DI LAPPI, Mauro [IT/IT]; Via Meucci
No. 6, Acquedolci, I-98070 Messina (IT).
CONDIPODARO, Marco [IT/IT]; Via Vit-
time di guerra No. 22, Acquedolci, I-98070
Messina (IT). PRINCIOITTA, Massimo
[IT/IT]; Via Pirandello No., Acquedolci,
I-98070 Messina (IT).

- (74) YOUNG, Andrew, F.; Lackenbach Siegel,
LLP, One Chase Road, Scarsdale, NY 10583
(US).

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

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

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

(u) for / pour US only / seulement

(51)⁷ A01B 63/32, 63/10

(11) WO 2004/084616 (13) A1

(21) PCT/EP2004/002360

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 13 175.2 25 Mar/mar 2003 DE
(25.03.2003)

(30) 103 13 176.0 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • AGRICULTURAL SOIL CULTIVATION
AND/OR SOWING COMBINATION

• SYSTEME AGRICOLE COMBINE DE
TRAVAIL DE LA TERRE ET DE COM-
MANDE

- (71) AMAZONEN-WERKE H. DREYER
GMBH & CO. KG [DE/DE]; Am Amazo-
nenwerk 9-13, 49205 Hasbergen-Gaste (DE).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) CHRISTOPHERSEN, Niels [DE/DE];
Max-Planck-Str. 12A, 27798 Hude (DE).
MIX, Arthur [DE/DE]; Gerhard-Haupt-
mannweg 15, 27798 Hude (DE). STEEN,
Rüdiger [DE/DE]; Hohenkamp 4, 27798
Hude (DE).

- (74) SCHUSTER, Thomas; Grünecker,
Kinkeldey, Stockmair & Schwanhäusser,
Maximilianstrasse 58, 80538 München (DE).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 17/00, E01C 19/20

(11) WO 2004/084617 (13) A1

(21) PCT/AT2003/000329

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) GM 206/2003 25 Mar/mar 2003 AT
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DEVICE FOR DISCHARGING A
POURABLE OR SPRINKABLE MA-
TERIAL

• DISPOSITIF POUR DÉBITER UNE MA-
TIÈRE APTE À L'ÉCOULEMENT OU
AU DISPERSEMENT

- (71) APV TECHNISCHE PRODUKTE
GES.M.B.H. [AT/AT]; Dallein 15, A-3753
Hötzelsdorf (AT).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SCHÖLS, Jürgen [AT/AT]; Dallein 15,
A-3753 Hötzeltsdorf (AT).

- (74) MIKSOVSKY, Alexander; Mikovsky
& Pollhammer OEG, Währinger Strasse 3,
A-1096 Wien (AT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

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

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

(51)⁷ A01D 57/02, 80/02

(11) WO 2004/084618 (13) A1

(21) PCT/EP2003/003035

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REEL TINE
• DENT DE RABATTEUR

(71, 72) SCHUMACHER, Gustav [DE/DE];
Gartenstrasse 8, 57612 Eichelhardt (DE).

(72, 75) SCHUMACHER, Friedrich-Wilhelm
[DE/DE]; Goldwiese 22, 57612 Eichelhardt
(DE).

(74) HARWARDT, Günther et al. / etc.; Patent
und Rechtsanwölte, Brandstrasse 10, 53721
Siegburg (DE).

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

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

(11) WO 2004/084619 (13) A2

(21) PCT/FR2004/050110

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03/03227 17 Mar/mar 2003 FR
(17.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADJUSTABLY BIODEGRADABLE
MATERIAL FOR A HORTICULTURAL
CONTAINER AND OVERPACKAGING
FOR CONTAINERS

• MATERIAU A BIODEGRADABILITE
AJUSTABLE NOTAMMENT POUR
CONTENANT D'HORTICULTURE ET
SUREMBALLAGE DE CONTENANTS

(71) ALLIANCE 47 [FR/FR]; ALLIANCE 47,
La Maltière, F-79300 Bressuire (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VARACHEZ, Jean-Pierre [FR/FR]; 3,
rue Etienne Moreau, F-86130 Jaunay-Clan
(FR). BARBIER, Jacques [FR/FR]; 24,
Allée des Foussettes, F-86360 Montamisé
(FR).

(74) POUCHUCQ, Bernard; AQUINOV, 12,
rue Condorcet, F-33150 Cenon (FR).

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

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

Declarations / Déclarations :

(t) for all designations / pour toutes les
désignations; (t) for the following designation /
pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ A01G 9/02

(11) WO 2004/084620 (13) A1

(21) PCT/JP2004/004230

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-85818 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLANT CULTURING CONTAINER
• POT DE CULTURE DE PLANTES

(71) SUNTORY LIMITED [JP/JP]; 1-40, Do-
jimahama 2-chome, Kita-ku, Osaka-shi,
Osaka, 5308203 (JP). SUNTORY FLOW-
ERS LIMITED [JP/JP]; 13-12, Hirakawacho
2-chome, Chiyoda-ku, Tokyo, 1020093 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HASHIMOTO, Masaki [JP/JP];
23-9, Shindo 3-chome, Ibaraki-shi, Os-
aka, 5670835 (JP). MIYAGAWA, Katsuro
[JP/JP]; 9-1-312, Magamicho 6-chome,
Takatsuki-shi, Osaka, 5691121 (JP).

(74) KITAMURA, Shuichiro; 8-1, Toyosaki
5-chome, Kita-ku, Osaka-shi, Osaka,
5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/02, 31/06, 9/12

(11) WO 2004/084621 (13) A1

(21) PCT/ES2004/000131

(22) 24 Mar/mar 2004 (24.03.2004)

(25) es (26) es

(30) U200300748 26 Mar/mar 2003 ES
(26.03.2003)

(30) U200300747 26 Mar/mar 2003 ES
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDROPONIC CULTURE DEVICE
FOR DOMESTIC AND/OR EDUCA-
TIONAL USE

• EQUIPEMENT DE CULTURE HYDRO-
PONIQUE A USAGE DOMESTIQUE
ET/OU POUR L'ENSEIGNEMENT

(71) NEW GROWING SYSTEMS, S.L.
[ES/ES]; Jardín de Medina, 2, E-04006
Almería (ES).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BELMONTE NAVARRO, Lorenzo
[ES/ES]; Jardín de Medina 2, E-04006
Almería (ES).

(74) GONZALEZ PALMERO, Fe; c/Sagasta, 4,
E-28004 Madrid (ES).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/08, 5/04

(11) WO 2004/084622 (13) A1

(21) PCT/SE2004/000424

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0300892-7 28 Mar/mar 2003 SE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SET OF TEATCUPS, AND A MILK-
ING MEMBER

- ENSEMBLE DE GOBELETS TRAYEURS ET ELEMENT DE TRAITE

(71) **DELAVAL HOLDING AB** [SE/SE]; P.O. Box 39, S-142 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASSIBRAHIM, Jan** [SE/SE]; Hundhamravägen 58, S-145 69 Norsborg (SE).

(74) **BJERKÉNS PATENTBYRA KB** et al. / etc.; Östermalmsgatan 58, S-114 50 Stockholm (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/02, E04H 5/08

(11) **WO 2004/084623** (13) A1

(21) PCT/DK2003/000868

(22) **19 Dec/déc 2003 (19.12.2003)**

(25) da (26) en

(30) BR 2003 00024 **18 Jan/jan 2003 (18.01.2003)** DK

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • STY PARTITIONING SECTION
- SECTION DE CLOISON POUR ETABLE A COCHONS

(71) **EGEBJERG MASKINFABRIK A/S** [DK/DK]; Egebjerg Hovedgade 27, DK-4500 Nykøbing Sj. (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASMUSSEN, Henrik** [DK/DK]; Egebjerg Hovedgade 25, DK-4500 Nykøbing Sj. (DK).

(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) **WO 2004/084624** (13) A1

(21) PCT/AU2004/000380

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 2003901421 **27 Mar/mar 2003 (27.03.2003)** AU

(30) 2003906956 **17 Dec/déc 2003 (17.12.2003)** AU

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • EQUINE FITNESS MONITORING
- CONTROLE DE LA FORME PHYSIQUE DE CHEVAUX

(71) **EQUITRONIC TECHNOLOGIES PTY LTD** [AU/AU]; 40a Foss Street, Bicton, W.A. 6157 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STUART, Andrew, Kevin** [AU/AU]; 40a Foss Street, Bicton, W.A. 6157 (AU).
EVANS, David [AU/AU]; 35 The Corso, Maroubra, New South Wales 2035 (AU).

(74) **HEISEY, Ross, Mitchell** et al. / etc.; Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084625** (13) A2

(21) PCT/US2004/008692

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,807 **22 Mar/mar 2003 (22.03.2003)** US

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • TAMPER RESISTANT WEIGHTED RODENT AND INSECT BAIT STATION
- POINT D'APPAT LESTE, INVOLABLE, POUR RONGEURS ET INSECTES

(71, 72) **ETHAN, Vickery** [US/US]; 804 Turnberry, Mansfield, TX 76063 (US).

(74) **PATRICK, Stellitano**; 2803 Inridge Dr., Austin, TX 78745 (US).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A01N

(11) **WO 2004/084626** (13) A2

(21) PCT/US2004/008306

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 10/392,745 **19 Mar/mar 2003 (19.03.2003)** US

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ANTIMICROBIAL COMPOSITIONS CONTAINING ETHANOLAMINE BUFFER AND BIGUANIDE DISINFECTANT
- COMPOSITIONS ANTIMICROBIENNES CONTENANT UN TAMPON A BASE D'ETHANOLAMINE ET UN DESINFECTANT A BASE DE BIGUANIDE

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HU, Zhenze** [US/US]; 28 Wenham Lane, Pittsford, NY 14534 (US).
SALAMONE, Joseph, C. [US/US]; 8 Woodcliff Terrace, Fairport, NY 14450 (US).

(74) **VACCA, Rita, D.** et al. / etc.; BAUSCH & LOMB INCORPORATED, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A01N

(11) **WO 2004/084627** (13) A2

(21) PCT/US2004/008411

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/394,989 **21 Mar/mar 2003 (21.03.2003)** US

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • CELLULOSE MATRIX ENCAPSULATION AND METHOD

- ENCAPSULATION DANS UNE MATRICE DE CELLULOSE ET PROCEDE ASSOCIE
- (71) **THE UNIVERSITY OF ALABAMA** [US/US]; 801 University Blvd., Tuscaloosa, AL 35487-0336 (US).
- (72) **HOLBREY, John, David**; 1925 Eighth Avenue, Apt. 2B, Tuscaloosa, AL 35401 (GB). **SPEAR, Scott, K.**; 302 County Road 49, Bankston, AL 35542 (US). **TURNER, Megan, B.**; 1220 14th Ave., Tuscaloosa, AL 35401 (US). **SWATLOSKI, Richard, Patrick**; P.O. Box 864882, Tuscaloosa, AL 35486 (US). **ROGERS, Robin, Don**; 32 Audubon Place, Tuscaloosa, AL 35401 (US).
- (74) **GAMSON, Edward, P.** et al. / etc.; Welsh & Katz, Ltd., 22nd Floor, 120 South Riverside Plaza, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A01N**
- (11) **WO 2004/084628** (13) **A2**
- (21) PCT/ZA2004/000031
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) 2003/2268 **24 Mar/mar 2003 ZA (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MICROBICIDAL COMPOSITION
- COMPOSITION MICROBIENNE
- (71) **AQUASOIL (PTY) LIMITED** [ZA/ZA]; Meerlus Building, 2nd Floor, 263D West Avenue Centurion, 0157 Pretoria (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DER MERWE, Pieter, Gideon** [ZA/ZA]; 36 Ieternago Street, Monument Park, 0181 Pretoria (ZA).
- (74) **DUNLOP, A., J., S.**, et al. / etc.; Hahn & Hahn Inc., 222 Richard Street, 0083 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/10**
- (11) **WO 2004/084630** (13) **A1**
- (21) PCT/US2004/007287
- (22) **10 Mar/mar 2004 (10.03.2004)**
- (25) en (26) en
- (30) 10/395,807 **24 Mar/mar 2003 US (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (54) • **HEAD LICE MEDICATION AND TREATMENT**
- **MEDICATION ET TRAITEMENT DES POUX DE LA TETE**
- (71) **SAFI, Bijan** [US/US]; 625 Park Avenue, 1st Floor, New York, NY 10021 (US).
- (74) **GOLUB, Daniel, H.**; 1701 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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) **A01N 25/32, 37/40, 37/44, C07C 229/60, 229/64, 235/46, 237/36, 237/44, 243/38, 255/53, 255/54, 255/55, 255/58, 255/59, 65/03**
- (11) **WO 2004/084631** (13) **A1**
- (21) PCT/EP2004/002797
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) de (26) de
- (30) 103 13 480.8 **26 Mar/mar 2003 DE (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **USE OF AROMATIC HYDROXY COMPOUNDS AS SAFENERS**
- **UTILISATION DE COMPOSÉS AROMATIQUES HYDROXY COMME PHYTOPROTECTEURS**
- (71) **BAYER CROPSCIENCE GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BICKERS, Udo** [DE/DE]; Südstrasse 2, 49835 Wietmarschen (DE). **WILLMS, Lothar** [DE/DE]; Königsteiner Strasse 50, 65719 Hofheim (DE). **HACKER, Erwin** [DE/DE]; Margarethenstrasse 16, 65239 Hochheim (DE). **ROSINGER, Christopher** [GB/DE]; Am Hochfeld 33, 65719 Hofheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/10**
- (11) **WO 2004/084630** (13) **A1**
- (21) PCT/US2004/007287
- (22) **10 Mar/mar 2004 (10.03.2004)**
- (25) en (26) en
- (30) 10/395,807 **24 Mar/mar 2003 US (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (54) • **HEAD LICE MEDICATION AND TREATMENT**
- **MEDICATION ET TRAITEMENT DES POUX DE LA TETE**
- (71) **SAFI, Bijan** [US/US]; 625 Park Avenue, 1st Floor, New York, NY 10021 (US).
- (74) **GOLUB, Daniel, H.**; 1701 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Published / Publiée : (c)

(51)⁷ A01N 37/06, C07C 69/618

(11) WO 2004/084632 (13) A1

(21) PCT/CN2004/000226

(22) 19 Mar/mar 2004 (19.03.2004)

(25) zh (26) zh

(30) 03120882.7 25 Mar/mar 2003 CN (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUNGICIDES CONTAINING METHOXY ACRYLIC ACID METHYL ESTER COMPOUND

• FONGICIDES CONTENANT UN COMPOSE D'ESTER METHYLE D'ACIDE ACRYLIQUE METHOXY

(71) ZHEJIANG CHEMICAL INDUSTRY RESEARCH INSTITUTE [CN/CN]; Yingmenkou Liuxia, Hangzhou, Zhejiang 310000 (CN).

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

(72, 75) XU, Tianming [CN/CN]; Yingmenkou Liuxia, Hangzhou, Zhejiang 310000 (CN). CHEN, Dinghua [CN/CN]; Yingmenkou Liuxia, Hangzhou, Zhejiang 310000 (CN). KONG, Xiaolin [CN/CN]; Yingmenkou Liuxia, Hangzhou, Zhejiang 310000 (CN). ZHU, Weigang [CN/CN]; Yingmenkou Liuxia, Hangzhou, Zhejiang 310000 (CN). ZHENG, Yunhong [CN/CN]; Yingmenkou Liuxia, Hangzhou, Zhejiang 310000 (CN).

(74) LECOME INTELLECTUAL PROPERTY AGENT LTD.; Rm. 306, 3/F., Quantum Silver Plaza, No.23 Zhichun Road, Haidian District, Beijing 100083 (BE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A01N 43/36, A61K 31/4015, C07D 207/12

(11) WO 2004/084633 (13) A1

(21) PCT/US2004/009000

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,050 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF 5-METHYL-N-ARYL-2-PYRROLIDONE AND 5-METHYL-N-ALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEVULINIC ACID WITH NITRO COMPOUNDS

• PRODUCTION DE 5-METHYL-N-ARYL-2-PYRROLIDONE ET DE 5-METHYL-N-ALKYL-2-PYRROLIDONE PAR AMINATION REDUCTRICE D'ACIDE LEVULINIQUE AVEC DES COMPOSES NITRO

(71) E.I. DUPONT 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) MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) FELTHAM, S., Neil; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A01N 43/40, 43/54, 43/66, C07D 401/04, 413/14

(11) WO 2004/084634 (13) A1

(21) PCT/IB2004/001075

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307268.3 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • N-PHENYL- (4-PYRIDYL)-AZINYL!AMINE DERIVATIVES AS PLANT PROTECTION AGENTS

• DERIVES DE N-PHENYL- (4-PYRIDYL)-AZINYL!AMINE COMME AGENTS PROTECTEURS DE PLANTES

(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Intellectual Property Department, Schwarzwaldallee 215, 4058 Basel (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACKERMANN, Peter [CH/CH]; Syngenta Crop Protection AG, 4058 Basel (CH). STIERLI, Daniel [CH/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). DIGGELMANN, Martin [CH/CH]; Syngenta Crop Protection AG, Scharzwaldallee 215, CH-4058 Basel (CH). CEDERBAUM, Fredrik, Emil, Malcolm [SE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). WENGER, Jean-Frederic [CH/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). TUTULAER, Gerardus, Theodorus, Maria [NL/NL]; c/o Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (NL).

(74) WATERMAN, John, Richard; Intellectual Property Department, Syngenta Limited, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/02, 3/06

(11) WO 2004/084635 (13) A1

(21) PCT/NL2004/000200

(22) 24 Mar/mar 2004 (24.03.2004)

(25) nl (26) en

(30) 1023001 24 Mar/mar 2003 NL (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR FORMING A DOUGH PORTION

• DISPOSITIF POUR FORMER UNE PORTION DE PATE

(71) KAAK, Johan, Hendrik, Bernard [NL/NL]; Rijksweg 273, NL-7011 DZ Gaanderen (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PASCH, Lothar [NL/NL]; Pr. Johan Frisohof 34, NL-7061 WV Terborg (NL).

(74) DE HOOP, Eric; c/o Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

- (51)⁷ A21D 2/26, 2/18, A23L 1/16, 1/10, 1/308,
1/305, A21D 2/36

(11) WO 2004/084636 (13) A1

(21) PCT/IT2004/000146

(22) 23 Mar/mar 2004 (23.03.2004)

(25) it (26) en

(30) RM2003A000127 24 Mar/mar 2003 IT
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FOOD COMPOSITION, FUNCTIONAL
PASTA PRODUCT WITH HIGH FIBRE
CONTENT DERIVED THEREFROM
AND PROCESS FOR THE PRODUCTION
THEREOF

- COMPOSITION ALIMENTAIRE,
PATES ALIMENTAIRES FONCTION-
NELLES A TENEUR ELEVEE EN
FIBRE DERIVEES DE CETTE COMPO-
SITION ET PROCEDE DE PRODUCTION
CORRESPONDANT

(71, 72) LEGNINI, Osvaldo [IT/IT]; Via Filetto,
16, I-66013 Chieti (IT).

(74) IANNONE, Carlo, Luigi et al. / etc.;
Ing. Barzanò & Zanardo Roma S.p.A., Via
Piemonte, 26, I-00187 Roma (IT).

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

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

Published / Publiée : (c)

- (51)⁷ A21D 2/36, 13/02

(11) WO 2004/084637 (13) A1

(21) PCT/IN2003/000069

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A HIGH FIBRE BISCUIT COMPOSI-
TION AND A PROCESS FOR PREPAR-
ING THE SAME

- COMPOSITION DE BISCUITS A
HAUTE TENEUR EN FIBRES ET PRO-
CEDE DE PREPARATION ASSOCIE

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, 110 001 New Delhi (IN).

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

(72, 75) SUDHA, Madhugiri, Lakshminarayan
[IN/IN]; Central Food Technological Re-
search Institute, Mysore, 570 013 Karnataka
(IN). VETRIMANI, Rathinam [IN/IN];
Central Food Technological Research In-
stitute, Mysore, 570 013 Karnataka (IN).
LEELAVATHI, Krishna, Rau [IN/IN];
Central Food Technological Research Insti-
tute, Mysore, 570 013 Karnataka (IN).

(74) RAMAKRISHNAN, Omana; KUMARAN
& SAGAR, 84-C, C6 Lane, Off Central Aven-
ue, 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 NA NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

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 A21D 8/04

(11) WO 2004/084638 (13) A1

(21) PCT/ES2004/070016

(22) 29 Mar/mar 2004 (29.03.2004)

(25) es (26) es

(30) P200300732 28 Mar/mar 2003 ES
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ENZYMATIC COMPOSITION FOR IM-
PROVING THE QUALITY OF BREAD
AND PASTRY DOUGHS

- COMPOSITION ENZYMATIQUE PER-
METTANT D'AMELIORER LA QUA-
LITE DES MASSES DE BOULANGE-
RIE ET DE PATISSERIE

(71) CONSEJO SUPERIOR DE INVESTI-
GACIONES CIENTÍFICAS [ES/ES]; C/
Serrano, 117, E-28006 MADRID (ES). Apli-
caciones Enzimáticas Alimentarias, SA
[ES/ES]; C/ CADIZ, N° 62, TERRASA,
E-08226 TERRASA (BARCELONA) (ES).
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les États désignés sauf US)

(72, 75) MOLINA ROSELL, Pilar [ES/ES];
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mentos, Consejo Superior de Investigaciones
Científicas, Apartado, 73, E-46100 Burjassot
(Valencia) (ES). SOLIS NADAL, Daniel,
Rafael [ES/ES]; Aplicaciones Enzimáticas
Alimentarias, SA, C/ Cadiz n° 62, E-08226
Terrasa (Barcelona) (ES).

(74) REPRESA SÁNCHEZ, Domingo; Consejo
Sup. Investig. Científicas, C/ Serrano, 113,
E-28006 MADRID (ES).

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

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

Published / Publiée : (c)

- (51)⁷ A21D 8/04, 2/22, 10/00

(11) WO 2004/084639 (13) A1

(21) PCT/IN2003/000078

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A SYNERGISTIC MIX COMPRISING
ASCORBIC ACID AND ENZYMES

- MELANGE SYNERGIQUE COMPRE-
NANT DE L'ACIDE ASCORBIQUE ET
DES ENZYMES

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) INDRANI, Dasappa [IN/IN]; Cen-
tral Food Technological Research Institute,
Mysore, Karnataka 570 013 (IN). PRAB-
HASANKAR, Pichan [IN/IN]; Central Food
Technological Research Institute, Mysore,
Karnataka 570 013 (IN). RAJIV, Jyotsna
[IN/IN]; Central Food Technological Re-
search Institute, Mysore, Karnataka 570
013 (IN). RAO, Gandham, Venkateswara
[IN/IN]; Central Food Technological Re-
search Institute, Mysore, Karnataka 570 013
(IN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A21D 13/00, A23L 1/0522, A23G 3/00

(11) WO 2004/084640 (13) A2

(21) PCT/EP2004/003267

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 032511962.1 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTIPURPOSE DRY MIX APPLICABLE IN SWEET AND SAVOURY FOOD APPLICATIONS

• MELANGE SEC POLYVALENT UTILISABLE DANS DES APPLICATIONS D'ALIMENTS SUCRES ET SALES

(71) **CERESTAR HOLDING B.V.** [NL/NL]; Nijverheidsstraat 1, P.O. Box 9, NL-4551 LA Sas van Gent (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SARNEEL, Frans, Johan** [NL/NL]; Boekweitstraat 16, NL-4574 RJ Zuiddorpe (NL). **PEREMANS, Johan, Augusta, Maria, Antoon** [BE/BE]; Laar 184 a, B-2180 Ekeren (BE).

(74) **WILKINSON, Stephen, John;** Stevens, Hewlett & Perkins, 1 St Augustine's Place, Bristol BS1 4UD (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A23G 3/00, A61K 7/16, 33/30, 35/78, 47/00, 47/20

(11) WO 2004/084641 (13) A1

(21) PCT/EP2003/012567

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 53 773.9 19 Nov/nov 2002 DE (19.11.2002)

(30) 103 30 026.0 3 Jul/juil 2003 DE (03.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF SWEETENER ACIDS FOR THE MICROBIOLOGICAL STABILISATION OF FOODSTUFFS, COSMETIC PRODUCTS, CONSUMER GOODS AND PHARMACEUTICAL PRODUCTS

• UTILISATION D'ACIDES EDULCORANTS POUR LA STABILISATION MICROBIOLOGIQUE DE PRODUITS ALIMENTAIRES, COSMETIQUES, ARTICLES DE PREMIERE NECESSITE ET PRODUITS PHARMACEUTIQUES

(71) **NUTRINOVA NUTRITION SPECIALTIES & FOOD INGREDIENTS GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt am Main (DE).

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

(72, 75) **RATHJEN, Susanne** [DE/DE]; Soderstrasse 67, 64287 Darmstadt (DE). **MERKT, Gerhard** [DE/DE]; Johannesallee 14, 65929 Frankfurt am Main (DE).

(74) **PATENTANWALTSSKANZLEI ZOUNEK et al.** / etc.; Industriepark Kalle-Albert, Rheingaustrasse 190-196, 65174 Wiesbaden (DE).

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

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

(51)⁷ A23G 3/00, A23L 1/236, 1/09

(11) WO 2004/084642 (13) A1

(21) PCT/IN2003/000080

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SYNERGISTIC SUGAR-FREE SYRUP COMPOSITION AND A PROCESS FOR PREPARING THE SAME

• COMPOSITION DE SIROP SANS SUCRE SYNERGETIQUE ET PROCEDE DE PREPARATION DE CETTE COMPOSITION

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) **RAMAKRISHNA, Chetana** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **REDDY, Yella, Reddy, Sunki** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) **GOPALAN, Deepak, Srinivas;** Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 058 (IN).

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

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

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG 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 A23J 3/16, A23L 1/305

(11) WO 2004/084643 (13) A1

(21) PCT/IN2003/000085

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTIPURPOSE READY-TO-USE HIGH PROTEIN SOY GRANULES AND A PROCESS FOR PREPARATION THEREOF

• GRANULES DE SOJA A HAUTE Teneur EN PROTEINES, PRETS A L'EMPLOI, MULTIFONCTIONNELS ET LEUR PROCEDE DE PREPARATION

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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- (72, 75) BHATTACHARYA, **Suvendu** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). RAMESH, **Thotadamoo** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). LATHA, **Rangasamay, Baby** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). RAO, **Appu, Rao, Gopala, Rao, Appu** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). PRAKASH, **Vishweshwariah** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A23K 1/14, 1/18

- (11) WO 2004/084644 (13) A1

- (21) PCT/EP2004/050355

- (22) 24 Mar/mar 2004 (24.03.2004)

- (25) en (26) en

- (30) PA 2003 00453 25 Mar/mar 2003 DK (25.03.2003)

- (30) PA 2003 01154 11 Aug/août 2003 DK (11.08.2003)

- (30) 60/494,082 12 Aug/août 2003 US (12.08.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHODOLOGIES FOR IMPROVING THE QUALITY OF MEAT, HEALTH STATUS OF ANIMALS AND IMPACT ON ENVIRONMENT

- METHODOLOGIES POUR AMELIORER LA QUALITE DE LA VIANDE, L'ETAT DE SANTE DES ANIMAUX ET L'IMPACT SUR L'ENVIRONNEMENT

- (71) DANMARKS JORDBRUGSFORSKNING (DANISH INSTITUTE OF AGRICULTURAL SCIENCES) [DK/DK]; Blichers Allé, P.O. Box 50, DK-8830 Tjele (DK). DEN KONGELIGE VETERINÆR- OG LANDBOHØJSKOLE (THE ROYAL VETERINARY AND AGRICULTURAL UNIVERSITY) [DK/DK]; Büllovsvej 17, DK-1870 Frederiksberg C (DK).

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

- (72, 75) HANSEN, **Laurits Lydehøj** [DK/DK]; Vingevej 33, Ørum, DK-8830 Tjele (DK). JENSEN, **Mogens T.** [DK/DK]; Hulbækvej 34, DK-8830 Tjele (DK). BYRNE, **Derek** [DK/DK]; Tagensvej 88, 3. th, DK-2200 Copenhagen N (DK). ROEPSTORFF, **Allan** [DK/DK]; Damhus Boulevard 88, DK-2610 Rødovre (DK). THAMSBORG, **Stig Milan** [DK/DK]; Ledreborg Allé 20, DK-2820 Gentofte (DK). MEJER, **Helena** [DK/DK]; Norsvej 9, 2. tv, DK-1916 Frederiksberg C (DK).

- (74) HØIBERG A/S; St. Kongensgade 59A, DK-1264 Copenhagen K (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

- (51)⁷ A23K 1/17, A23L 3/535, A61P 31/10, C02F 1/50, A61K 31/255, A01N 59/02, A61P 33/00, 31/04, 33/02

- (11) WO 2004/084645 (13) A2

- (21) PCT/GB2004/001408

- (22) 29 Mar/mar 2004 (29.03.2004)

- (25) en (26) en

- (30) 0307079.4 27 Mar/mar 2003 GB (27.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • USE OF ALLICIN AS PRESERVATIVE, AS DISINFECTANT, AS ANTIMICROBIAL OR AS BIOCIDAL AGENT

- UTILISATION D'ALLICINE COMME CONSERVATEUR, DESINFECTANT, ANTIMICROBIEN OU BIOCIDÉ

- (71) STONE ISLAND HOLDINGS LTD [GB/GB]; Half House, Military Road, Rye, East Sussex TN31 7NY (GB).

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

- (72, 75) BENNETT, **Norman, John** [GB/GB]; C/O Stone Island Holdings Ltd, Half House, Military Road, Rye, East Sussex TN31 7NY (GB). JOSLING, **Peter, David** [GB/GB]; C/O Stone Island Holdings Ltd, Half House, Military Road, Rye, East Sussex TN31 7NY (GB).

- (74) BROOKES BATCHELLOR LLP; 102-108 Clerkenwell Road, London EC1M 5SA (GB).

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

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

- (11) WO 2004/084646 (13) A2

- (21) PCT/IL2004/000264

- (22) 23 Mar/mar 2004 (23.03.2004)

- (25) en (26) en

- (30) 155132 27 Mar/mar 2003 IL (27.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • COSMETIC COMPOSITIONS COMPRISING PHYTOSTEROL ESTERS

- COMPOSITIONS COSMETIQUES COMPRENANT DES PHYTOSTEROLS ESTERIFIÉS

- (71) ENZYMOTEC LTD. [IL/IL]; 5 Hata'assia Street, P.O. Box 6, 23106 Migdal Haemek (IL).

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

- (72, 75) PLAT, **Dorit** [IL/IL]; P.O. Box 249, 17906 Shimshit (IL). HOTAM, **Elzaphan** [IL/IL]; 1 Sitvanit Street, 30900 Zichron Yaakov (IL). FARKASH, **Orly** [IL/IL]; P.O. Box 217, 17096 Shimshit (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (11) WO 2004/084647 (13) A2

- (21) PCT/US2004/008510

- (22) 19 Mar/mar 2004 (19.03.2004)

- (25) en (26) en

- (30) 60/456,900 **21 Mar/mar 2003** US
(**21.03.2003**)
- (30) 10/697,767 **30 Oct/oct 2003** US
(**30.10.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CUSTOM FOOD
• ALIMENT PERSONNALISE
- (71, 72) **SCHYDLOWSKY, Andrew** [US/US];
1028A Quinientos Street, Santa Barbara, CA
93103 (US).
- (74) **GWIN, Sanders, Jr., H.**; Fish & Richardson
P.C., P.A., 60 South Sixth Street, Suite 3300,
Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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**
- (11) **WO 2004/084648** (13) A2
- (21) PCT/US2004/008673
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) 60/456,899 **21 Mar/mar 2003** US
(**21.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PRODUCTION OF EDIBLE SUB-
STRATES
• PRODUCTION DE SUBSTRATS CO-
MESTIBLES
- (71) **DECOPAC, INC.** [US/US]; 5736 Main
Street, Minneapolis, MN 55432 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **WOODHOUSE, James, F.** [GB/GB];
18 Blueburn Drive, Simonside Park, Killing-
worth, Tyne & Wear NE12 6FZ (GB).
HOLTOM, Stan [GB/GB]; 5 Titchfield
Terrace, Ashington, Northumberland NE63
0FZ (GB). **BARKER, Dawn** [GB/GB]; 5,
Wansbeck Road, Ashington, Northumberland
NE63 8HZ (GB). **CANDLER, Andrew,
M.** [GB/GB]; 47 The Avenue, Loansdean,
Morpeth, Northumberland N261 2DF (GB).
WRIGHT, Angela [GB/GB]; 176 Newbig-
gin Road, Ashington, Northumberland NE63
0TL (GB). **METCALFE, Denise** [GB/GB];
2 Ashington Farm Cottage, Wansbeck Road,
Ashington NE63 8TN (GB). **RUSSELL,
John, R.** [GB/GB]; 11 Westlea, Bedlington,
Northumberland NE22 6DX (GB).
- (74) **GARDELLA, Greg, H.**; Fish & Richardson
P.C., P.A., 60 South Sixth Street, Suite 3300,
Minneapolis, MN 55402-1104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, A23G 3/00, 1/00**

(11) **WO 2004/084649** (13) A1

(21) PCT/EP2004/002490

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 0306736.0 **24 Mar/mar 2003** GB
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • GELLED FOOD PRODUCT WITH A
LIQUID CENTRE
• PRODUIT ALIMENTAIRE GELIFIE
DONT LE CENTRE EST LIQUIDE

(71) **NESTEC S.A.** [CH/CH]; Avenue Nestlé 55,
CH-1800 Vevey (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **HILL, Clare** [GB/GB]; 29 Staindale
Close, Rawcliffe, York YO30 5TU (GB). **DE
ACUTIS, Rodolfo** [IT/GB]; 29, Staindale
Close, Rawcliffe, York YO30 5TU (GB).

(74) **RAULINE, Mathilde**; Avenue Nestlé 55,
CH-1800 Vevey (CH).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK*

*MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL 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 **A23L 1/00**

(11) **WO 2004/084650** (13) A1

(21) PCT/JP2004/003953

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-86424 **26 Mar/mar 2003** JP
(**26.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD OF POWDERING NON-
SUGAR COMPONENT AND POWDER-
ING BASE
• PROCEDE DE PULVERISATION DE
COMPOSANT AUTRE QUE LE SUCRE
ET BASE DE PULVERISATION

(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) **KUBOTA, Michio** [JP/JP]; c/o
Kabushiki Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).
FUKUDA, Shigeharu [JP/JP]; c/o Kabushiki
Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).
MIYAKE, Toshio [JP/JP]; c/o Kabushiki
Kaisha Hayashibara, Seibutsu Kagaku
Kenkyujo, 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/064**

(11) **WO 2004/084651** (13) A1

(21) PCT/IN2003/000068

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A PROCESS FOR THE PREPARATION
OF CUSTARD APPLE JAM AND THE
CUSTARD APPLE JAM THUS OB-
TAINED
• PROCEDE DE PREPARATION DE
CONFITURE DE COEUR DE BOEUF

ET CONFITURE DE COEUR DE
BOEUF AINSI OBTENUE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) **VIJAYALAKSHMI, Manuswamy, Ramanujam** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **SHASHIREKHA, Mysore, Nanjarajurs** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **RAJARATHNAM, Somasundaram** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **BASKARAN, Revathy** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

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

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

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 A23L 1/212

(11) **WO 2004/084652** (13) A1

(21) PCT/DK2004/000191

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) PA 2003 00462 **26 Mar/mar 2003 DK (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD OF PRODUCING VEG-ETABLE PUREE**

• **PROCEDE DE PRODUCTION DE PUREE DE LEGUMES**

(71) **NOVOZYMES A/S** [DK/DK]; Krogshoejvej 36, Bagsvaerd 2880 (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGE, Niels, Erik, Krebs** [DK/DK]; Soendergaardsvej 39, Soeborg 2860 (DK). **KALUM, Lisbeth** [DK/DK]; Mosegaard Park 51, Vaerloese 3500 (DK). **ANDERSEN, Keld, Ejdrup**, [DK/DK]; Studiestraede 10, Holbaek 4300 (DK). **VILLET-TAZ, Jean-Claude** [CH/CH]; Haute Ecole Valaisanne, Applied R & D/Industrial Services, Route du Rawyl 47, 1950 Sion 2 (CH).

(74) **NOVOZYMES A/S; Patents, Krogshoejvej 36, Bagsvaerd 2880** (DK).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/212, 1/221, 1/224

(11) **WO 2004/084653** (13) A1

(21) PCT/IN2003/000087

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **A READY TO USE DRY ONION MIX COMPOSITION AND A PROCESS FOR PREPARING THE SAME**

• **COMPOSITION EN POUDRE DE MELANGE D'OIGNONS PRETE A L'EMPLOI ET SON PROCEDE DE PREPARATION**

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
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(72, 75) **DEBNATH, Sukumar** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **RASTOGI, Navin, Kumar** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **JAYAPRAKASHAN, Samkaramthadathil, Gangadhran** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **BHAT, Kodangala, Keshava** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **HEMAVATHY, Jayapal** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 A23L 1/22, A23P 1/04, A23L 1/222, 1/226, 1/30

(11) **WO 2004/084654** (13) A1

(21) PCT/IN2003/000086

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **A PROCESS FOR THE ENCAPSULATION OF GARCINIA EXTRACT**

• **PROCEDE D'ENCAPSULATION D'UN EXTRAIT DE GARCINIA**

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Chinnaswamy, Anandha** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **JAYAPRAKASHA, Guddadarangavvanahally, Krishnareddy** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **JENA, Bhabani, Sankar** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **BARHATE, Rajendrakumar, Suresh** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **JAYAPRAKASHAN, Samkaramthadathil, Gangadhran** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **RAGHAVARAO, Karumanchi, Sreesaila, Mallikarjuna** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A23L 1/307, 1/09, 1/236, 2/60, A61K 31/7016

(11) WO 2004/084655 (13) A1

(21) PCT/EP2004/003064

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03251833.4 24 Mar/mar 2003 EP (24.03.2003)

(30) 03254635.0 23 Jul/juil 2003 EP (23.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMESTIBLES CONTAINING ISOMALTULOSE AND TREHALULOSE FOR SUSTAINED CARBOHYDRATE ENERGY RELEASE AND REDUCED GLYCEMIC/INSULINEMIC RESPONSES, AND FOR PRESERVING OSMOLALITY

• PRODUITS COMESTIBLES RENFERMANT DE L'ISOMALTULOSE ET DE LA TREHALULOSE QUI PERMETTENT UNE LIBERATION SOUTENUE D'ENERGIE A PARTIR D'HYDRATES DE CARBONE, LIMITENT LES REACTIONS GLYCEMIQUES/INSULINEMIQUES ET PRESERVENT L'OSMOLALITE

(71) CERESTAR HOLDING B.V. [NL/NL]; Nijverheidsstraat 1, P.O. Box 9, NL-4551 LA Sas Van Gent (NL).

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

(72, 75) BROUNS, Fredericus, Johannes, Petrus, Henricus [NL/NL]; Sibberkerkstraat 38, NL-6301 AW Sibbe-Valkenburg (NL). SIMON, Jacques, Georges, Denis, Cénééré [FR/FR]; 11, rue Brissard, F-92140 Clamart (FR). BONNET, Didier, Charles, Robert [FR/BE]; 4, Clos du Abbé Froidure, B-1180 Uccle (BE). VANHEMELRIJCK, Jozef, Guido, Roza [BE/BE]; Landbeekstraat 10, B-1860 Meise (BE).

(74) WILKINSON, Stephen, John; Stevens, Hewlett & Perkins, 1 St Augustine's Place, Bristol BS1 4UD (GB).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L 1/48

(11) WO 2004/084656 (13) A1

(21) PCT/US2004/008613

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,261 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A NON-DAIRY WHIPPABLE FOOD PRODUCT

• PRODUIT ALIMENTAIRE NON LAITIER POUVANT ETRE FOUETTE

(71) RICH PRODUCTS CORPORATION [US/US]; One Robert Rich Way, Buffalo, NY 14213 (US).

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

(72, 75) FENDINGER, Andrew, G. [US/US]; 6943 Versailles Plank Road, North Evans, NY 14112 (US). JOSEPH, John, F. [US/US]; 4914 Meyer Road, Tonawanda, NY 14120 (US).

(74) KADLE, Ranjana 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A24B

(11) WO 2004/084657 (13) A2

(21) PCT/US2004/007767

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/393,529 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF EXPANDING TOBACCO USING STEAM

• PROCEDE DE GONFLEMENT DE TABAC A L'AIDE DE VAPEUR

(71) R.J. REYNOLDS TOBACCO COMPANY [US/US]; Bowman Gray Technical Center, 950 Reynolds Boulevard, P.O. Box 1487, Winston-Salem, NC 27102 (US).

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

(72, 75) POINDEXTER, Dale, Bowman [US/US]; 3500 Shady Grove Church Road, East Bend, NC 27018 (US). FLINCHUM, Jack, Gray, Jr. [US/US]; 217 Helsabeck Road, King, NC 27021 (US). STUMP, Franklin, Allan, Jr. [US/US]; 2721 Lockwood Drive, Winston-Salem, NC 27103 (US).

(74) HUMPHREY, Christopher, M. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

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

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

(51)⁷ A24B 3/08, 3/14, A61K 35/78

(11) WO 2004/084658 (13) A1

(21) PCT/CN2003/000310

(22) 28 Apr/avr 2003 (28.04.2003)

(25) zh (26) zh

(30) 03113984.1 26 Mar/mar 2003 CN (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF GANODERMA IN THE PRODUCTION OF TOBACCO

• UTILISATION DE GANODERME DANS LA PRODUCTION DE TABAC

(71, 72) SONG, Heqing [CN/CN]; Room 1904, Emperor Group Centre, 288 Hennessy Rd, Hong Kong (CN).

(74) GUANGZHOU ZHIYOU PATENT AGENCY CO., LTD.; 7F., Building No. 60, 100 XianLie Rd. Central, Guangzhou, Guangdong 510070 (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 A24F 23/04, 23/02

(11) WO 2004/084659 (13) A1

(21) PCT/AU2004/000292

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 2003100214 24 Mar/mar 2003 AU
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SMOKER'S POUCH
• BLAGUE A TABAC(71) THE RIGHT INVENTIONS PTY LTD
[AU/AU]; 10 Sichter Street, Sarina, QLD
4737 (AU).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WRIGHT, Liam, Cole [AU/AU]; 10
Sichter Street, Sarina, QLD 4737 (AU).(74) CULLEN & CO.; Level 26, 239 George
Street, Brisbane, QLD 4001 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 25/00

(11) WO 2004/084660 (13) A1

(21) PCT/US2004/006747

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 60/455,931 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPENSING CONTAINER
• RECIPIENT DISTRIBUTEUR(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, New
York 10022 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) QUINTARD, Daniel [FR/FR]; 12 Res-
idence "Le Chant des Oiseaux", F-78160
Marly-le-Roi (FR). LALANNE, Jacques
[FR/FR]; 26 Rue Maurice Barres, F-60200
Compiègne (FR). GUGLIELMINI,
Bernard [FR/FR]; 10 Rue Jean-Philippe
Rameau, F-21800 Crimolois (FR).(74) MC GREAL, Michael, J.; Colgate-Palmo-
live Company, 909 River Road, Piscataway,
New Jersey 08855 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MGMK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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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designations(t) for all designations / pour toutes les
designations(51)⁷ A41B

(11) WO 2004/084661 (13) A2

(21) PCT/US2004/008363

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,307 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEMS AND METHODS FOR IM-
PROVED APPAREL FIT• SYSTEMES ET PROCEDES POUR UN
MEILLEUR AJUSTEMENT DE VETE-
MENT(71) MBRIO, LLC [US/US]; 17304 Preston
Road, Suite 550, Dallas, TX 75252 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72) LEE, Cricket; 100 Mountain Top Road,
Sante Fe, NM 87505 (US).(74) GLASER, Kenneth, R. et al. / etc.; Gardere
Wynne Sewell LLP, 1601 Elm Street, Suite
3000, Dallas, TX 75201 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A41F

(11) WO 2004/084662 (13) A2

(21) PCT/US2004/008867

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,612 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HANGER

• CROCHET DE SUSPENSION

(71, 72) KAPLAN, Alvin [US/US]; 18 Wood
Crest Drive, Armonk, NY (US).(74) DELJUIDICE, Louis, J. et al. / etc.; Darby
& Darby P.C., P.O. Box 5257, New York, NY
10150-5257 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A41H

(11) WO 2004/084663 (13) A2

(21) PCT/US2004/008740

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,593 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GARMENTS HAVING EDIBLE COM-
PONENTS AND METHODS FOR MAK-
ING SAME• VETEMENTS COMPRENANT DES
COMPOSANTS COMESTIBLES ET
PROCEDES DE FABRICATION(71) TASTYWEAR [US/US]; 11425 S. Bowles
Place, No. 308, Littleton, CO 80127 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72) BRINK, Jeffrey, H.; 11368 W. Radcliff
Drive, Littleton, CO 80127 (US).(74) YASKANIN, Mark, L. et al. / etc.; Sheridan
Ross P.C., 1560 Broadway, Suite 1200, Den-
ver, CO 80202-5141 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A42B

(11) WO 2004/084664 (13) A2

(21) PCT/CA2004/000444

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,927 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/520,641 18 Nov/nov 2003 US
(18.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEAD PROTECTOR

• SYSTEME DE PROTECTION DE TETE

(71) MED-ENG SYSTEMS INC. [CA/CA];
2400 St. Laurent Boulevard, Ottawa, Ontario
K1G 6C4 (CA).

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les États désignés sauf US)*

(72, 75) MAKRIS, Aristidis [CA/CA]; 8 Glee-
son Way, Ottawa, Ontario K2J 5A2 (CA).
GRILLAS, Athanasios [CA/CA]; 13 Glee-
son Way, Ottawa, Ontario K2J 5A2 (CA).
MITRIC, Bratislav [CA/CA]; 604-199
Kent St., Ottawa, Ontario K2P 2K8 (CA).
FISHER, Geoffrey [CA/CA]; 909-321
Waverley St., Ottawa, Ontario K2P 0W2
(CA). SOBEL, Jay [CA/CA]; 46 Sum-
merwind Cres., Ottawa, Ontario K2G 6G5
(CA). WHITE, Julia [CA/CA]; 200 Black-
dome Cres., Kanata, Ontario K2T 1A6 (CA).
MYLES, Justin, E. [CA/CA]; 6100 8th Line,
Carlsbad Springs, Ontario K0A 1K0 (CA).
VADEBONCOEUR, Maxime [CA/CA];
163 rue Dollard-des Ormeaux, Gatineau,
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[CA/CA]; 3203 Carriage Hill Place, Ottawa,
ONTARIO K1T 3X2 (CA). FARRELL, Rod
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K2E 7H1 (CA). KALAAM, Shaik [CA/CA];
803-2851 Baycrest Dr., Ottawa, Ontario K1V
8V7 (CA). HEDGE, Clint [CA/CA]; 13665
Locks Rd., RR 3, Chesterville, Ontario K0C
1H0 (CA). BORTOT, Peter [CA/CA]; 5427
Taylor Way, Osgood, Ontario K0A 2W0
(CA). PFLANZ, Simon [CA/CA]; 10146
Clark Rd., Mountain, Ontario K0E 1S0
(CA). LECLERC, Gilles [CA/CA]; 4 Leber,
Aylmer, Quebec J9H 1C5 (CA). PAGE,
Daniel [CA/CA]; 1409 - 158B MacArthur,
Ottawa, Ontario K1L 8C9 (CA).

(74) STONE, Olivier, A. 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 A42B 3/22

(11) WO 2004/084665 (13) A2

(21) PCT/GB2004/001395

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en

(26) en

(30) 0307111.5 27 Mar/mar 2003 GB
(27.03.2003)

(30) 0324880.4 24 Oct/oct 2003 GB
(24.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESPIRATOR

• RESPIRATEUR

(71) HELMET INTEGRATED SYSTEMS
LIMITED [GB/GB]; Unit 3, Focus 4, Fourth
Avenue, Letchworth, Hertfordshire SG6 2TU
(GB).

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

(72, 75) CHURCH, Colin [GB/GB]; Helmet
Integrated Systems Limited, Unit 3, Focus
4, Fourth Avenue, Letchworth, Hertfordshire
SG6 2TU (GB). DAMPNEY, Ian, Trevor
[GB/GB]; Helmet Integrated Systems Limite,
Unit 3, Focus 4, Fourth Avenue, Letchworth,
Hertfordshire SG6 2TU (GB).

(74) MOIR, Michael, Christopher et al. / etc.;
Mathys & Squire, 100 Gray's Inn Road, Lon-
don WC1X 8AL (GB).

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

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

(11) WO 2004/084666 (13) A2

(21) PCT/US2004/008075

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/396,755 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOOTWEAR FOR FEET BEAUTIFICA-
TION

• ARTICLE CHAUSSANT POUR
L'EMBELLISSEMENT DU PIED

(71, 72) HOLLIS-LORENT, Katrina [US/US];
9040 Harratt Street #26, Los Angeles, Cali-
fornia 90069 (US).

(74) ALTMAN, Daniel, E.; 2040 Main Street,
Fourteenth Floor, Irvine, California 92614
(US).

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

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

(11) WO 2004/084667 (13) A2

(21) PCT/US2004/008849

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/394,585 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STABLE FOOTWEAR THAT ACCOM-
MODATES SHEAR FORCES

• CHAUSSURE STABLE TENANT
COMPTE DES FORCES DE CISAILLE-
MENT

(71) REEBOK INTERNATIONAL LTD.
[US/US]; 1895 J.W. Foster Boulevard, Can-
ton, MA 02021 (US).

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

(72, 75) LACORAZZA, David [US/US]; c/o
Reebok International Ltd., 1895 J.W. Foster
Boulevard, Canton, MA 02021 (US). DAVIS,
Paul, M. [US/US]; c/o Reebok International
Ltd., 1895 J.W. Foster Boulevard, Canton,
MA 02021 (US).

(74) CORNWELL, DAVID, K.S. et al. / etc.;
STERNE, KESSLER, GOLDSTEIN & FOX
P.L.L.C., 1100 New York Avenue, N.W.,
Washington, DC 20005 (US).

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

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

Declarations / Déclarations :

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

(t) *for all designations / pour toutes les
designations*

(51)⁷ **A43B 23/24, 3/00, G09F 21/02, 19/00, 23/00, 7/04**

(11) **WO 2004/084668** (13) A1

(21) PCT/IB2004/050317

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 2003/2277 **24 Mar/mar 2003 ZA (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SHOE ACCESSORY

• ACCESSOIRE POUR CHAUSSURE

(71, 72) **MAY, Allan Robert** [ZA/ZA]; 48 Market Street, Johannesburg North, 2194 Randburg

(74) **D M KISCH, INC.**; P.O. Box 781218, 2146 Sandton (ZA).

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

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

Published / Publiée : (c)

(51)⁷ **A44C**

(11) **WO 2004/084669** (13) A2

(21) PCT/US2004/008860

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/456,973 **24 Mar/mar 2003 US (24.03.2003)**

(30) 10/662,048 **11 Sep/sep 2003 US (11.09.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • JEWELRY WITH A ROTATABLE MESSAGE DISK

• BIJOU AVEC DISQUE PORTE-MESSAGE ROTATIF

(71) **MOSI CREATIONS INC** [CA/US]; 48 West 48th Street, Suite 405, New York, NY 10036 (US).

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

(72, 75) **MOSI, Pourmehdi** [CA/US]; 70 Overlook Terrace, Roslyn Heights, NY 11577 (US).

(74) **SOFFER, Joseph, et al.** / etc.; Sofer & Haroun LLP, 317 Madison Avenue, Suite 910, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) **WO 2004/084670** (13) A2

(21) PCT/US2004/006299

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) en (26) en

(30) 10/392,522 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SELECTIVELY ROTATABLE HANDLE ASSEMBLY FOR TOWABLE LUGGAGE

• ENSEMBLE POIGNEE SELECTIVE-MENT ROTATIVE POUR BAGAGE REMORQUABLE

(71) **TUMI, INC.** [US/US]; 1001 Durham Avenue, South Plainfield, NJ 07080 (US).

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

(72, 75) **SCICLUNA, Paul, V.** [US/US]; 977 Oakland Avenue, Penndel, PA 19047 (US). **FENTON, Timm, J.** [US/US]; 3 Nitzer Avenue, Lebanon, NJ 08833 (US).

(74) **BUTTER, Gary, M.**; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, A47C 7/00**

(11) **WO 2004/084671** (13) A1

(21) PCT/CN2004/000260

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) zh (26) zh

(30) 03121438.X **27 Mar/mar 2003 CN (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SUPPORT FOR SLEEPING IN TRAVEL

• SUPPORT POUR DORMIR EN VOYAGE

(71, 72) **CHEN, Jianquan** [CN/CN]; Bureau of Statistics of Lianhua County, Jiangxi 337100 (CN).

(74) **BEIJING SANYOU INTELLECTUAL PROPERTY AGENCY LTD.**; No. 40 North Sanhuanzhonglu Road, Beijing City 100088 (CN).

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

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

(51)⁷ **A45F 3/04, E01H 1/08, A47L 5/14**

(11) **WO 2004/084672** (13) A1

(21) PCT/SE2004/000433

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 0300849-7 **25 Mar/mar 2003 SE (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HARNESS FOR A BLOWER

• HARNAIS POUR SOUFFLANTE DORSALE

(71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; S-105 45 Stockholm (SE).

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

(72, 75) **SJÖGREN, Anna** [SE/SE]; Runnavägen 2, S-554 46 Jönköping (SE). **LARSSON, Andreas** [SE/SE]; Esperyd, S-578 92 Aneby (SE).

(74) **LILJEGREN, Fredrik**; AB Electrolux, Group Intellectual Property, S-105 45 Stockholm (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/04, 17/08**

(11) **WO 2004/084673** (13) A1

(21) PCT/US2004/006801

(22) **5 Mar/mar 2004 (05.03.2004)**

(25) en (26) en

(30) 10/392,453 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FINGER-MOUNTED TOOTHBRUSH
• BROSSE A DENTS MONTEE SUR DOIGT

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, New York 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SARKAR, Anand [IN/IN]; Post Village: Mashila Pin Code 711302, Via Andul Mouri, PS-Sankrail, Dist. Howrah, West Bengal (IN). GOLDFINE, Henry [US/US]; 28 Chandler Road, Edison, NJ 08820-2633 (US).

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

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁶ A46B 13/02

(11) WO 2004/084674 (13) A1

(21) PCT/JP1994/000468

(22) 24 Mar/mar 1994 (24.03.1994)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ELECTRIC TOOTHBRUSH
• BROSSE A DENTS ELECTRIQUE

(71, 72) YUKAWA, Kazuhiko [JP/JP]; 339, Gosanjyou-cho, Hikone-shi, Shiga 522 (JP). KAWAMOTO, Yoji [JP/JP]; 222-12, Hirata-cho, Hikone-shi, Shiga 522 (JP).

(74) ISHIDA, Choshichi et al. / etc.; Mainichi-Osaka kaikan Kitakan, 5th Floor, 6-16, Dojima 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).

(81) US.

Published / Publiée : (e): 09Apr/avr 1996 (09.04.1996), 5504959

(51)⁷ A47B 3/08

(11) WO 2004/084675 (13) A1

(21) PCT/EP2004/000691

(22) 27 Jan/jan 2004 (27.01.2004)

(25) de (26) de

(30) 103 13 024.1 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • TABLE WITH TWO FOLDING LEG ELEMENTS

- TABLE MUNIE DE DEUX ELEMENTS DE PIEDS PLIANTS

(71, 72) FÖRDERREUTHER, Bruno [CH/CH]; Soodstrasse 44, CH-8134 Adliswil (CH).

(74) KURIG, Thomas; Bavariastrasse 7, 80336 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 96/02, 96/06, 96/14, A47F 7/14

(11) WO 2004/084676 (13) A1

(21) PCT/AU2004/000377

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901437 27 Mar/mar 2003 AU (27.03.2003)

(30) 2003905273 26 Sep/sep 2003 AU (26.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SHELIVING APPARATUS
• APPAREIL DE RAYONNAGE

(71) WATER VALVES AUSTRALIA PTY LTD [AU/AU]; PO BOX 6080, RINGWOOD EAST, Victoria 3135 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEIGH, Jim [AU/AU]; c/- WATER VALVES AUSTRALIA PTY LTD, PO BOX 6080, RINGWOOD EAST, 3135 (AU).

(74) EARLEY, Martin et al. / etc.; Pipers Patent and Trade Mark Attorneys, Lvl 18, 500 Collins St, Melbourne, Victoria 3000 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/12, 3/02

(11) WO 2004/084677 (13) A1

(21) PCT/JP2004/000752

(22) 28 Jan/jan 2004 (28.01.2004)

(25) ja (26) ja

(30) 03107958.X 27 Mar/mar 2003 CN (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SWING STOWED-TYPE CHAIR
• CHAISE OSCILLANTE DE TYPE FIXE

(71) KOTOBUKI CORPORATION [JP/JP]; 2-12, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJISAWA, Minoru [JP/JP]; c/o Koto-buki Corporation, 2-12, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).

(74) SUGIMURA, Kosaku; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/14

(11) WO 2004/084678 (13) A1

(21) PCT/CN2004/000251

(22) 25 Mar/mar 2004 (25.03.2004)

(25) zh (26) zh

(30) 03216835.7 25 Mar/mar 2003 CN (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A STEELWIRE-HOOK MODE WEB SHEET
• TREILLIS A FILS D'ACIER ACCROCHES

(71, 72) LENG, Luhao [CN/CN]; Xiamen New Technology Integration Co., Ltd, 139 West Fanghu Road, Fanghu Industry District, Xiamen, Fujian 361009 (CN).

(74) SHOUCHUANG JUNHE PATENT AGENT CO., LTD. XIAMEN; 5F, Labour Force Market Building, No.191 Changqing Road, Xiamen, Fujian 361012 (CN).

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

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

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

(51)⁷ A47C 27/00

(11) WO 2004/084679 (13) A1

(21) PCT/JP2003/012363

(22) 26 Sep/sep 2003 (26.09.2003)

(25) ja (26) ja

(30) 2003-085794 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CUSHION AND METHOD OF EVALUATING THE CUSHION

• COUSSIN ET SON PROCEDE D'EVALUATION

(71) ERGOSEATING CO., LTD. [JP/JP]; 40-2-404, Takadanobaba 4-chome, Sinjuku-ku, Tokyo 169-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NORO, Kageyu [JP/JP]; 40-2-404, Takadanobaba 4-chome, Sinjuku-ku, Tokyo 169-0075 (JP). OYAMA, Hideki [JP/JP]; 10-24-205, Kotesasi-cho 4-chome, Tokorozawa-shi, Saitama 359-1141 (JP).

(74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Building, 8-14, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47D 1/02

(11) WO 2004/084680 (13) A1

(21) PCT/GB2004/001393

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307202.2 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGHCHAIRS

• CHAISES HAUTES

(71) HANDLEY KUESTER LIMITED [GB/GB]; Handley House, Saint Thomas Street, Deddington, Banbury, Oxfordshire OX15 0SY (GB).

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

(72, 75) KUESTER, Stephen, Michael [GB/GB]; 27 Broad Field Road, Yarnton, Kidlington, Oxfordshire OX5 1UL (GB).

(74) COLES, Graham, Frederick; Graham Coles & Co, 24 Seeleys Road, Beaconsfield, Buckinghamshire HP9 1SZ (GB).

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

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

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(51)⁷ A47F

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(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/456,142 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BRACKET FOR HANGING ARTICLES

• SUPPORT PERMETTANT DE SUSPENDRE DES ARTICLES

(71, 72) RIVELLINO, Ernest [US/US]; 5591 NW 3rd Terrace, Boca Raton, FL 33487 (US). RIVELLINO, Michael [US/US]; 283 Columbine Street, Suite 140, Denver, CO 80206 (US).

(74) PASSLER, Mark, D.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/04

(11) WO 2004/084682 (13) A1

(21) PCT/EP2004/002851

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03251839.1 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REFRIGERATED DISPLAY AND DISPENSING ASSEMBLY

• SYSTEME D'AFFICHAGE ET DE DISTRIBUTION REFRIGERE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG 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 SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).

(only for / seulement pour IN)

(72, 75) BEKS, Petrus, Martinus, Leonardus, Franciscus [NL/NL]; Laan door de Veste 17, NL-57088 ZZ Helmond (NL). BIRKETT, Richard, John [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). JANSSEN, Martinus, Johannes, Petrus [NL/NL]; Meidoorn 9, Lage Dijk 22, NL-5757 Liesse (NL). UIJEN, Wilhelmus, Adrianus, Theodorus [NL/MX]; Unilever Mexico, Av. Rio Consulado No. 721, Col Santa Ma Insurgentes, Del. Cuauhtemoc, Mexico, D.F. 06430 (MX). VOS, Roland, Thijs [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, P.O. Box 114, NL-3130 AC Vlaardingen (NL).

(74) THACKER, Michael; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

(11) WO 2004/084683 (13) A1

(21) PCT/EP2004/000119

(22) 10 Jan/jan 2004 (10.01.2004)

(25) de (26) de

(30) 203 04 873.3 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MIRROR

• MIROIR

(71) GLAS PLATZ GMBH & CO. KG [DE/DE]; Auf den Pöhlen 5, 51674 Wiehl-Bomig (DE).

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

(72, 75) **PLATZ, Karl Otto** [DE/DE]; Auf den Pöhlen 5, 51674 Wiehl-Bomig (DE).

(74) **DALLMEYER, Georg et al.** / etc.; Bahnhofsvorplatz 1, Deichmannhaus am Dom, 50667 Köln Köln (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/10**

(11) **WO 2004/084684** (13) A1

(21) PCT/IT2003/000178

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) it (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **PILLOW SUITABLE FOR WOMEN'S BODY**

• **OREILLER POUR MORPHOLOGIE FEMININE**

(71, 72) **DAZZI, Cecilia** [IT/IT]; Arco S. Margherita, 1, I-00186 Roma (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/08**

(11) **WO 2004/084685** (13) A1

(21) PCT/GB2004/001388

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 0306803.8 **25 Mar/mar 2003 GB (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **TRAY**

• **PLATEAU**

(71, 72) **DICKENS, Anthony** [GB/GB]; Unit 8a, 20-30 Wilds Rents, London SE1 4QG (GB).

(74) **GREY, Ian et al.** / etc.; Venner, Shipley LLP, 20 Little Britain, London EC1A 7DH (GB).

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

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

(11) **WO 2004/084686** (13) A1

(21) PCT/KR2003/000870

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

(25) en (26) en

(30) 10-2003-0019323 **27 Mar/mar 2003 KR (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **RED GINSENG MAKER AND OPERATION METHOD THEREOF**

• **APPAREIL DE FABRICATION DE GINSENG ROUGE ET PROCEDE D'UTILISATION CORRESPONDANT**

(71, 72) **KIM, Hong-Taek** [KR/KR]; 2-309, Bongsung Apt., 622, ShinAm-Dong, Dong-Ku, Daegu 701-010 (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 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) **A47J 31/44**

(11) **WO 2004/084687** (13) A1

(21) PCT/EP2004/002749

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) fr (26) fr

(30) 03006569.2 **24 Mar/mar 2003 EP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **DISPOSABLE PACKAGING FOR THE DISTRIBUTION OF A LIQUID PREPARATION PUMPED BY A VENTURI-EFFECT DEVICE**

• **EMBALLAGE JETABLE POUR LA DISTRIBUTION D'UNE PREPARATION LIQUIDE POMPABLE PAR UN DISPOSITIF A EFFET VENTURI**

(71) **NESTEC SA** [CH/CH]; Avenue Nestlé 55, CH-1800, Vevey (CH).

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

(72, 75) **MOCK, Elmar** [CH/CH]; Rue Haute 23, 2013 Colombier (CH). **KLOPFENSTEIN, André** [CH/CH]; Chemin de Rondans 37a, CH-2520 La Neuveville (CH). **SIMONT-VERMOT, Emmanuel** [CH/CH]; Fontaine-André 30, CH-2000 Neuchâtel (CH).

(74) **ICB; Ingénieurs Conseils en Brevets SA**, Rue des Sors 7, CH-2074 Marin (CH).

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

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

(51)⁷ **A47J 31/44, B01F 15/02**

(11) **WO 2004/084688** (13) A1

(21) PCT/EP2004/002750

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) fr (26) fr

(30) 03006556.9 **24 Mar/mar 2003 EP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **DEVICE FOR PUMPING A LIQUID FROM A PACKAGING OR A CONTAINER**

• **DISPOSITIF POUR POMPER UN LIQUIDE A PARTIR D'UN EMBALLAGE OU D'UN CONTAINER**

(71) **NESTEC SA** [CH/CH]; Avenue Nestlé 55, CH-1800 Vevey (CH).

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

(72, 75) **KLOPFENSTEIN, André** [CH/CH]; Chemin de Rondans 37a, CH-2520 La Neuveville (CH). **MOCK, Elmar** [CH/CH]; Rue Haute 23, CH-2013 Colombier (CH). **BITMEAD, Naomi** [AU/CH]; Brüggbühlstrasse 101, CH-3172 Niederwangen (CH). **SIMONT-VERMOT, Emmanuel** [CH/CH]; Fontaine-André 30, CH-2000 Neuchâtel (CH).

(74) **I.C.B.; Ingénieurs Conseils en Brevet S.A.**, Rue des Sors 7, CH-2074 Marin (CH).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/54

(11) WO 2004/084689 (13) A1

(21) PCT/EP2004/002660

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) VE2003U000004 27 Mar/mar 2003 IT
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BOILER, IN PARTICULAR FOR COFFEE MACHINES

• CHAUDIERE, NOTAMMENT DESTINÉE A DES MACHINES A CAFE

(71) I.R.C.A. S.P.A. INDUSTRIA RESISTENZE CORAZZATE E AFFINI [IT/IT]; Viale Venezia, I-31020 San Vendemiano (IT).

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

(72, 75) COLOMBO, Roberto [IT/IT]; Viale Venezia, 34, I-31020 San Vendemiano (IT).

(74) PIOVESANA, Paolo; Corso del Popolo, 70, I-30172- Venezia Mestre (IT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 36/02

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(21) PCT/US2004/006403

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/395,453 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOODWARE WITH A TARNISH-RESISTANT CERAMIC COATING AND METHOD OF MAKING

• ARTICLE DE CUISINE DOTE D'UN REVETEMENT CERAMIQUE RESISTANT AU TERNISSEMENT ET PROCEDE DE FABRICATION

(71) NATIONAL MATERIAL L.P. [US/US]; 1965 Pratt Boulevard, Elk Grove Village, IL 60007 (US).

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

(72, 75) GE, Molly, Mo, Hui [US/US]; 3112 Daniels Court, Arlington Heights, IL 60004 (US).

(74) PRIOR, Patricia, L. et al. / etc.; Dinsmore & Shohl, LLP, One Dayton Centre -Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 37/08

(11) WO 2004/084691 (13) A2

(21) PCT/IB2004/000872

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/397,418 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTOMATIC TOASTER APPARATUS

• GRILLE-PAIN AUTOMATIQUE

(71) AAC TRADE LTD. [US/US]; 177 Main Street, Suite 358, Fort Lee, NJ 07024 (US).

(72) LAVI, Josef; 177 Main Street, Suite 358, Fort Lee, NJ 07024 (US). COHEN, Eli; Moshav Tzur Moshe, 42810 Lev HaSharon (IL).

(74) O'BYRNE, Daniel; Modiano Josif Pisanty & Staub, Baaderstrasse 3, 80469 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 43/25

(11) WO 2004/084692 (13) A1

(21) PCT/IB2004/000909

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/397,730 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SHREDDING APPLIANCE FOR SHREDDING VEGETABLES OR OTHER FOOD ARTICLES

• BROYEUR DE LEGUMES OU D'AUTRES PRODUITS ALIMEN-
TAIRES

(71) AAC TRADE LTD. [US/US]; 177 Main Street, Suite 358, Fort Lee, NJ 07024 (US).

(72) LAVI, Josef; 177 Main Street, Suite 358, Fort Lee, NJ 07024 (US). COHEN, Eli; Moshav Tzur Moshe, 42810 Lev HaSharon (IL).

(74) O'BYRNE, Daniel; Modiano Josif Pisanty & Staub, Baaderstrasse 3, 80469 Munich (DE).

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

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

(51)⁷ A47K 4/00

(11) WO 2004/084693 (13) A1

(21) PCT/EP2004/003059

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 13 270.8 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUNCTIONAL WALL ELEMENT AND FUNCTIONAL MODULE FOR SANITARY INSTALLATIONS THEREFROM PRODUCED AND KIT FOR PRODUCING SUCH SANITARY INSTALLATIONS

• PANNEAU PREFABRIQUE FONCTIONNEL ET MODULE FONCTIONNEL FABRIQUE A PARTIR DUDIT PANNEAU POUR INSTALLATIONS

SANITAIRES AINSI QUE JEU DE
PIECES STRUCTURALES POUR LA
FABRICATION D'INSTALLATIONS
SANITAIRES DE CE TYPE

(71) **VILLEROY & BOCH AG** [DE/DE];
Saarferstrasse 14-18, 66693 Mettlach (DE).
**KUNSTSTOFFTECHNIK SCHEDEL
GMBH** [DE/DE]; Oelsnitzer Strasse 55,
08223 Falkenstein (DE).
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les États désignés sauf US)*

(72, 75) **DIJKHUIZEN, Okko, Kornelis**
[NL/NL]; Mensinghewegen 14, NL-9301
KA Roden (NL). **WEBER, Udo** [DE/DE];
Oelsieker Strasse 84, 08223 Falkenstein
(DE).

(74) **KEIL & SCHAAFHAUSEN**; Cronstetten-
strasse 66, 60322 Frankfurt am Main (DE).

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

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

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(51)⁷ **A47K 10/38**

(11) **WO 2004/084694** (13) A2

(21) PCT/GB2004/001205

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 0306796.4 **25 Mar/mar 2003 GB
(25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROLL DISPENSER

• DISTRIBUTEUR DE ROULEAU

(71, 72) **GARDNER, Robert, James** [GB/GB];
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sex CB11 4QL (GB).

(74) **BRITTER, Keith, Palmer**; Britter and Co.,
Enterprise House, 14b Whitehorse Street,
Baldock, Hertfordshire SG7 6QN (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 **A47K 11/00, A46B 11/00, B25G 3/20,
A47L 13/512**

(11) **WO 2004/084695** (13) A1

(21) PCT/EP2004/002795

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) de (26) de

(30) 103 13 778.5 **27 Mar/mar 2003 DE
(27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR FASTENING A FIRST
OBJECT TO A SECOND HAN-
DLE-SHAPED OBJECT

• DISPOSITIF POUR FIXER UN PRE-
MIER OBJET A UN DEUXIEME OBJET
DE FORME ALLONGEE

(71) **HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN** [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **JANSCHUK, Theo** [DE/DE]; Hein-
rich-Könn-Str. 36, 40625 Düsseldorf (DE).
MÜHLHAUSEN, Hans-Georg [DE/DE];
Schimmelpfennigstr. 61, 40597 Düsseldorf
(DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 **A47K 11/00**

(11) **WO 2004/084696** (13) A2

(21) PCT/US2004/008562

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,292 **20 Mar/mar 2003 US
(20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A HYGIENE STATION FOR INDIVIDU-
ALS

• STATION HYGIENIQUE POUR INDIVI-
DUS

(71) **REGENTS OF THE UNIVERSITY OF
MICHIGAN** [US/US]; 3003 S. State Street,
Ann Arbor, MI 48109-1280 (US).

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

(72, 75) **SAMUELS, Allen** [US/US]; 3998 Rams
Gate Ct, Ann Arbor, MI 48103 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ **A47K 11/10**

(11) **WO 2004/084697** (13) A1

(21) PCT/EP2004/002794

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) de (26) de

(30) 103 13 777.7 **27 Mar/mar 2003 DE
(27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR DISPENSING AT LEAST
ONE WATER-SOLUBLE ACTIVE SUB-
STANCE ONTO A CLEANING BRUSH

• DISPOSITIF DELIVRANT AU MOINS
UNE SUBSTANCE SOLUBLE DANS
L'EAU A UNE BROSSSE DE NET-
TOYAGE

(71) **HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN** [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **JANSCHUK, Theo** [DE/DE]; Hein-
rich-Könn-Str. 36, 40625 Düsseldorf (DE).
MÜHLHAUSEN, Hans-Georg [DE/DE];
Schimmelpfennigstr. 61, 40597 Düssel-
dorf (DE). **KURANDT, Daniela** [DE/DE];
Am Wehrhahn 57, 40211 Düsseldorf (DE).
MENKE, Ronald [DE/DE]; Nietzschestr.
9, 40822 Mettmann (DE). **PRAUS, Gerd**
[DE/DE]; Alte Neusser Str. 42c, 47807
Krefeld (DE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A47L**

(11) **WO 2004/084698** (13) A2

(21) PCT/US2004/005553

(22) **23 Feb/fév 2004 (23.02.2004)**

(25) en (26) en

(30) 60/448,994 21 Feb/fév 2003 US
(21.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROLYTIC CELL FOR SURFACE AND POINT OF USE DISINFECTION
• CELLULE D'ELECTROLYSE UTILE POUR LA DESINFECTION DES SURFACES ET SUR LE LIEU D'UTILISATION

(71) MIOX CORPORATION [US/US]; 5500 Midway Park Place, N.E., Albuquerque, NM 87109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) HERRINGTON, Rodney, E.; 8631 Glenridge Place N.W., Albuquerque, NM 87114 (US).

(74) PEACOCK, Deborah, A.; Peacock Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47L 15/00

(11) WO 2004/084699 (13) A2

(21) PCT/IB2004/000877

(22) 24 Mar/mar 2004 (24.03.2004)

(25) it (26) en

(30) TO2003A000214 24 Mar/mar 2003 IT
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WASHING MACHINE WITH A DISPENSER FOR A DIVERSIFIED DISPENSING OF WASHING AGENTS, AND A DEVICE AND METHOD FOR IMPLEMENTATION THEREOF

• MACHINE A LAVER COMPORTANT UN DISTRIBUTEUR POUR LA DISTRIBUTION DIVERSIFIEE D'AGENTS DE LAVAGE, AINSI QUE DISPOSITIF ET PROCEDE POUR LA MISE EN OEUVRE DE CETTE DISTRIBUTION

(71) MERLONI ELETTRODOMESTICI S.P.A. [IT/IT]; Viale A. Merloni, 47, I-60044 Fabriano (IT).

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

(72, 75) MARCHITTO, Giuseppe [IT/IT]; Via Città di Gap 16, I-10064 Pinerolo (IT). GAU-
DIANO, Nicola [IT/IT]; Via Peyron 15, I-10143 Torino (IT). FARANO, Michele [IT/IT]; Via Rubino 76, I-10137 Torino (IT).

(74) DINI, Roberto; Merloni Elettrodomestici S.p.A., Ufficio Brevetti e Marchi, Via Pinerolo, 25, I-10060 None (IT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A47L 21/04, 17/00

(11) WO 2004/084700 (13) A1

(21) PCT/IB2004/000847

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003/2262 24 Mar/mar 2003 ZA
(24.03.2003)

(30) 2003/4284 2 Jun/juin 2003 ZA
(02.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A COOKING ACCESSORY CLEANING APPARATUS

• DISPOSITIF DE NETTOYAGE D'ACCESSOIRE DE CUISINE

(71, 72) LÜES, Diederick, Jacobus [ZA/ZA]; 115 Dieffenbachia Street, 0118 Karenpark (ZA).

(74) RUSSELL, Claire, Louise; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

(11) WO 2004/084701 (13) A2

(21) PCT/IB2004/000911

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,786 26 Mar/mar 2003 US
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOCKING BONE PLATE

• PLAQUE VISSEE VERROUILLABLE

(71) SWISS ORTHOPEDIC SOLUTIONS SA [CH/CH]; Rathausgasse 4, CH-3280 Morat (CH).

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

(72, 75) YOUNG, Robert, Allan [US/US]; 18 Heron Hill Drive, Downingtown, PA 19335 (US).

(74) MOETTELI, John; Moeteli & Associés SARL, Case Postale 486, CH-1211 Genève 12 (CH).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HU IE IT LU MC NL PL 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

(11) WO 2004/084702 (13) A2

(21) PCT/US2004/006939

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/384,252 7 Mar/mar 2003 US
(07.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR
TRACKING INSERTION DEPTH

• PROCEDE ET DISPOSITIF DE
DETECTION DE PROFONDEUR
D'INSERTION

(63) US 10/384,252 (CIP)
7 Mar/mar 2003 (07.03.2003)(71) NEOGUIDE SYSTEMS, INC. [US/US];
548 Division Street, Campbell, CA 95008
(US).

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

(72, 75) WHITIN, Katherine [US/US]; 31 Ha-
ciendas Drive, Woodside, CA 94062 (US).
OHLIN, Robert, M. [US/US]; 330 Nimitz
Avenue, Redwood City, CA 94061 (US).
BELSON, Amir [IL/US]; Apt. C, 20070 Ro-
drigues Avenue, Cupertino, CA 95014 (US).
ROTH, Alex [US/US]; 1354 Regent Street,
Redwood City, CA 94061 (US). ARNE,
Lawrence, W. [US/US]; 24 Fulton Street,
Redwood City, CA 94062 (US).

(74) GLENN, Benjamin; Wilson Sonsini
Goodrich & Rosati, 650 Page Mill Road,
Palo Alto, CA 94304 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084703 (13) A2

(21) PCT/US2004/006956

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 60/457,148 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEMPORARY EMBOLIZATION USING
INVERSE THERMOSENSITIVE POLY-
MERS

• EMBOLISATION TEMPORAIRE EF-
FECTUEE A L'AIDE DE POLYMERES

THERMOSENSIBLES REVERSIBLES
A ACTION MOMENTANEE

(71) BIOSPHERE MEDICAL [US/US]; 1050
Hingham Street, Rockland, MA 02370-1052
(US).

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

(72, 75) SCHWARZ, Alexander [DE/US];
20 John Street #3, Brookline, MA 02446
(US). RAYMOND, Jean [—/CA]; Radiol-
ogy Department CHUM Research Center,
Notre-Dame Hospital, 1560 Sherbrooke East,
Montreal, Quebec H2L 4M1 (CA).

(74) GORDON, Dana, M. et al. / etc.; Patent
Group, Foley Hoag LLP, Seaport Trade
Center West, 155 Seaport Boulevard, Boston, MA
02210-2600 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084704 (13) A2

(21) PCT/US2004/007008

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/395,779 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR IMPLANTATION
INTO BONE

• DISPOSITIF POUR IMPLANTATION
OSSEUSE

(71) THE CLEVELAND CLINIC FOUNDA-
TION [US/US]; 9500 Euclid Avenue, Cleve-
land, OH 44195 (US).

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

(72) LIEBERMAN, Isador, H.; 28280 Red
Raven Road, Pepper Pike, OH 44124 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084705 (13) A2

(21) PCT/US2004/008346

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/455,553 19 Mar/mar 2003 US
(19.03.2003)(30) 60/455,591 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • QUANTITATIVE DETECTION OF H.
PYLORI IN BIOLOGICAL SAMPLES

• DETECTION QUANTITATIVE DE H.
PYLORI DANS DES ECHANTILLONS
BIOLOGIQUES

(71) UNIFORMED SERVICES UNIVERSITY
OF THE HEALTH SCIENCES [US/US];
4301 Jones Bridge Road, Bethesda, MD
20814 (US).

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

(72, 75) DOI, Sonia [US/US]; 14036 Jump Drive,
Germantown, MD 28074 (US). DUBOIS,
Andre [US/US]; 10017 Frederick Avenue,
Kensington, MD 20895 (US). LIU, Hui
[US/US]; 18107 Black Gold Way, Boyds,
MD 20841 (US).

(74) REMENICK, James et al. / etc.; Morri-
son & Foerster LLP, 1650 Tyson's Blvd., Suite
300, McLean, VA 22102 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084706 (13) A2

(21) PCT/US2004/008470

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,131 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPOSABLE SCALPEL

• SCALPEL JETABLE

(71) SANDEL MEDICAL INDUSTRIES LLC
[US/US]; 9540 DeSoto Avenue, Chatsworth,
CA 91311 (US).

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

(72, 75) SANDEL, Dan [US/US]; 9540 DeS-
oto Avenue, Chatsworth, CA 91311 (US).
JETER, Ruane [US/US]; 9540 DeSoto

Avenue, Chatsworth, CA 91311 (US).
GHARIBIAN, Noel [US/US]; 9540 DeSoto Avenue, Chatsworth, CA 91311 (US).

(74) **PERKINS COIE LLP**; Kenneth H. Ohriner, P.O. Box 1208, Seattle, WA 98111-1208 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084707** (13) **A2**

(21) PCT/US2004/008537

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,303 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND DEVICES FOR MINIMIZING THE LOSS OF BLOOD THROUGH A SEVERED STERNUM DURING CARDIAC AND/OR THORACIC SURGERY

• PROCEDES ET DISPOSITIFS PERMETTANT DE REDUIRE AU MAXIMUM LA PERTE DE SANG LIEE A UNE STERNOTOMIE LORS D'UNE INTERVENTION CHIRURGICALE CARDIAQUE ET/OU THORACIQUE

(71, 72) **LIDONNICI, Leslie** [US/US]; 501 Hicks Street, Brooklyn, NY 11231 (US).

(74) **CARTER, David, M.** et al. / etc.; Carter, DeLuca, Farrell & Schmidt, LLP, Suite 225, 445 Broad Hollow Road, Melville, NY 11747 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) **WO 2004/084708** (13) **A2**

(21) PCT/US2004/008566

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,613 **21 Mar/mar 2003 US (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FINDING USABLE PORTION OF SIGMOID CURVE

• DECOUVERTE DE LA PARTIE UTILISABLE D'UNE COURBE SIGMOIDE

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION** [US/US]; Technology Transfer Office, 4770 Buford Highway (K79), Atlanta, GA 30341 (US).

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(74) **MAURER, Gregory, L.**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) **WO 2004/084709** (13) **A2**

(21) PCT/US2004/008635

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/456,164 **20 Mar/mar 2003 US (20.03.2003)**

(30) 10/656,861 **6 Sep/sep 2003 US (06.09.2003)**

(30) 10/718,254 **20 Nov/nov 2003 US (20.11.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICES, SYSTEMS, AND METHODS TO FIXATE TISSUE WITHIN THE REGIONS OF BODY, SUCH AS THE PHARYNGEAL CONDUIT

• DISPOSITIFS, SYSTEMES ET PROCEDES PERMETTANT DE FIXER DES TISSUS DANS CERTAINES ZONES CORPORELLES TELLES QUE LE CONDUIT PHARYNGIEN

(71) **APNEON, INC.** [US/US]; 20370 Town Center Lane, Cupertino, CA 95014 (US).

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(72) **NELSON, Lionel, M.**; 27261 Black Mountain Road, Los Altos, CA 94022-4232 (US). **LIU, Jinfang**; 764 Oxford Road, Lancaster, PA 17601 (US). **BOUCHER, Ryan**; 1424 Clay Street, San Francisco, CA 94109 (US). **DOELLING, Eric, N.**; 718 Jura Way, Sunnyvale, CA 94087 (US). **STINE, Greg**; 1204 Dennis Drive, Longview, TX 75605 (US). **JONES, Lawrence, R.**; 11701 Baca Road, Conifer, CO 80433 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; P.O. Box 26618, Milwaukee, WI 53226 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084710** (13) **A2**

(21) PCT/US2004/008735

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10/395,661 **24 Mar/mar 2003 US (24.03.2003)**

(30) 10/395,662 **24 Mar/mar 2003 US (24.03.2003)**

(30) 10/395,660 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIGITAL MICROMIRROR DEVICE HAVING A WINDOW TRANSPARENT TO ULTRAVIOLET (UV) LIGHT

• DISPOSITIF DE MICRO-MIROIR NUMERIQUE COMPRENANT UNE FENETRE TRANSPARENTE A LA LUMIERE ULTRAVIOLETTE (UV)

(71) **MEMPHIS EYE & CATARACT ASSOCIATES AMBULATORY SURGERY CENTER (d/b/a/ MECA LASER AND SURGERY CENTER)** [US/US]; 6485 Poplar Avenue, Memphis, TN 38119 (US).

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(74) **GORDON, David, P.** et al. / etc.; Gordon & Jacobson, P.C., 65 Woods End Road, Stamford, CT 06905 (US).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084711 (13) A2

(21) PCT/US2004/009216

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,200 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS OF DETECTING NEURO-
LOGICAL DISORDERS

• METHODES DE DETECTION DE
TROUBLES NEUROLOGIQUES

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

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

(51)⁷ A61B 1/00

(11) WO 2004/084712 (13) A1

(21) PCT/JP2003/003642

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GUIDE WIRE

• FIL GUIDE

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

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

(51)⁷ A61B 1/00, 1/303, 1/32

(11) WO 2004/084713 (13) A1

(21) PCT/US2004/007905

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/393,848 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROTECTIVE SHEATH FOR ILLUMI-
NATION ASSEMBLY OF A DISPOS-
ABLE VAGINAL SPECULUM

• GAINÉ PROTECTRICE POUR DISPO-
SITIF D'ÉCLAIRAGE D'UN SPECU-
LUM VAGINAL JETABLE

(71) WELCH ALLYN, INC. [US/US]; 4341
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(71, 72) STRONG, Jamie, G. [US/US]; 1984
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(74) BILINSKI, Peter, J.; Wall Marjama & Bilin-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 1/005

(11) WO 2004/084714 (13) A1

(21) PCT/IB2004/000652

(22) 25 Feb/fév 2004 (25.02.2004)

(25) it (26) en

(30) TO2003A000218 25 Mar/mar 2003 IT
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROBE, IN PARTICULAR FOR
TUBULAR CAVITIES

• SONDE, NOTAMMENT POUR CA-
VITES TUBULAIRES

(71) C.R.F. SOCIETA CONSORTILE PER
AZIONI [IT/IT]; Strada Torino, 50, I-10043
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(72, 75) PERLO, Piero [IT/IT]; c/o C.R.F. So-
cietà Consortile per Azioni, Strada Torino,
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(74) MARCHITELLI, Mauro et al. / etc.; c/o
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ A61B 1/227, G02B 6/24

(11) WO 2004/084715 (13) A1

(21) PCT/US2004/007502

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/393,340 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ILLUMINATION SYSTEM FOR MEDI-
CAL DIAGNOSTIC INSTRUMENT

• SYSTEME D'ÉCLAIRAGE POUR INS-
TRUMENT DE DIAGNOSTIC MEDI-
CAL

(71) WELCH ALLYN, INC. [US/US]; 4341
State Street Road, Skaneateles Falls, NY
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(71, 72) **ROBERTS, Chris, R.** [US/US]; 740 Sheldon Road, Skaneateles, NY 13152 (US). **FAHRENKRUG, Corinn, C.** [US/US]; 322 Cameo Circle, Liverpool, NY 13090 (US). **KRAUTER, Allan, I.** [US/US]; 4312 Kasson Road, Syracuse, NY 13215 (US). **PASIK, Michael, A.** [US/US]; 66 Nelson Street, Auburn, NY 13021 (US). **STROM, John, R.** [US/US]; 387 Fire Lane 30, Moravia, NY 131185 (US). **DAVIS, Peter, J.** [US/US]; 2891 West Lake Road, Skaneateles, NY 13152 (US). **BRIGGMAN, Shawn, A.** [US/US]; 104 Copleigh Drive, Syracuse, NY 13209 (US). **TAMBURRINO, Richard, A.** [US/US]; 7 Crescent Avenue, Syracuse, NY 13021 (US).

(74) **BILINSKI, Peter, J.**; Wall Marjama & Bilinski, 101 South Salina Street, Suite 400, Syracuse, NY 13202 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/227, F21L 4/02

(11) WO 2004/084716 (13) A1

(21) PCT/US2004/008174

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/393,319 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRICAL ADAPTER FOR MEDICAL DIAGNOSTIC INSTRUMENTS USING LEDS AS ILLUMINATION SOURCES

• ADAPTATEUR ELECTRIQUE POUR INSTRUMENTS DIAGNOSTIQUES MEDICAUX UTILISANT DES DIODES ELECTROLUMINESCENTES (DEL) EN TANT QUE SOURCES D'ECLAIRAGE

(71) **WELCH ALLYN INC.** [US/US]; 4341 State Street Road, Skaneateles Falls, New York 13153 (US).

(71, 72) **ROBERTS, Chris, R.** [US/US]; 740 Sheldon Road, Skaneateles, New York 13152 (US). **FAHRENKRUG, Corinn, C.** [US/US]; 322 Cameo Circle, Liverpool, New York 13090 (US). **KRAUTER, Allan, I.** [US/US]; 2224 West Lake Road, Skaneateles, New York 13152 (US). **BRIGGMAN, Shawn, A.** [US/US]; 104 Copleigh Drive, Syracuse, New York 13209 (US). **PASIK, Michael, A.** [US/US]; 66 Nelson Street, Auburn, New York 13021 (US).

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(74) **BILINSKI, Peter, J.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, Suite 400, Syracuse, New York 13202 (US).

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

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

(51)⁷ A61B 1/303, 1/00, H01J 61/34

(11) WO 2004/084717 (13) A1

(21) PCT/US2004/007852

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/393,841 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ILLUMINATION ASSEMBLY HAVING FLUID-TIGHT SEAL

• ENSEMBLE D'ILLUMINATION A JOINT ETANCHE AUX FLUIDES

(71) **WELCH ALLYN, INC.** [US/US]; 4341 State Street Road, Skaneateles Falls, NY 13153 (US).

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

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

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(21) PCT/EP2004/002483

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 14 453.6 28 Mar/mar 2003 DE (28.03.2003)

(30) 103 50 140.1 28 Oct/oct 2003 DE (28.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FRUIT GUM COMPOSITION

• COMPOSITION D'UNE GOMME AUX FRUITS

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(74) **CHRISTIAN HANNKE**; St.-Kasians-Platz 6, 93053 Regensburg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/113, A61F 9/008

(11) WO 2004/084719 (13) A1

(21) PCT/EP2004/001555

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 103 13 028.4 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR EYE ALIGNMENT

• PROCEDE ET APPAREIL PERMETTANT L'ALIGNEMENT DES YEUX

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(72, 75) **YOUSSEFI, Gerhard** [DE/DE]; Reichardtstrasse 1, 84028 Landshut (DE). **MORITZ, Friedrich** [DE/DE]; Drärselstrasse 4, 81541 München (DE).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/084720 (13) A2

(21) PCT/US2004/008738

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,609 21 Mar/mar 2003 US
(21.03.2003)

(30) 60/554,706 20 Mar/mar 2004 US
(20.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PERSONAL STATUS PHYSIOLOGIC
MONITOR SYSTEM AND ARCHITEC-
TURE AND RELATED MONITORING
METHODS

• SYSTEME ET ARCHITECTURE DE
SURVEILLANCE PHYSIOLOGIQUE
D'ETAT PERSONNEL ET PROCEDES
DE SURVEILLANCE CONNEXES

(71) WELCH ALLYN PROTOCOL, INC.
[US/US]; 4341 State Street Road, Skaneate-
les Falls, NY 13153 (US).

(71, 72) WELCH, James, P. [US/US]; 14340
SW Hazel Hill Drive, Tigard, OR 972247
(US). BAKER, Steven, D. [US/US]; 20149
S.W. Georgene Court, Beaverton, OR 97007
(US). GUILAK, Farzin, G. [US/US]; 6107
SW Murray Boulevard #344, Beaverton, OR
97007 (US). SAMPATH, Anand [US/US];
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Prospect Street, Norwell, MA 02061 (US).

(74) BILINSKI, Peter, J.; Wall Marjama & Bilin-
ski LLP, 101 South Salina Street, Suite 400,
Syracuse, New York 13202 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/0456

(11) WO 2004/084721 (13) A1

(21) PCT/GB2004/001186

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 0307211.3 28 Mar/mar 2003 GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR PROCESSING AN
ECG SIGNAL

• APPAREIL DE TRAITEMENT D'UN SI-
GNAL D'ELECTROCARDIOGRAMME

(71) ADVANCED MEDICAL DIAGNOSTICS
GROUP LIMITED [GB/GB]; 4 Edmund
Court, Beaconsfield, Buckinghamshire HP9
1YT (GB).

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(72, 75) ELLIS, Malcolm [GB/GB]; 32
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(CZ). PUMPRLA, Jiri [CZ/CZ]; Michalske
Stromradi 3, 77200 Olomouc (CZ).

(74) BELCHER, Simon, James; Urquhart-
Dykes & Lord LLP, Tower North Central,
Merrion Way, Leeds LS2 8PA (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 5/0456

(11) WO 2004/084722 (13) A1

(21) PCT/GB2004/001187

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 0307212.1 28 Mar/mar 2003 GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR FOR
IDENTIFYING FEATURES IN AN ECG
SIGNAL

• PROCEDE ET APPAREIL POUR
L'IDENTIFICATION DE CARAC-
TERISTIQUES DANS UN SIGNAL
D'ELECTROCARDIOGRAMME

(71) ADVANCED MEDICAL DIAGNOSTICS
GROUP LIMITED [GB/GB]; 4 Edmund
Court, Beaconsfield, Buckinghamshire HP9
1YT (GB).

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

(72, 75) ELLIS, Malcolm [GB/GB]; 32
Pegholme Drive, Bradford Road, Otley
LS21 3NZ (GB). VYCHODIL, Rostislav
[CZ/CZ]; Werichova 29, 77900 Olomouc
(CZ). PUMPRLA, Jiri [CZ/CZ]; Michalske
Stromradi 3, 77200 Olomouc (CZ).

(74) BELCHER, Simon, James; Urquhart-
Dykes & Lord LLP, Tower North Central,
Merrion Way, Leeds LS2 8PA (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 5/053, G06F 19/00

(11) WO 2004/084723 (13) A1

(21) PCT/CA2004/000450

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2,423,442 26 Mar/mar 2003 CA
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WEIGHTED GRADIENT METHOD
AND SYSTEM FOR DIAGNOSING
DISEASE

• PROCEDE ET SYSTEME DE GRA-
DIENT PONDERE DESTINES AU
DIAGNOSTIC DE MALADIES

(71) Z-TECH (CANADA) INC. [CA/CA]; 2
Berkeley Street, Suite 310, Toronto, Ontario
M5A 4J5 (CA).

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

(72, 75) GRAOVAC, Milan [CA/CA]; 41 Syl-
van Valleyway, Toronto, Ontario M5M 4M4
(CA). PAVLOVIC, Zoran [CA/CA]; 335
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M5M 1B5 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(11) WO 2004/084724 (13) A1

(21) PCT/CA2004/000458

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2,423,445 26 Mar/mar 2003 CA
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSIS OF DISEASE BY DE-
TERMINATION OF ELECTRICAL
NETWORK PROPERTIES OF A BODY
PART

• DIAGNOSTIC D'UNE MALADIE PAR
LA DETERMINATION DES PRO-
PRIETES D'UN RESEAU ELECTRIQUE
D'UNE PARTIE D'UN ORGANISME

(71) **Z-TECH (CANADA) INC.** [CA/CA]; 2 Berkeley Street, Suite 310, Toronto, Ontario M5A 4J5 (CA).
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(72, 75) **SEMLYEN, Adam** [CA/CA]; 2203-65 HighPark Avenue, Toronto, Ontario M6P 2R7 (CA). **GRAOVAC, Milan** [CA/CA]; 41 Sylvan Valleyway, Toronto, Ontario M5M 4M4 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) **WO 2004/084725** (13) A1

(21) PCT/AU2004/000361

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 2003901388 **26 Mar/mar 2003 AU (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOTION ANALYSIS SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ANALYSE DE DEPLACEMENT

(71) **NEOPRAXIS PTY LTD** [AU/AU]; ACN 002 944 630, 14 Mars Road, Lane Cove, NSW 2066 (AU).

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

(72, 75) **JASIEWCZ, Jan** [AU/AU]; 85 Oleaner Drive, Ashgrove, QLD 4060 (AU). **BARRISKILL, Andrew** [AU/AU]; 8 Harnett Avenue, Mosman, NSW 2088 (AU). **DUNCAN, Michael** [AU/AU]; 82A Phoenix Street, Lane Cove, NSW 2066 (AU). **PARKER, Simon, Geoffrey** [AU/AU]; 45/267 Castlereagh Street, Sydney, NSW 2000 (AU). **CURCIC, Branka** [AU/AU]; 28 Kembala Street, Wakeley, NSW 2176 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/117, G06K 9/00**

(11) **WO 2004/084726** (13) A1

(21) PCT/US2004/008208

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 10/397,100 **25 Mar/mar 2003 US (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POSITIVE PATIENT IDENTIFICATION

• IDENTIFICATION POSITIVE DE PATIENT

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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

(72, 75) **CALDWELL, Lloyd, M.** [US/US]; 4460 South Park Hill Drive, Salt Lake City, UT 84124 (US).

(74) **LARSON, Craig, E. et al.** / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/145, 5/15**

(11) **WO 2004/084727** (13) A1

(21) PCT/JP2004/004094

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) ja (26) ja

(30) 2003-88246 **27 Mar/mar 2003 JP (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HUMOR SAMPLING IMPLEMENT AND METHOD OF HUMOR SAMPLING

• ACCESSOIRE

D'ECHANTILLONNAGE DE L'HUMEUR ET PROCEDE D'ECHANTILLONNAGE DE L'HUMEUR

(71) **TERUMO KABUSHIKI KAISHA** [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

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(72, 75) **YAZAKI, Hirofumi** [JP/JP]; c/o Terumo Kabushiki Kaisha, 1727-1, Tsuijiarai, Showa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP). **NAKAMURA, Toshihisa** [JP/JP]; c/o Terumo Kabushiki Kaisha, 1727-1, Tsuijiarai, Showa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP). **YAGUCHI, Yoshiaki** [JP/JP]; c/o Terumo Kabushiki Kaisha, 1727-1, Tsuijiarai, Showa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP).

(74) **ASAHI, Kazuo et al.** / etc.; Nishi-Shinbashi, Noa Bldg., 4th Floor, 18-9, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G03B 42/04, A61B 6/14**

(11) **WO 2004/084728** (13) A1

(21) PCT/DE2004/000620

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) de (26) de

(30) 103 13 110.8 **24 Mar/mar 2003 DE (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • X-RAY DEVICE AND X-RAY SENSITIVE CAMERA FOR PANORAMIC TOMOGRAPHY AND 3D SHOTS

• DISPOSITIF RADIOGRAPHIQUE ET CAMERA SENSIBLE AUX RAYONS X POUR VUES STRATIFIEES PANORAMIQUES ET VUES 3D

(71) **SIRONA DENTAL SYSTEMS GMBH** [DE/DE]; Fabrikstrasse 31, 64625 Bensheim (DE).

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

(72, 75) **ERHARDT, Norbert** [DE/DE]; Ernst-Handschuhstrasse 3a, 67549 Worms (DE). **GÜNTHER, Werner** [DE/DE]; Fichtestrasse 19, 64625 Bensheim (DE).

(74) **SOMMER, Peter**; Sommer Patentanwalt und European Patent and Trademark, Viktoriastrasse 28, 68165 Mannheim (DE).

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

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 6/14, 6/03, G03B 42/02, 42/04

(11) WO 2004/084729 (13) A1

(21) PCT/DE2004/000619

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 109.4 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • X-RAY SENSITIVE CAMERA COMPRISING TWO IMAGE RECEIVERS AND X-RAY DEVICE

• DISPOSITIF DE PRISE DE VUE SENSIBLE AUX RAYONS X POURVU DE DEUX CAPTEURS D'IMAGES, ET DISPOSITIF RADIOGRAPHIQUE

(71) SIRONA DENTAL SYSTEMS GMBH [DE/DE]; Fabrikstrasse 31, 64625 Bensheim (DE).

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

(72, 75) BECKHAUS, Christian [DE/DE]; Odenwaldstrasse 19, 64297 Darmstadt (DE). ZELLER, Uwe [DE/DE]; Rißegger Steige 139, 88400 Biberach/Riß (DE). ECKERT, Martin [DE/DE]; Königsberger-Strasse 32, 69502 Hemsbach (DE). SCHULZE-GANZLIN, Ulrich [DE/DE]; Le Coteauer Strasse 12, 64653 Lorsch (DE). GÜNTHER, Werner [DE/DE]; Fichtestrasse 19, 64625 Bensheim (DE).

(74) SOMMER, Peter; Viktoriastrasse 28, 68165 Mannheim (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 6/14

(11) WO 2004/084730 (13) A2

(21) PCT/EP2004/003126

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 044.6 24 Mar/mar 2003 DE (24.03.2003)

(30) 103 46 287.2 6 Oct/oct 2003 DE (06.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTRAORAL X-RAY SENSOR

• DETECTEUR DE RAYONS X INTRAORAL

(71) KALTENBACH & VOIGT GMBH & CO. KG [DE/DE]; Bismarckring 39, 88400 Biberach (DE).

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

(72, 75) HACK, Alexander [DE/DE]; Kiefernweg 2, 88400 Biberach (DE).

(74) SCHMIDT EVERS, J. et al. / etc.; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/14

(11) WO 2004/084731 (13) A1

(21) PCT/EP2004/003127

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 043.8 24 Mar/mar 2003 DE (24.03.2003)

(30) 103 55 431.9 27 Nov/nov 2003 DE (27.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DENTAL X-RAY SYSTEM WITH AN ELECTRONIC SENSOR

• SYSTEME DE RADIOGRAPHIE DENTAIRE EQUIPE D'UN DETECTEUR ELECTRONIQUE

(71) KALTENBACH & VOIGT GMBH & CO. KG [DE/DE]; Bismarckring 39, 88400 Biberach (DE).

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

(72, 75) HACK, Alexander [DE/DE]; Kiefernweg 2, 88400 Biberach (DE). ZELLER, Uwe [DE/DE]; Adolf-Reichwein-Str. 29, 61267 Neu-Anspach (DE). WEBER, Klaus [DE/DE]; Ingoldinger Weg 17, 88456 Grodt (DE).

(74) SCHMIDT EVERS, J.; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/14

(11) WO 2004/084732 (13) A1

(21) PCT/EP2004/003128

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 041.1 24 Mar/mar 2003 DE (24.03.2003)

(30) 103 46 288.0 6 Oct/oct 2003 DE (06.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • X-RAY DEVICE

• APPAREIL DE RADIOGRAPHIE

(71) KALTENBACH & VOIGT GMBH & CO. KG [DE/DE]; Bismarckring 39, 88400 Biberach (DE).

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

(72, 75) HACK, Alexander [DE/DE]; Kiefernweg 2, 88400 Biberach (DE). ZELLER, Uwe [DE/DE]; Adolf-Reichwein-Str. 29, 61267 Neu-Anspach (DE). WEBER, Klaus [DE/DE]; Ingoldinger Weg 17, 88456 Grodt (DE). RICKERT, Martin [DE/DE]; Am Schlossbühl 10, 88410 Bad Wurzach-Haidgau (DE).

(74) EVERS, Schmidt, J. et al. / etc.; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

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

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

(51)⁷ A61B 8/00

(11) WO 2004/084733 (13) A1

(21) PCT/IB2004/001264

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,795 **28 Mar/mar 2003** US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOTE WIRELESS CONTROL DEVICE FOR AN ULTRASOUND MACHINE AND METHOD

• DISPOSITIF DE TELECOMMANDE SANS FIL POUR MACHINE A ULTRASONS ET PROCEDE CORRESPONDANT

(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) BARTOL, Kris, M. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). GRAZIANO, Stanley, J. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). KELTON, William, H. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o VODOPIA, John, P.O.Box 3001, Briarcliff Manor, NY 10510-8001 (US).

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61B 8/00

(11) WO 2004/084734 (13) A1

(21) PCT/JP2004/004045

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083489 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ULTRASONIC PROBE
• SONDE ULTRASONORE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) TAKEDA, Junichi OZAWA, Masashi

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka, 5306026 (JP).

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

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

(51)⁷ A61B 8/06, G01S 15/88, 13/00

(11) WO 2004/084735 (13) A1

(21) PCT/AU2004/000343

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003901366 **25 Mar/mar 2003** AU
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DERIVING PARAMETER INFORMATION FROM BLOOD FLOW SIGNAL

• DETERMINATION D'INFORMATION DE PARAMETRES A PARTIR D'UN SIGNAL DE FLUX SANGUIN

(71) USCOM LIMITED [AU/AU]; 323 Old Coast Road, Korora, NSW 2450 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUTLER, Paul [AU/AU]; USCOM Pty Ltd, P O Box J241, Coffs Harbour, NSW 2450 (AU). PHILLIPS, Robert, Allan [AU/AU]; P O Box J241, Coffs Harbour, NSW 2450 (AU). DAVEY, Gary [AU/AU]; USCOM Pty Ltd, P O Box J241, Coffs Harbour, NSW 2450 (AU).

(74) SHELSTON IP; 60 Margaret Street, Sydney NSW 2000 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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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(51)⁷ A61B 8/08, 19/00

(11) WO 2004/084736 (13) A1

(21) PCT/IB2004/000695

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,777 **27 Mar/mar 2003** US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GUIDANCE OF INVASIVE MEDICAL DEVICES BY THREE DIMENSIONAL ULTRASONIC IMAGING

• GUIDAGE DE DISPOSITIFS MEDICAUX INVASIFS PAR IMAGERIE TRIDIMENSIONNELLE A ULTRASONS

(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) SALGO, Ivan [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). SAVORD, Bernard [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). SCAMPINI, Steven [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). PESZYNSKI, Michael [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US).

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

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

(51)⁷ A61B 8/08

(11) WO 2004/084737 (13) A1

(21) PCT/IB2004/000710

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,785 **27 Mar/mar 2003** US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GUIDANCE OF INVASIVE MEDICAL DEVICES BY THREE DIMENSIONAL ULTRASONIC IMAGING

• GUIDAGE DE DISPOSITIFS MEDICAUX INVASIFS PAR IMAGERIE ULTRASONIQUE TRIDIMENSIONNELLE

(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) SALGO, Ivan [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US). SAVORD, Bernard [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US). SCAMPINI, Steven [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US). PESZYN-SKI, Michael [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US).

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

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

(51)⁷ A61B 10/00, 19/00

(11) WO 2004/084738 (13) A1

(21) PCT/US2004/008380

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,992 **19 Mar/mar 2003** US
(19.03.2003)

(30) 10/803,698 **18 Mar/mar 2004** US
(18.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADAPTER ASSEMBLY FOR STEREOTACTIC BIOPSY

• ENSEMBLE ADAPTATEUR POUR BIOPSIE STEREOTAXIQUE

(71) SUROS SURGICAL SYSTEMS, INC. [US/US]; Suite 3, 9502 Angola Court, Indianapolis, IN 46268 (US).

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(72, 75) MILLER, Michael, E. [US/US]; 4560 West Woodpecker, Trafalgar, IN 46181 (US). MARK, Joseph, L. [US/US]; 5154 N. Capitol Avenue, Indianapolis, IN 46208 (US). HOFMANN, Ronald, L. [US/US]; 4796 W. Co. Rd. 1200 N, Brazil, IN 47834 (US).

(74) DIEDRICH, Bradley, J. et al. / etc.; Rader, Fishman & Grauer PLLC, Suite 140, 39533 Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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

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

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(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 17/00

(11) WO 2004/084739 (13) A1

(21) PCT/JP2003/012921

(22) 8 Oct/oct 2003 (08.10.2003)

(25) ja (26) ja

(30) 2003-88981 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WIRE FOR INSERTING INTO BIOLOGICAL DUCT

• CABLE DESTINE A ETRE INSERE DANS UN CONDUIT BIOLOGIQUE

(71) NIHON UNIVERSITY [JP/JP]; 8-24, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP).

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(72, 75) SAITO, Satoshi [JP/JP]; c/o Nihon University, 8-24, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP). KAWABE, Daisuke [JP/JP]; c/o I.R.Co., Ltd., 23-12, Kanamecho 3-chome, Toshima-ku, Tokyo 171-0043 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/17, A61F 2/46

(11) WO 2004/084740 (13) A1

(21) PCT/NO2004/000085

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 20021333 **24 Mar/mar 2003** NO
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM, METHOD AND TOOL FOR ENSURING CORRECT INSERTION OF AN ARTIFICIAL HIP JOINT

• SYSTEME, PROCEDE ET OUTIL PERMETTANT D'ASSURER L'INSERTION CORRECTE D'UNE ARTICULATION COXOFEMORALE ARTIFICIELLE

(71) BREVIG, Jon, Ola [NO/NO]; Ekås, N-1789 Berg (NO).

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

(71, 72) IVERSEN, Bjorn, Franc [NO/DK]; Gammel Strandvej 272B, DK-3050 Humlebæk (DK).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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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EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084741 (13) A1

(21) PCT/KR2004/000703

(22) 27 Mar/mar 2004 (27.03.2004)

(25) ko (26) en

(30) 10-2003-0019321 27 Mar/mar 2003 KR (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DETERMINATION DEVICE FOR SIZE OF CUTTING BLOCK USING CONNECTION DEVICE
- DISPOSITIF DE DETERMINATION DE LA TAILLE D'UN BLOC DE COUPE A L'AIDE D'UN DISPOSITIF DE LIAISON

(71, 72) KIM, Chong-Bum [KR/KR]; 204-1302 Gangseon Maoul, 38, Juyeop-dong, Ilsan-gu, Goyang-si, Gyeonggi-do 411-370 (KR). SEO, Jai-Gon [KR/KR]; 1102, Samsung Park Tower, 459-9 Seongnae-dong, Gangdong-gu, Seoul 134-030 (KR).

(74) LEE & PARK; 6th Fl. Changsang Bldg., 1543-12 Seocho 3-dong, Seocho-gu, Seoul 137-872 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 17/58, A61F 2/30

(11) WO 2004/084742 (13) A1

(21) PCT/US2004/008980

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,158 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SPINAL IMPLANT ADJUSTMENT DEVICE
- DISPOSITIF DE REGLAGE D'IMPLANT VERTEBRAL

(71) THEKEN SURGICAL LLC [US/US]; 283 East Waterloo Road, Akron, OH 44319 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUELLER, Richard [US/US]; 887 Elmwood Drive, Macedonia, OH 44056 (US). BUDD, Andrew [US/US]; 4099 April Drive, Uniontown, OH 44685 (US). SILSKI, Marc [US/US]; 300 West Maple Street, Hartville, OH 44632 (US).

(74) EICHENBERGER, Robert et al. / etc.; Frost Brown Todd LLC, 120 West Spring Street, Suite 400, New Albany, IN 47150 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 A61B 17/70

(11) WO 2004/084743 (13) A1

(21) PCT/IT2004/000148

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) FI2003 A 000084 28 Mar/mar 2003 IT (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • INTERLAMINAR VERTEBRAL PROSTHESIS
- PROTHESE VERTEBRALE INTERLAMINAIRE

(71) SMART HOSPITAL S.R.L. [IT/IT]; Via Provinciale, 36, I-55060 San Martino in Freddana (IT). COUSIN BIOTECH S.A.S. [FR/FR]; Rue Abbe Bonpain, F-59017 Wervicq-Sud (FR). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) PETRINI, Piero [IT/IT]; Via dell'Acacia, 141, I-06100 Perugia (IT).

(72, 75) DENEUVILLIERS, Guy [FR/FR]; 42, Allez des Chardonnerets, F-62155 Marlumont (FR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 17/70

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(25) en (26) en

(30) 10/393,575 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SPINAL FIXATION DEVICES OF IMPROVED STRENGTH AND RIGIDITY
- DISPOSITIFS DE FIXATION RACHIDIENS DE MEILLEURES RESISTANCE ET RIGIDITE

(71) DEPUY ACROMED SARL [CH/CH]; Chemin-Blanc 36, CH-2400 Le Locle (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) COURNOYER, John, R. [US/US]; 25 King Street, Norfolk, MA 02056 (US). VARIEUR, Michael, S. [US/US]; 263 Rhode Island Boulevard, Portsmouth, RI 02871 (US). RUIZ, P., Alan [US/US]; 12 Noonan Street, Mansfield, MA 02038 (US). CARLONE, Anthony, R. [US/US]; 7 Naomi Street, Bristol, RI 02809 (US).

(74) JOHNSON, Philip S.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

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

- MC NL PL PT 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 17/86, 17/72**
- (11) **WO 2004/084745** (13) A1
- (21) PCT/CH2003/000202
- (22) **28 Mar/mar 2003 (28.03.2003)**
- (25) de (26) de
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LOCKING SCREW
• VIS DE VERROUILLAGE
- (71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
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- (71) **SYNTHES (U.S.A.)** [US/US]; 1690 Russell Road, P.O. Box 1766, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)
- (72, 75) **SCHLIENGER, André** [CH/CH]; Tunnelweg 16, CH-4142 Münchenstein (CH).
SENN, Peter [CH/CH]; Burgmattstrasse 18, CH-4437 Waldenburg (CH).
BUETTLER, Markus [CH/CH]; Im Rank 199, CH-4717 Mümliswil (CH).
- (74) **LUSUARDI, Werther**; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 18/00**
- (11) **WO 2004/084746** (13) A2
- (21) PCT/EP2004/003166
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 0300854-7 **26 Mar/mar 2003 SE (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DEVICE FOR TREATMENT OF AN INSUFFICIENCY OF A HEART VALVE
• DISPOSITIF POUR LE TRAITEMENT D'UNE INSUFFISANCE D'UNE VALVULE CARDIAQUE
- (71, 72) **REITAN, Öyvind, M., D.** [SE/SE]; Villebrådsvägen, S-226 53 Lund (SE).
- (74) **HEUCKEROTH, Volker** et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 18/12**
- (11) **WO 2004/084747** (13) A2
- (21) PCT/IB2004/000918
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 10/402,327 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • APPARATUS AND METHOD FOR OPTIMIZING TUMOR TREATMENT EFFICIENCY BY ELECTRIC FIELDS
• APPAREIL ET PROCÉDE POUR OPTIMISER PAR DES CHAMPS ÉLECTRIQUES D'EFFICACITÉ D'UN TRAITEMENT ANTITUMORAL
- (71) **STANDEN LTD.**; Le Masurier House, La Rue Le Masurier, St. Helier JE2 4YE, Jersey (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALTI, Yoram** [IL/IL]; 51 Ruth Street, 34404 Haifa (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
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- (51)⁷ **A61B 18/18, A61N 5/02**
- (11) **WO 2004/084748** (13) A1
- (21) PCT/AU2004/000392
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 2003901390 **26 Mar/mar 2003 AU (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A MICROWAVE ANTENNA FOR MEDICAL ABLATION
• ANTENNE HYPERFREQUENCE POUR ABLATION CHIRURGICALE
- (71) **UNIVERSITY OF TECHNOLOGY, SYDNEY** [AU/AU]; 1 Broadway, Broadway, NSW 2004 (AU).
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- (72, 75) **CHIU, Heng-Mao** [AU/AU]; Unit 199, 398 Pitt Street, Sydney, NSW 2000 (AU).
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- (74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 19/00, A61N 1/05**
- (11) **WO 2004/084749** (13) A1
- (21) PCT/EP2003/003156
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) de (26) de
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DEVICE FOR DETERMINING THE POSITION OF A TARGET REGION IN THE BRAIN
• DISPOSITIF POUR DETERMINER LA POSITION D'UNE REGION CIBLE DU CERVEAU A TRAITER
- (71) **MRC SYSTEMS GMBH** [DE/DE]; Hans-Bunte-Strasse 10, 69123 Heidelberg (DE).
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- (72, 75) **BADER, Helmut** [DE/DE]; Konrad-Adenauer-Ring 68, 69214 Eppelheim (DE).
FISCHER, Stefan [DE/DE]; Dossenheimer Landstrasse 89, 69121 Heidelberg (DE).
NITZSCHMANN, Robert [DE/DE]; Anselm Feuerbachstrasse 6, 67227 Frankental (DE).
GÖTZ, Marcus [DE/DE]; Schröder Strasse 28, 69120 Heidelberg (DE).
- (74) **WEBER, Walter**; Handschuhsheimer Landstrasse 2a, 69120 Heidelberg (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 19/00, A61F 2/46, A61B 5/103**
- (11) **WO 2004/084750** (13) A1
- (21) PCT/EP2004/001665
- (22) **20 Feb/fév 2004 (20.02.2004)**
- (25) de (26) de
- (30) 103 13 747.5 **27 Mar/mar 2003 DE (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR DETECTING A HINGE POINT BETWEEN TWO BONES

- PROCEDE ET DISPOSITIF
POUR DETERMINER UN POINT
D'ARTICULATION ENTRE DEUX OS
- (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) GÖGGMANN, Andreas [DE/DE];
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sheim (DE). KOZAK, Josef [DE/DE];
Oberer Bann 53, 78532 Tuttlingen (DE).
TÜMMLER, Hanns-Peter [DE/DE]; Em-
minger Strasse 124, 78532 Tuttlingen (DE).
- (74) BÖHME, Ulrich; Hoeger, Stellrecht & Part-
ner, Uhländstrasse 14c, 70182 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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
- (11) WO 2004/084751 (13) A2
- (21) PCT/US2004/007327
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) en (26) en
- (30) 60/456,755 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SWIVEL ADAPTER AND BASE UNIT
HANDLE
- ADAPTATEUR PIVOTANT ET POI-
GNEE D'UNITE DE BASE
- (71) SCHAEERER MAYFIELD USA, INC.
[US/US]; 4900 Charlemar Drive, Cincinnati,
OH 45227 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) EASTON, Kevin, R. [US/US]; 8070
Ashgrove Drive, Cincinnati, OH 45244 (US).
- (74) EBY, Richard, C. et al. / etc.; Wood, Herron
& Evans, L.L.P., 2700 Carew Tower, Cincin-
nati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084752 (13) A2
- (21) PCT/US2004/003951
- (22) 10 Feb/fév 2004 (10.02.2004)
- (25) en (26) en
- (30) 60/446,342 10 Feb/fév 2003 US
(10.02.2003)
- (30) 60/446,300 10 Feb/fév 2003 US
(10.02.2003)
- (30) 60/449,188 21 Feb/fév 2003 US
(21.02.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LIGHT EMITTING ORAL APPLIANCE
AND METHOD OF USE
- USTENSILE BUCCAL ELECTRO-
LUMINESCENT ET SON PROCEDE
D'UTILISATION
- (71) PALOMAR MEDICAL TECHNOLO-
GIES, INC. [US/US]; 82 Cambridge Street,
Burlington, MA 01803 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ALTSHULER, Gregory, B. [US/US];
137 Marion Street, Wilmington, MA 01887
(US). TUCHIN, Valery, V. [RU/RU]; 32/34
Volskaya Street, Apartment 17, Saratov,
410600 (RU).
- (74) ENGELLENNER, Thomas, J. et al. / etc.;
Nutter, McClennen & Fish, LLP, World Trade
Center West, 155 Seaport Boulevard, Boston,
MA 02210-2604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ A61C 1/00 // G06F 3/033
- (11) WO 2004/084753 (13) A1
- (21) PCT/FI2004/000164
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 20030451 25 Mar/mar 2003 FI
(25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CONTROL ARRANGEMENT FOR
DENTAL DEVICE AND METHOD OF
CONTROLLING DENTAL DEVICE
- APPAREIL DE REGLAGE POUR DIS-
POSITIF DENTAIRE ET PROCEDE DE
REGLAGE DUDIT DISPOSITIF
- (71) PLANMECA OY [FI/FI]; Asentajankatu 6,
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les États désignés sauf US)*

- (72, 75) NYHOLM, Kustaa [FI/FI]; Lauklam-
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- (74) KOLSTER OY AB; Iso Roobertinkatu 23,
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- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 A61C 1/00
- (11) WO 2004/084754 (13) A1
- (21) PCT/US2004/008590
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,389 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DENTAL HANDPIECE AND EQUIP-
MENT
- PIECE A MAIN ET EQUIPEMENT
DENTAIRE
- (71) DENTSPLY INTERNATIONAL INC.
[US/US]; 570 West College Avenue, P.O.
Box 872, York, PA 17405-0872 (US).
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les États désignés sauf US)*
- (72) PAPANNEK, Tom; 1251 Heritage Court,
Lake Forest, IL 60045 (US). ZDANOWSKI,
Chester; 1025 Oakwood Drive, Westmont,
IL 60559 (US). BRENNAN, Kevin, Rogers;
914 W. Belle Plaine #2, Chicago, IL 60613
(US).
- (74) HURA, Douglas, J. et al. / etc.; Dentsply
International Inc., 570 West College Avenue,
P.O. Box 872, York, PA 17405-0872 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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/KR2004/000519

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ko (26) en

(30) 10-2003-0018745 26 Mar/mar 2003 KR
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • HELICAL IMPLANT
• IMPLANT HELICOIDAL

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 103 13 690.8 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PROCESSING OF SHAPE DATA OF A
DENTAL PROSTHESIS
• TRAITEMENT DE DONNEES DE
FORME D'UNE PROTHESE DENTAIRE

(71) 3M ESPE AG [DE/DE]; Espe Platz, 82229
Seefeld (DE).
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HAUPTMANN, Holger [DE/DE]; Weil-
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HERTLEIN, Guenter [DE/DE]; In der Au
4, 82229 Seefeld (DE). HOESCHLER,
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(74) 3M ESPE AG; Espe Platz, 82229 Seefeld
(DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 13/00, G06F 19/00

(11) WO 2004/084757 (13) A1

(21) PCT/EP2004/003259

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 13 691.6 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • CAD-SYSTEM FOR DENTAL PROS-
THESIS

- SYSTEME DE CONCEPTION ASSIS-
TEE PAR ORDINATEUR POUR PRO-
THESES DENTAIRES

(71) 3M ESPE AG [DE/DE]; ESPE Platz, 82229
Seefeld (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KRAEMER, Michael [DE/DE]; Pe-
ter-Rosegger-Strasse 2, 86899 Landsberg
(DE). HERTLEIN, Guenter [DE/DE]; In
der Au 4, 82229 Seefeld (DE). BURGER,
Bernd [DE/DE]; Am Weinberg 27, 82239
Alling (DE).

(74) 3M ESPE AG; ESPE Platz, 82229 Seefeld
(DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 13/00

(11) WO 2004/084758 (13) A1

(21) PCT/JP2004/002264

(22) 26 Feb/fév 2004 (26.02.2004)

(25) ja (26) ja

(30) 2003-048367 26 Feb/fév 2003 JP
(26.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PHOTOPOLYMERIZATION UNIT
• UNITE DE PHOTOPOLYMERISATION

(71) JCN CO., LTD. [JP/JP]; 3-16-16, Jyousai,
Gyouda-city, Saitama 361-0057 (JP). OPTO
DEVICE CO., LTD. [JP/JP]; 5-8-27, Ginza,
Kumagaya-city, Saitama 360-0032 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOSHIHARA, Masahiko [JP/JP];
3-16-16, Jyousai, Gyouda-city, Saitama
361-0057 (JP). YAMAZAKI, Shigeru
[JP/JP]; 5-8-27, Ginza, Kumagaya-city,
Saitama 360-0032 (JP).

(74) KOSHIHARA, Masahiko; 3-16-16, Jyou-
sai, Gyouda-city, Saitama 361-0057 (JP).

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

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

MC NL PT 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A61C 15/04, 15/02

(11) WO 2004/084759 (13) A2

(21) PCT/GB2004/000992

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 0306808.7 24 Mar/mar 2003 GB (24.03.2003)

(30) 0307875.5 4 Apr/avr 2003 GB (04.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DENTAL CLEANING DEVICE

• DISPOSITIF DE NETTOYAGE DENTAIRE

(71, 72) TAYLOR, Hatib, Donald [GB/GB]; 2 Hornby House, Clayton Street, Oval, London SE 11 5SF (GB).

(74) WHALLEY, Kevin; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/04

(11) WO 2004/084760 (13) A2

(21) PCT/US2004/008704

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,976 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HAND HELD FLOSSING DEVICE

• DISPOSITIF A MAIN D'UTILISATION DE LA SOIE DENTAIRE

(71, 72) BERGMAN, Mark [US/US]; Chino, California (US). MCCOMBS, David [US/US]; Irvine, California (US).

(74) DELANEY, Karoline, A.; 2040 Main Street, Fourteenth Floor, Irvine, California 92614 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084761 (13) A2

(21) PCT/IL2004/000259

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/457,216 25 Mar/mar 2003 US (25.03.2003)

(30) 10/794,693 5 Mar/mar 2004 US (05.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYBRID INTERLOCKING PROXIMAL FEMORAL FRACTURE FIXATION

• FIXATION DE FRACTURE FEMORALE PROXIMALE A VERROUILLAGE HYBRIDE

(71, 72) WAISMAN, Marc [IL/IL]; 4/49 Habanim st., Kyriat Bialik 27151 (IL).

(74) GOLD - PATENTS & FINANCIAL SERVICES LTD; 43, Rubinstein st., Haifa 34987 (IL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084762 (13) A2

(21) PCT/US2004/008149

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/391,826 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BRAIDED STENT WITH LOOPED ENDS AND METHOD FOR MAKING SAME

• DRAIN TUTEUR TRESSE A EXTREMITES EN BOUCLES ET PROCEDE DE FABRICATION ASSOCIE

(71) VASCULAR CONCEPTS HOLDINGS LIMITED [GB/GB]; Grosvenor House, 66/67, Athol Street, Douglas Isle of Man, IM99 1XJ, British Isles (GB).

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

(72, 75) JAYARAMAN, Swaminathan [IN/US]; 495 Lowell Place, Fremont, CA 94536 (US).

(74) BIANCO, Paul, D.; Fleit, Kain, Gibbons, Gutman & Bongini & Bianco PL, 601 Brickell Key Drive, Suite 404, Miami, FL 33131 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084763 (13) A2

(21) PCT/US2004/008178

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/390,902 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SELF-INFLATING INTRAGASTRIC VOLUME-OCCUPYING DEVICE

• DISPOSITIF OCCUPANT DU VOLUME INTRAGASTRIQUE AUTO-GONFLABLE

(71) PHAGIA TECHNOLOGY [US/US]; 505 S.E. Central Parkway, Stuart, FL 34994-3992 (US).

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

(72, 75) SAMPSON, Douglas C. [US/US]; P.O. Box 2375, Stuart, FL 34995-2375 (US). ZANAKIS, Michael [US/US]; 5190 S.E. Seascape Way 3-103, Stuart, FL 34997 (US).

(74) ANGERT, Michael, I. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084764 (13) A2
- (21) PCT/US2004/008247
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/445,783 19 Mar/mar 2003 US
(19.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ENDOLUMINAL STENT HAVING
MID-INTERCONNECTING MEMBERS
• ENDOPROTHESE ENDOLUMI-
NALE POURVUE D'ELEMENTS
D'INTERCONNEXION EN POINTS
MEDIANS
- (71) ADVANCED BIO PROSTHETIC SUR-
FACES, LTD. [US/US]; 4778 Research
Drive, San Antonio, TX 78240 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BANAS, Christopher, E. [US/US]; 102
Rock Squirrel, San Antonio, TX 78231 (US).
ROSENBAUM, David, G. [US/US]; 514
Monroe Avenue, Glencoe, IL 60022 (US).
- (74) ROSENBAUM, David, G.; Rosenbaum &
Associates, P.C., 650 Dundee Road, Suite
#380, Chicago, IL 60062 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084766 (13) A2
- (21) PCT/US2004/008794
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/394,588 24 Mar/mar 2003 US
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR
FORMING TOW-BASED ABSORBENT
STRUCTURES WITH A SINGLE CAS-
ING SHEET
• PROCEDE ET APPAREIL DE FOR-
MATION DE STRUCTURES AB-
SORBANTES A BASE D'ETOUE A
FEUILLE ENVELOPPE SIMPLE
- (71) TYCO HEALTHCARE RETAIL SER-
VICES AG [US/US]; Schwertstrasse 9,
CH-8201 Schaffhausen (CH).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) WALTER, John [US/US]; 135 Double
Road, Renfrew, PA 16053 (US). LITVAY,
John, D. [US/US]; 407 Crestwood Lane,
Downtown, PA 19335 (US). EGTED,
Walter [US/US]; 8 Diamond Street, Bur-
gettstown, PA 15021 (US).
- (74) CAMPBELL, Christopher, C. et al. / etc.;
Hunton & Williams LLP, 1900 K Street, N.W.,
Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, A61M 25/00, B65D 81/26
- (11) WO 2004/084767 (13) A1
- (21) PCT/IE2003/000046
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PACKAGING FOR STENTS
AND STENT DELIVERY SYS-
TEMS
• CONDITIONNEMENT POUR EN-
DOPROTHESES ET SYSTEMES
D'APPORT DE PROTHESE
- (71) AVE CONNAUGHT [IE/IE]; Arthur Cox
Building, Earlsfort Terrace, Dublin 2 (IE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) CLARKE, Frank [IE/IE]; 44 Carrig
More, Lackagh, Turloughmor, County Gal-
way (IE). FARRELL, Thomas [IE/IE]; 25
Sli an Bhradan, Claregalway, County Galway
(IE).
- (74) GATES, Marie, Christina, Esther et al.
/ etc.; Tomkins & Co., 5, Dartmouth Road,
Dublin 6 (IE).
- (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 A61F 2/00
- (11) WO 2004/084768 (13) A2
- (21) PCT/US2004/008691
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/455,875 20 Mar/mar 2003 US
(20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • EXPANDABLE SPHERICAL SPINAL
IMPLANT
• IMPLANT VERTEBRAL SPHERIQUE
EXTENSIBLE
- (71) MEDTRONIC INC. [US/US]; MS LC340,
710 Medtronic Parkway, Minneapolis, MN
55432 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BISCUP, Robert, S. [US/US]; 10
Stonecreek Drive, Chagrin falls, OH 44022
(US). LEROUX, Clayton, G. [US/US]; 4244
lake Harbor Way, Avon, OH 44011 (US).
- (74) REVIS, Paul, A. et al. / etc.; MS LC340, 710
Medtronic Parkway, Minneapolis, MN 55432
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084769 (13) A2
- (21) PCT/ZA2004/000035
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03/1663 28 Mar/mar 2003 ZA (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • STENTS
• TUTEURS
- (71, 72) CONWAY, Damian, John [ZA/ZA]; Building 4, The Waverley, Wyecroft Road, 7700 Mowbray (ZA). STARKE, Gregory, Richard [ZA/ZA]; Building 4, The Waverley, Wyecroft Road, 7700 Mowbray (ZA). LEHMANN, Markus [ZA/ZA]; Building 4, The Waverley, Wyecroft Road, 7700 Mowbray (ZA). PARK, Kenneth, Stuart [ZA/ZA]; Building 4, The Waverley, Wyecroft Road, 7700 Mowbray (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084770 (13) A1
- (21) PCT/KR2004/000694
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 10-2003-0019715 28 Mar/mar 2003 KR (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • APPARATUS FOR RESTORING AORTIC VALVE AND TREATMENT METHOD USING THEREOF
• APPAREIL DE RETABLISSEMENT DE LA FONCTION AORTIQUE VALVULAIRE ET PROCEDE DE TRAITEMENT UTILISANT CET APPAREIL
- (71) SCIENCITY CO., LTD. [KR/KR]; 3-Dong, Wonju Medical Instrument Industry Park, 1720-26 Taejang-Dong, Wonju-Shi, Kangwon-Do 220-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SONG, Meong-Gun [KR/KR]; #11-1201, Walkerhill Apt., Gwangjang-dong, Gwangjin-gu, Seoul 143-210 (KR).
- (74) LEE, Sei-Jin 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 A61F 2/16
- (11) WO 2004/084771 (13) A1
- (21) PCT/US2004/008377
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/394,906 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FOLDABLE ANGLE-FIXATED INTRAOCULAR LENS
• LENTILLE INTRA-OCULAIRE REPLIABLE FIXEE A UN ANGLE
- (71) ADVANCED MEDICAL OPTICS, INC. [US/US]; 1700 East St. Andrew Place, Santa Ana, CA 92705 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRADY, Daniel, G. [US/US]; 30121 Saddleridge Drive, San Juan Capistrano, CA 92675 (US).
- (74) GLUCK, Peter, J.; c/o Advanced Medical Optics, Inc., 1700 East St. Andrew Place, Santa Ana, CA 92705 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61F 2/34
- (11) WO 2004/084772 (13) A1
- (21) PCT/EP2004/003093
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) de (26) de
- (30) 103 13 413.1 25 Mar/mar 2003 DE (25.03.2003)
- (30) 10 2004 011 046.8 6 Mar/mar 2004 DE (06.03.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • POLYLOCK INSERT FOR AN ARTIFICIAL HIP JOINT
• PIECE RAPPORTEE DE TYPE POLYLOCK POUR ARTICULATION ARTIFICIELLE DE LA HANCHE
- (71) CERAMTEC AG [DE/DE]; Innovative Ceramic Engineering, Fabrikstrasse 23 - 29, 73207 Plochingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEYEN, Stefan [DE/DE]; Stauterstr. 49, 73776 Altbach (DE). BUNZ, Uwe [DE/DE]; Wielandstr. 19, 72649 Wolfschlügen (DE).
- (74) SCHERZBERG, Andreas; c/o Dynamit Nobel Aktiengesellschaft, Patente, Marken & Lizenzen, 53839 Troisdorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2/42
- (11) WO 2004/084773 (13) A1
- (21) PCT/US2004/007432
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) en (26) en
- (30) 10/394,672 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SPHERE-ON-SPHERE ANKLE PROSTHESIS
• PROTHESE DE CHEVILLE A ARTICULATION SPHERE SUR SPHERE
- (71, 72) FEIWELL, Lawrence, M., D. [US/US]; 3801 Katella Avenue, Los Alamitos, CA 90720 (US).
- (74) FEUCHTWANG, Jonathan, D.; Assistant Patent & Trademark Counsel, Zimmer Technology, Inc., 150 N. Wacker Dr., Suite 1200, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

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

Published / Publiée : (c)

(51)⁷ A61F 2/44

(11) WO 2004/084774 (13) A1

(21) PCT/CH2003/000187

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VERTEBRAL DISC OR INTERVERTEBRAL DISC PROSTHESIS

• PROTHESE DE DISQUE INTERVERTEBRAL OU PROTHESE INTERVERTEBRALE

(71) MATHYS MEDIZINALTECHNIK AG [CH/CH]; Güterstrasse 5, CH-2544 Bettlach (CH).

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(72, 75) STUDER, Armin [CH/CH]; Stöckli-mattstr. 15, CH-4513 Langendorf (CH). TRACHSEL, Jason [CH/CH]; Schürli-strasse 12, CH-2563 Ipsach (CH). WYMANN, Martin [CH/CH]; Rosenweg 13, CH-3097 Liebefeld (CH).

(74) LUSUARDI, Werther; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

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

(51)⁷ A61F 4/00

(11) WO 2004/084775 (13) A1

(21) PCT/RU2003/000448

(22) 23 Oct/oct 2003 (23.10.2003)

(25) ru (26) ru

(30) 2003107814 24 Mar/mar 2003 RU (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTROLLING EXTERNAL UNITS AND DEVICE FOR CONTROLLING EXTERNAL UNITS (VARIANTS)

• PROCEDE POUR PILOTER DES DISPOSITIFS EXTERIEURS ET APPAREIL POUR PILOTER DES DISPOSITIFS EXTERIEURS

(71, 72) KOSIK, Leonid Andreevich [RU/RU]; ul. Noril'skaya, 1-145, Moscow, 129346 (RU). KOSIK, Aleksey Leonidovich [RU/RU]; ul. Noril'skaya, 1-145, Moscow, 129346 (RU). KOSIK, Taras Leonidovich

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(74) KUZNETSOV, Aleksandr Ivanovich; ul. Mosfilmovskaya, 37-2-7, Moscow, 119330 (RU).

(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 A61F 5/00, 13/00, 5/37, 9/00, A61L 15/00

(11) WO 2004/084776 (13) A1

(21) PCT/US2004/009069

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,177 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DYNAMIC SUPINATED SPLINT

• GOUTTIERE DYNAMIQUE A SUPINATION

(71) THE ARIZONA BOARD OF REGENTS [US/US]; Acting on Behalf of Northern Arizona University, 20 East University Drive, Tempe, AZ 85287-3511 (US).

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(72, 75) LEE, Michael, J. [US/US]; 2252 W. Tortolita Bluffs Drive, Tucson, AZ 85742 (US). VONKERSBURG, Ann, E. [US/US]; 740 N. Northern Vista Place, Tucson, AZ 85748 (US). LASTAYO, Paul, C. [US/US]; Salt Lake City, UT (US).

(74) DAO, Tom, H.; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/084777 (13) A2

(21) PCT/DK2004/000211

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PA 2003 00471 27 Mar/mar 2003 DK (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN OSTOMY APPLIANCE

• DISPOSITIF DE STOMIE

(71) COLOPLAST A/S [DK/DK]; Høltedam 1, DK-3050 Humlebaek (DK).

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

(72, 75) CIOK, Danuta [PL/DK]; Violens Kvarter 8, DK-2990 Nivaa (DK). STROEBECH, Esben [DK/DK]; Selmersvej 11, DK-2970 Hørsesholm (DK).

(74) COLOPLAST A/S; Høltedam 1, DK-3050 Humlebaek (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F 5/445

(11) WO 2004/084778 (13) A2

(21) PCT/DK2004/000212

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PA 2003 00472 27 Mar/mar 2003 DK (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN OSTOMY APPLIANCE

• ACCESSOIRE POUR STOMIE

(71) COLOPLAST A/S [DK/DK]; Høltedam 1, DK-3050 Humlebaek (DK).

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(72, 75) CIOK, Danuta [PL/DK]; Violens Kvarter 8, DK-2990 Nivaa (DK). STROEBECH, Esben [DK/DK]; Selmersvej 11, DK-2970 Hørsesholm (DK).

(74) COLOPLAST A/S; Høltedam 1, DK-3050 Humlebaek (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/04

(11) WO 2004/084779 (13) A1

(21) PCT/AU2004/000359

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) PI20031139 27 Mar/mar 2003 MY (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONDOM FASTENER

• ATTACHE DE PRESERVATIF

(71) GUO, Kun, Feng [AU/AU]; 5 Rawton Ave., Northmead, NSW 2152 (AU). TEO, Kion, Yeu [MY/MY]; A-2-3, Tmn Harta Pertama 2, Bukit Baru, 75150 Malaka (MY).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) TEO, See, Hook [MY/MY]; G.P.O. Box 11908, 50762 Kuala Lumpur (MY).

(74) GUO, Kun, Feng; 5 Rawton Ave, Northmead NSW 2152 (AU).

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

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

(11) WO 2004/084780 (13) A1

(21) PCT/KR2003/001150

(22) 11 Jun/juin 2003 (11.06.2003)

(25) en (26) en

(30) 20-2003-0008998 26 Mar/mar 2003 KR (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HOTAND COLD PACK

• EMBALLAGE D'APPERTISATION A CHAUD ET FROID

(71, 72) YANG, Yong Sung [KR/KR]; #1521 DAEWOO-MAISON LIVR bldg., Janghang-dong 750-1 Ilsan-gu, 411-830 Goyang-si Gyeonggi-do (KR).

(74) KANG, Byung Kuk; Na-dong 3F, Wooyuon Bldg., Seocho 3-dong 1557-7 Seocho-gu, SEoul 137-837 (KR).

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

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

(51)⁷ A61F 7/02

(11) WO 2004/084781 (13) A1

(21) PCT/US2004/006916

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/394,378 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF EXTENDING THE THERAPEUTIC DURATION OF A THERMAL THERAPY PRODUCT

• METHODE VISANT A PROLONGER LA DUREE DE L'EFFET THERAPEUTIQUE D'UN PRODUIT DE THERAPIE THERMIQUE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, Wisconsin 54956 (US).

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

(72, 75) AGARWAL, Naveen [IN/US]; 318 Charity Circle, Evansville, Indiana 47712 (US). FISH, Jeffrey, E. [US/US]; 2405 Cammie Wages Road, Dacula, Georgia 30019 (US). WEART, Ilona, F. [US/US]; 506 Drifton Way, Woodstock, Georgia 30188 (US). WILLIS, Jeffrey, M. [US/US]; 836 St. Charles Avenue, Unit G, Atlanta, Georgia 30306 (US).

(74) GARRISON, Scott, B. et al. / etc.; Kimberly-Clark Worldwide, INC., 401 N. Lake Street, Neenah, WI 54956 (US).

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

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

(11) WO 2004/084782 (13) A1

(21) PCT/US2004/006917

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/394,781 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THERMAL THERAPY SLEEVE

• MANCHON DE THERAPIE THERMIQUE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

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

(72, 75) AGARWAL, Naveen [IN/US]; 318 Charity Circle, Evansville, IN 47712 (US). FISH, Jeffrey, E. [US/US]; 2405 Cammie Wages Road, Dacula, GA 30019 (US). WEART, Ilona, F. [US/US]; 506 Drifton Way, Woodstock, GA 30188 (US). WILLIS, Jeffrey, M. [US/US]; 836 St. Charles Avenue, Unit G, Atlanta, GA 30306 (US).

(74) GARRISON, Scott, B. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/15, A61L 15/60, A61F 13/534

(11) WO 2004/084783 (13) A1

(21) PCT/SE2004/000354

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 0300877-8 26 Mar/mar 2003 SE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ABSORBENT ARTICLE COMPRISING AN ABSORBENT STRUCTURE

• ARTICLE ABSORBANT COMPRENANT UNE STRUCTURE ABSORBANTE

(71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-405 03 Göteborg (SE).

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(72, 75) HANSSON, Charlotta [SE/SE]; Carlandersplatsen 3, S-412 55 Göteborg (SE). GUIDOTTI, Ted [US/SE]; Östermorgatan 10, S-412 67 Göteborg (SE). ANSTEDDAHL, Eje [SE/SE]; Rödingsgatan 13, S-426 58 Västra Frölunda (SE). BAGGER-SJÖBÄCK, Anna [SE/SE]; Bangatan 24c, S-414 63 Göteborg (SE).

(74) STRÖM & GULLIKSSON IP AB; Wallenbergs Gata 4, S-583 35 Linköping (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, A61L 15/60, A61F 13/534

(11) WO 2004/084784 (13) A1

(21) PCT/SE2004/000048

(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) 0300878-6 26 Mar/mar 2003 SE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ABSORBENT ARTICLE COMPRISING
AN ABSORBENT STRUCTURE

• ARTICLE ABSORBANT A STRUC-
TURE ABSORBANTE

(71) SCA HYGIENE PRODUCTS AB [SE/SE];
S-405 03 Göteborg (SE).

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

(72, 75) GUIDOTTI, Ted [US/SE]; Anneholms-
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WARDSSON, Gunnar [SE/SE]; Klarviksvä-
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SON, Malin [SE/SE]; Vetekornsgatan 6,
S-431 46 Mölndal (SE).

(74) STRÖM & GULLIKSSON IP AB; Wallen-
bergs gata 4, S-583 35 Linköping (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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, A61L 15/60

(11) WO 2004/084785 (13) A1

(21) PCT/SE2004/000049

(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) 0300879-4 26 Mar/mar 2003 SE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ABSORBENT ARTICLE COMPRISING
AN ABSORBENT STRUCTURE

• ARTICLE ABSORBANT COMPRE-
NANT UNE STRUCTURE ABSOR-
BANTE

(71) SCA HYGIENE PRODUCTS AB [SE/SE];
S-405 03 GÖTEBORG (SE).

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les États désignés sauf US)

(72, 75) GUIDOTTI, Ted [US/SE]; Anneholms-
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NUSSON, Ing-Britt [SE/SE]; Oxelvägen 22,
S-435 37 MÖLNLYCKE (SE). PEHRSON,
Madeleine [SE/SE]; Skiffervägen 9, S-435 42
MÖLNLYCKE (SE).

(74) STRÖM & GULLIKSSON IP AB; Wallen-
bergs gata 4, S-583 35 LINKÖPING (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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, 13/56

(11) WO 2004/084786 (13) A1

(21) PCT/US2004/006410

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/394,358 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONVERTIBLE PREFASTENED DIA-
PER/PANT

• COUCHE/CULOTTE PREATTACHEE
CONVERTIBLE

(71) KIMBERLY-CLARK WORLDWIDE,
INC. [US/US]; 401 N. Lake Street, Neenah,
WI 54956 (US).

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

(72, 75) BISHOP, David, Fleger [US/US];
N9632 Darboy Drive, Appleton, WI 54915
(US). BALOGH, Bridget, Ann [US/US];
349 Cleveland Street, Menasha, WI 54952
(US). MEYER, Mary, Jo [US/US]; 737
Manchester Road, Neenah, WI 54956 (US).

(74) CONNELLY, Thomas, J. et al. / etc.; Kim-
berly-Clark Worldwide, Inc., 401 N. Lake
Street, Neenah, WI 54956 (US).

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

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

(51)⁷ A61G 5/10, B60B 37/10

(11) WO 2004/084787 (13) A1

(21) PCT/DK2004/000208

(22) 26 Mar/mar 2004 (26.03.2004)

(25) da (26) en

(30) PA 2003 00469 27 Mar/mar 2003 DK
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WHEEL COUPLING

• RACCORD DE ROUES

(71) ROLKO SCANDINAVIA APS [DK/DK];
Suensonsvej 2, DK-8600 Silkeborg (DK).

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

(72, 75) GRUNDIES, Rainer [DK/DK];
Mølleruplundvej 15, DK-8600 Silkeborg
(DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000
Århus C (DK).

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

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

(51)⁷ A61G 17/08

(11) WO 2004/084788 (13) A1

(21) PCT/KR2004/000674

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ko (26) en

(30) 10-2003-0018879 26 Mar/mar 2003 KR
(26.03.2003)

(30) 20-2003-0010853 9 Apr/avr 2003 KR
(09.04.2003)

(30) 10-2003-0022284 9 Apr/avr 2003 KR
(09.04.2003)

(30) 20-2003-0014761 13 May/mai 2003 KR
(13.05.2003)

(30) 10-2004-0020316 25 Mar/mar 2004 KR
(25.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SOLIDIFIED ASHES, SOLIDIFIED
ASHES URN AND MANUFACTURING
METHODS THEREOF

• CENDRES SOLIDIFIÉES, URNES DE
CENDRES SOLIDIFIÉES ET PROCÉDE
DE FABRICATION ASSOCIÉE

(71, 72) BAE, Jae-Yeol [KR/KR]; 313-1, Song-
jeong-dong, Icheon-si, Gyeonggi-do 467-040
(KR).

(74) NAM, Sang-Sun; 9th Fl., Mackyung Me-
dia Center, 30, 1-ga, Pil-dong, Jung-ku, Seoul
100-728 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(11) WO 2004/084789 (13) A1

(21) PCT/JP2004/004389

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086012 26 Mar/mar 2003 JP
(26.03.2003)(30) 2003-333728 25 Sep/sep 2003 JP
(25.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MASSAGE MACHINE
• DISPOSITIF DE MASSAGE(71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJIWARA, Shigeki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(74) ITAYA, Yasuo; Tokushima Bldg. 7F., 9-10, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 5420081 (JP).

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

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

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(51)⁷ A61H 23/04, 9/00

(11) WO 2004/084790 (13) A1

(21) PCT/GB2004/001336

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307097.6 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPRESSION DEVICE FOR THE LIMB
• DISPOSITIF DE COMPRESSION DE MEMBRE(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; 345 Park Avenue, New York, NY 10154 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILD, David, Geoffrey [GB/GB]; 96 Pipers Lane, Heswall, Wirral, CH60 9HL (GB). FERNANDEZ, Jose, Arsenio [ES/GB]; 159 Hifields, Brackla, Bridgend, CF31 2PE (GB). TABRON, Ian, Stewart [GB/GB]; "Kima", Top Road, Frodsham, Cheshire, WA6 6SP (GB). BONNEFIN, Wayne, Lee [GB/GB]; 12 Churton Road, Boughton, Chester, CH3 5EB (GB). LINNANE, Patrick, Gerrard [IE/GB]; 28

Salisbury Street, Chester CH1 4BU (GB). KERSHAW, David [GB/GB]; 6 Hinderton Road, Neston, South Wirral, CH64 9PQ (GB). COURT, Andrew, David [GB/GB]; One Ash, Mudhouse Lane, Burton, Neston, Cheshire CH64 5TS (GB). HANMER, Paul [GB/GB]; 18 Newton Hall Mews, Newton Hall Drive, Newton, Chester CH2 1PQ (GB).

(74) MAYS, Julie; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

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

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

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(51)⁷ A61H 33/06

(11) WO 2004/084791 (13) A1

(21) PCT/AT2004/000107

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) A 492/2003 28 Mar/mar 2003 AT
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR OPERATING A WARM OR HOT AIR CABIN AND CORRESPONDING WARM AIR CABIN FOR CARRYING OUT SAID METHOD
• PROCEDE DE FONCTIONNEMENT D'UNE CABINE D'AIR CHAUD OU D'AIR FROID ET CABINE D'AIR CHAUD DESTINEE A L'APPLICATION DE CE PROCEDE

(71, 72) HASLAUER, Paul [AT/AT]; Moosstrasse 103, A-5020 Salzburg (AT).

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

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

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

(51)⁷ A61J 1/00

(11) WO 2004/084792 (13) A1

(21) PCT/SE2004/000448

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en

(26) en

(30) 0300855-4 26 Mar/mar 2003 SE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR A BODY FLUID BAG
• DISPOSITIF POUR UNE POCHE DE LIQUIDES ORGANIQUES(71) ADDSAFE TECHNOLOGY AB [SE/SE]; c/o Inventron AB, Energigatan 17, S-434 37 Kungälv (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INGVARSSON, Henrik [SE/SE]; Rönnbacken 21, S-439 37 Onsala (SE).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61J 1/05

(11) WO 2004/084793 (13) A1

(21) PCT/EP2004/000487

(22) 22 Jan/jan 2004 (22.01.2004)

(25) de (26) de

(30) 103 13 760.2 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONNECTOR FOR PACKINGS CONTAINING MEDICAL LIQUIDS, AND CORRESPONDING PACKING FOR MEDICAL LIQUIDS

• CONNECTEUR POUR EMBALLAGES CONTENANT DES LIQUIDES MEDICAUX ET EMBALLAGE POUR LIQUIDES MEDICAUX

(71) FRESENIUS KABI DEUTSCHLAND GMBH [DE/DE]; Else-Kröner-Strasse 1, 61352 Bad Homburg v.d.H. (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRANDERBURGER, Torsten [DE/DE]; Sternbacher Strasse 70, 61194 Niddatal (DE). HEILMANN, Klaus [DE/DE]; Weideweg 1, 66606 St. Wendel (DE). KNIERBEIN, Bernd [DE/DE]; Emil-Müller-Weg 5, 61267 Neu-Anspach (DE).

(74) OPPERMANN, Frank et al. / etc.; John-F.-Kennedy-Strasse 4, 65189 Wiesbaden (DE).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 A61J 1/05

(11) WO 2004/084794 (13) A1

(21) PCT/JP2004/004225

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-87242 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GALENICAL-EXTRACT-BLENDED
LIQUID MEDICINE PACK
• EMBALLAGE DE MEDICAMENT
LIQUIDE MELANGE-EXTRAIT-GA-
LENIQUE

(71) MATSUURA YAKUGYO CO., LTD.
[JP/JP]; 2-22, Marunouchi 3-chome,
Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).
WAKUNAGA PHARMACEUTICAL
CO., LTD. [JP/JP]; 5-36, Miyahara 4-chome,
Yodogawa-ku, Osaka-shi, Osaka 532-0003
(JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MATSUURA, Keiichi [JP/JP]; c/o
Matsuura Yakugyo Co., Ltd., 2-22,
Marunouchi 3-chome, Naka-ku, Nagoya-shi,
Aichi 460-0002 (JP). IWASHIMA,
Kiyoshi [JP/JP]; c/o Matsuura Yakugyo
Co., Ltd., 2-22, Marunouchi 3-chome,
Naka-ku, Nagoya-shi, Aichi 460-0002
(JP). FUKATSU, Yoshihito [JP/JP];
c/o Matsuura Yakugyo Co., Ltd., 2-22,
Marunouchi 3-chome, Naka-ku, Nagoya-shi,
Aichi 460-0002 (JP). SASAKI, Tetsuyuki
[JP/JP]; c/o Wakunaga Pharmaceutical Co.,
Ltd., 1624, Shimokotachi, Koda-cho,
Takata-gun, Hiroshima 739-1195 (JP).
SAKAI, Kazuyuki [JP/JP]; c/o Wakunaga
Pharmaceutical Co., Ltd., 1624, Shimoko-
tachi, Koda-cho, Takata-gun, Hiroshima
739-1195 (JP).

(74) USAMI, Tadao; No.102, 32, Tsukimigaoka,
Yatomi-cho, Mizuho-ku, Nagoya-shi, Aichi
467-0035 (JP).

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

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

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

(51)⁷ A61J 1/06, G06K 7/06, 19/067, G09F 3/02

(11) WO 2004/084795 (13) A1

(21) PCT/DK2004/000199

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) PA200300448 24 Mar/mar 2003 DK
(24.03.2003)

(30) 60/457,180 25 Mar/mar 2003 US
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSPARENT ELECTRONIC MARK-
ING OF A MEDICATION CARTRIDGE
• MARQUAGE ELECTRONIQUE
TRANSPARENT DE CARTOUCHE
DE MEDICAMENTS

(71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, Bagsværd 2880 (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHRISTOFFERSEN, Lasse, Wengel
[DK/DK]; Mørkøj Bygade 14, Søborg 2860
(DK). NIELSEN, Preben, Mikael [DK/DK];
Rølgædsvej 9, 2.tv., Holbæk 4300 (DK).
BERGGREN, Bo, Erik, Lennart [SE/SE];
Handskmakaregatan 4, Lund 22736 (SE).

(74) ZACCO DENMARK A/S; Hans
Bekkevolds Allé 7, Hellerup 2900 (DK).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084796 (13) A2

(21) PCT/IB2004/001429

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,635 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOUNDS FOR THE TREATMENT
OF FLAVIVIRIDAE INFECTIONS
• COMPOSES PERMETTANT DE TRAI-
TER LES INFECTIONS PAR FLAVIVI-
RUS

(71) PHARMASSET LTD. [BB/BB]; The Fi-
nancial Services Center, Suite 111, Bishop's
Court Hill, St Michael (BB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STUYVER, Lieven, J. [BE/BE];
Holestraat 8, B-9552 Herzele (BE).

(74) HALLYBONE, Huw, George et al. / etc.;
Carpmaels & Ransford, 43-45 Bloomsbury
Square, London WC1A 2RA (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084797 (13) A2

(21) PCT/IB2004/000579

(22) 20 Feb/fév 2004 (20.02.2004)

(25) ja (26) ja

(30) 2003-054073 28 Feb/fév 2003 JP
(28.02.2003)

(30) 2003-301382 26 Aug/août 2003 JP
(26.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TYPE 2 DIABETES MELLITUS-ASSO-
CIATED GENE AND UTILIZATION OF
THE SAME

• GENE ASSOCIE AU DIABETE SUCRE
DU TYPE 2 ET SON UTILISATION

(71) HUBIT GENOMIX, INC. [JP/JP]; 2-19,
Hayabusa-cho, Chiyoda-ku, Tokyo 102-0092
(JP).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) DAIMON, Makoto [JP/JP]; 5-28, Saku-
radanishi 3-chome, Yamagata-shi, Yamagata
9902321 (JP). KATO, Takeo [JP/JP]; 2-5,
Asahidai 2-chome, Kaminoyama-shi, Yama-
gata 9993164 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu
Tsukuba Building 6F, 1-1-1, Oroschi-machi,
Tsuchiura-shi, Ibaraki 3000847 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE 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 2004/084798 (13) A2
(21) PCT/IL2004/000275
(22) 25 Mar/mar 2004 (25.03.2004)
(25) en (26) en
(30) 10/396,578 26 Mar/mar 2003 US
(26.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ANTIGEN-PRESENTING COM-
PLEX-BINDING COMPOSITIONS AND
USES THEREOF
• COMPOSITIONS DE LIAISON AVEC
UN COMPLEXE A ANTIGENE, ET
UTILISATIONS
(71) TECHNION RESEARCH & DEVELOP-
MENT FOUNDATION LTD. [IL/IL]; Sen-
ate House, Technion City, Haifa 32 000 (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) REITER, Yoram [IL/IL]; 20 HaSahlav
Street, Haifa 34 790 (IL). COHEN, Cyril
[IL/IL]; 4 Hashitah Street, Nesher 36 800 (IL).
(74) G.E. EHRLICH (1995) LTD.; 11 Men-
achem Begin Street, Ramat Gan 52 521 (IL).
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BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
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VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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
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(21) PCT/IL2004/000279
(22) 25 Mar/mar 2004 (25.03.2004)
(25) en (26) en
(30) 155111 27 Mar/mar 2003 IL
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(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PHARMACEUTICAL COMPOSITIONS
FOR INHIBITING METAL ION DEPEND-
ENT ENZYMIC ACTIVITY AND
METHODS FOR THE USE THEREOF
• COMPOSITIONS PHARMACEU-
TIQUES DESTINEES A INHIBER
L'ACTIVITE ENZYMATIQUE DEPEND-
ANTE DES IONS METALLIQUES
ET TECHNIQUES D'UTILISATION DE
CELLES-CI
(71, 72) APPELBAUM, Jerachmiel [IL/IL]; 7
Ein Rogel St., IL-93543 Jerusalem (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 60/406,850 29 Aug/août 2002 US
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(43) 7 Oct/oct 2004 (07.10.2004)
(54) • A, RECEPTOR-MEDIATED CARDIO-
PROTECTIVE PROTEINS AND THER-
APEUTIC AND DIAGNOSTIC METH-
ODS OF USE
• PROTEINES CARDIOPROTECTRICES
A MEDIATION DU RECEPTEUR
A<SB>3</SB>, LEURS METHODES
THERAPEUTIQUES ET DIAGNOS-
TIQUES D'UTILISATION
(71) PFIZER PRODUCTS INC. [US/US]; East-
ern Point Road, Groton, CT 06340-5196
(US). OXFORD GLYCOSCIENCES (UK)
LTD. [GB/GB]; The Forum, 86 Milton Park,
Abingdon, Oxfordshire OX14 4RY (GB).
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les États désignés sauf US)*
(72, 75) THOMPSON, John, F. [US/US];
80 Hallmark Drive, Warwick, RI 02886
(US). POTTER, David, M. [US/US]; 200
Michelle Lane, #106, Groton, CT 06340
(US). KNIGHT, Delvin, R., Jr. [US/US];
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(US). GUALBERTO, Antonio [ES/US];
300 Grand View Road, East Greenwich,
CT 02818 (US). LANDSCHULZ, Kather-
ine, T. [US/US]; 63 Grassy Hill Road,
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Herath, Mudiyansele, Athula, Chan-
drasiri [GB/GB]; The Forum, 86 Milton
Park, Abingdon OX14 4RY (GB). ROHLFF,
Christian [GB/GB]; The Forum, 86 Milton
Park, Abingdon, Oxfordshire OX14 4RY
(GB).
(74) ARNOLD, Beth, E. et al. / etc.; Patent
Group, Foley Hoag LLP, 155 Seaport Boule-
vard, Boston, MA 02210 (US).
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BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(43) 7 Oct/oct 2004 (07.10.2004)
(54) • TREATMENTS FOR LEISHMANIASIS
• TRAITEMENTS DE LA LEISHMA-
NIOSE
(71) SMITHSONIAN TROPICAL RE-
SEARCH INSTITUTE [US/PA]; Unit
0948, APO AA 34002-0948 (US).
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(72, 75) RIOS, Luis, Cubilla [PA/PA]; Univer-
sidad de Panama, Facultad de Ciencias Nat-
urales, Exactas y Tecnología, Estafeta Uni-
versitaria, Apartado 10835 (PA). ROMERO,
Luz, I. [MX/PA]; Florida State University,
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Sciences, Edificio 1034, La Boca, Balboa,
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Sciences, Edificio 1034, La Boca, Balboa,
Panama City (PA). CAPSON, Todd [US/PA];
Smithsonian Tropical Research Institute, Unit
0948, APO AA 34002-0948 (US).
(74) GOLLIN, Michael, A.; Venable, LLP, 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 PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE 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) 21 Nov/nov 2003 (21.11.2003)
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(30) 60/428,067 21 Nov/nov 2002 US
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(43) 7 Oct/oct 2004 (07.10.2004)
(54) • GLYCOCONJUGATE SENSORS
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JUGUES
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Office of Academic Affairs, 6 Metrotech Cen-
ter, Brooklyn, NY 11201 (US).
(72) LEVON, Kalle; 3 East 69th Street, New
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Brooklyn, NY 11214 (US).

(74) **POKOTYLO, John, C.**; Straub & Pokotylo, 620 Tinton Avenue, Bldg. B, 2nd Floor, Tinton Falls, NJ 07724-3260 (US).

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

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(30) 10/394,833 **21 Mar/mar 2003 US (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR MEASURING BIOMECHANICAL CHARACTERISTICS OF CORNEAL TISSUE

• METHODE ET APPAREIL DE MESURE DES CARACTERISTIQUES BIOMECA-
NIQUES DU TISSU CORNEEN

(71) **REICHERT, INC.** [US/US]; 3374 Walden Avenue, Depew, NY 14043 (US).

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

(72, 75) **LUCE, David, A.** [US/US]; 6034 Goodrich Road, Clarence Center, NY 14032 (US).

(74) **SNYDER, George, L., Jr.** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 2004/084804** (13) A2

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(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) 60/457,261 **24 Mar/mar 2003 US (24.03.2003)**

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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS, COMPOSITIONS AND KITS FOR THE DETECTION AND MONITORING OF LUNG CANCER

• METHODES, COMPOSITIONS ET TROUSSES POUR LA DETECTION ET POUR LA SURVEILLANCE D'UN CANCER DU POU MON

(71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).

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(72, 75) **ZEHEHTNER-WILKINSON, Barbara, K.** [DE/US]; 7770 NE Harbor View Dr., Poulsbo, WA 98370 (US). **HAYES, Dawn, C. J.** [US/US]; 8309 308th Ave. SE, Preston, WA 98050 (US). **HOUGHTON, Raymond, L.** [US/US]; 2636 - 242nd Place SE, Bothell, WA 98021 (US).

(74) **LINGENFELTER, Susan, L.** et al. / etc.; Corixa Corporation, 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 60/456,468 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ACETYLATED TAT POLYPEPTIDES AND METHODS OF USE THEREOF

• POLYPEPTIDES TAT ACETYLES ET PROCÉDES D'UTILISATION DE CEUX-CI

(71) **THE J. DAVID GLADSTONE INSTITUTES** [US/US]; P.O. Box 419100, San Francisco, CA 94141-9100 (US).

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(72, 75) **DOERR, Alexander, P.** [DE/CH]; 9, rue du Mont-Blanc, CH-1201 Geneva (CH). **OTT, Melanie** [DE/US]; 177 Liberty Street, San Francisco, CA 94110 (US). **VERDIN, Eric** [BE/US]; 177 Liberty Street, San Francisco, CA 94110 (US).

(74) **BORDEN, Paula, A.**; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

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

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

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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROTEIN MODIFICATION AND MAINTENANCE MOLECULES

• MOLECULES DE MODIFICATION ET DE CONSERVATION DE PROTEINES

(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) **BAUGHN, Mariah, R.** [US/US]; 8547 W. Horner Street, Los Angeles, CA 90035 (US). **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). **KABLE, Amy, E.** [US/US]; 9403 Curran Road, Silver Spring, MD 20901 (US). **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **EMERLING, Brooke, M.** [US/US]; 833 W. Buena Avenue, #2108, Chicago, IL 60613 (US). **LEE, Soo, Yeun** [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). **HAFALIA, April, J., A.** [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (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). **WANG, Jonathan, T.** [US/US]; 173 Campbell Drive, Mountain View, CA 94043 (US). **NAKAMURA, Lisa, L.** [US/US]; 950 Pocatello Avenue, Sunnyvale, CA 94087 (US). **YANG, Junming** [CN/US]; 7125 Bark Lane, San Jose, CA 95129 (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). **WILSON, Amy, D.** [US/US]; 5301 Newcastle Avenue, #30, Encino, CA 91316 (US).
- (74) **FOLEY & LARDNER LLP**; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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**
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- (21) PCT/US2004/008086
- (22) **17 Mar/mar 2004 (17.03.2004)**
- (25) en (26) en
- (30) 60/457,213 **24 Mar/mar 2003** US (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ANIMAL WITH SURGICALLY MODIFIED GASTROINTESTINAL TRACT AND METHOD FOR STUDY OF WEIGHT REDUCTION
- ANIMAL PRESENTANT UN TRAC-TUS GASTRO-INTESTINAL MODIFIE CHIRURGICALEMENT, ET METHODE POUR ETUDIER L'AMAIGRISSEMENT
- (71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; Post Office Box 9, 35 State Street, Albany, NY 12201-0009 (US).
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- (72, 75) **MEGUID, Michael, M.** [US/US]; 248 Oarlock Circle, East Syracuse, NY 13057 (US).
- (74) **RABIN, Sander**; Sander Rabin MD JD, Convergent Technology Patent Law Group, 2 Irving Place, Troy, NY 12180-4417 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (11) **WO 2004/084809** (13) **A2**
- (21) PCT/US2004/008108
- (22) **16 Mar/mar 2004 (16.03.2004)**
- (25) en (26) en
- (30) 60/456,136 **20 Mar/mar 2003** US (20.03.2003)
- (30) 60/505,119 **23 Sep/sep 2003** US (23.09.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NEUROPROTECTIVE MACROCYCLIC COMPOUNDS AND METHODS FOR THEIR USE
- COMPOSES MACROCYCLIQUES NEUROPROTECTEURS ET PROCÉDES D'UTILISATION DE CES COMPOSES
- (71) **NEURONZ LIMITED** [NZ/NZ]; Level 3, 2-6 Park Avenue, Grafton, Auckland 1030 (NZ). **NEURONZ BIOSCIENCES, INC.** [US/US]; 2711 Centerville Road - Suite 400, Wilmington, De 19801 (US).
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- (72, 75) **HARRIS, Paul, W., R.** [NZ/NZ]; 111 Christian Road, Swansan, Auckland 1030 (NZ). **BRIMBLE, Margaret, Anne** [NZ/NZ]; 11 A Torrance Street, Epsom, Auckland 1003 (NZ).
- (74) **BORSON, D., Benjamin**; Fliesler Meyer LLP, Four Embarcadero Center, Fourth Floor, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/084810** (13) **A2**
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- (22) **16 Mar/mar 2004 (16.03.2004)**
- (25) en (26) en
- (30) 10/395,812 **21 Mar/mar 2003** US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOVEL IMIDAZOLINE RECEPTOR HOMOLOGS
- NOUVEAUX HOMOLOGUES DES RECEPTEURS DE L'IMIDAZOLINE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; Route 206 and Province Line Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FEDER, John, N.** [US/US]; 277 Dutch-town Zion Road, Belle Mead, NJ 08502 (US). **KINNEY, Gene, G.** [US/US]; 4125 Justin Ct., Collegeville, PA 19426 (US). **MINTIER, Gabriel** [US/US]; 318 Morrison Avenue, Hightstown, NJ 08520 (US). **RAMANATHAN, Chandra, S.** [IN/US]; 41 Alison Avenue, Wallingford, CT 06492 (US). **BOL, David, K.** [US/US]; 8904 Brink Road, Gaithersburg, Maryland 20882 (US). **RYSECK, Rolf-Peter** [DE/US]; 48 Brophy Drive, Ewing, NJ 08638 (US).
- (74) **D'AMICO, Stephen, C.** et al. / etc.; Bristol-Myers Squibb Company, Route 206 &

- Provinceline Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 60/456,553 20 Mar/mar 2003 US (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CRYSTALS AND STRUCTURES OF EPIDERMAL GROWTH FACTOR RECEPTOR KINASE DOMAIN
- CRISTAUX ET STRUCTURES DU DOMAINE KINASE DES RECEPTEURS DU FACTEUR DE CROISSANCE EPI-
DERMIQUE
- (71) STRUCTURAL GENOMIX, INC. [US/US]; 10505 Roselle Street, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ATWELL, Shane [US/US]; 5055 Saratoga Avenue #6, San Diego, CA 92107 (US). BUCHANAN, Sean, Grant [GB/US]; 1285 Hymettus Avenue, Encinitas, CA 92024 (US).
- (74) LAU, Kawai; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084812 (13) A2
- (21) PCT/US2004/008275
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,967 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TAMANDARIN ANALOGS AND FRAGMENTS THEREOF AND METHODS OF MAKING AND USING
- ANALOGUES DE ≤ TAMANDARIN ≥, FRAGMENTS ASSOCIES ET LEURS METHODES D'ELABORATION ET D'UTILISATION
- (71, 72) JOULLIE, Madeleine M. [US/US]; 288 St. James Place, Philadelphia, Pennsylvania 19106 (US).
- (74) COVERT, JOHN M. et al. / etc.; STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, District of Columbia 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61K
- (11) WO 2004/084813 (13) A2
- (21) PCT/US2004/008301
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/456,872 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CHEMICAL COMPOUNDS
- COMPOSES CHIMIQUES
- (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) ALBERTI, Michael, John [US/US]; c/o GlaxoSmithKline, Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). DREWRY, David, Harold [US/US]; c/o GlaxoSmithKline, Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). MILLER, David, Drysdale [GB/GB]; c/o GlaxoSmithKline, Medicines Research Centre, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). BAMBOROUGH, Paul [GB/GB]; c/o GlaxoSmithKline, Medicines Research Centre, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) LEVY, David, J. et al. / etc.; GlaxoSmithKline, Corporate Intellectual Property Dept., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084815 (13) A2
- (21) PCT/US2004/008347
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/455,591 19 Mar/mar 2003 US (19.03.2003)
- (30) 60/455,553 19 Mar/mar 2003 US (19.03.2003)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084815 (13) A2
- (21) PCT/US2004/008347
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/455,591 19 Mar/mar 2003 US (19.03.2003)
- (30) 60/455,553 19 Mar/mar 2003 US (19.03.2003)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VIRULENCE GENES OF H. PYLORI IN GASTRIC CANCER

• GENES DE VIRULENCE DE H. PYLORI DANS LE CANCER GASTRIQUE

(71) UNIFORMED SERVICES UNIVERSITY OF HEALTH SCIENCES THE HEALTH SERVICES [US/US]; 4301 Jones Bridge Road, Bethesda, MD 20814 (US).

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(72, 75) DUBOIS, Andre [US/US]; 10017 Frederick Avenue, Kensington, MD 20895 (US). LIU, Hui [US/US]; 18107 Black Gold Way, Boyds, MD 20841 (US). SEMINO-MORA, Cristina [US/US]; 4400 East West Highway, Bethesda, MD 28014 (US).

(74) REMENICK, James et al. / etc.; Morrison & Foerster LLP, 1650 Tysons boulevard, Suite 300, McLean, VA 22102 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084816 (13) A2

(21) PCT/US2004/008362

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,695 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED CD4-IgG2 FORMULATIONS

• FORMULATIONS CD4-IGG2 AMELIO-REES

(71) PROGENICS PHARMACEUTICALS, INC. [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

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(72) SCHULKE, Norbert; 101 Ridge Road, New City, NY 10956 (US). OLSON, William, C.; 21 Fawn Court, Ossining, NY 10956 (US).

(74) WHITE, John, P.; Cooper & Dunahm LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084817 (13) A2

(21) PCT/US2004/008366

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/392,557 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SIDEROPHORE CONJUGATES OF PHOTOACTIVE DYES FOR PHOTODYNAMIC THERAPY

• CONJUGUES DE SIDEROPHORES DE COULEURS PHOTOACTIVES POUR THERAPIE PHOTODYNAMIQUE

(71) CERAMOPTEC INDUSTRIES, INC. [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).

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

(72) GRÄFE, Susanna; Buchaerstr. 6 B, 07745 Jena (DE). GEBHARDT, Peter; Talstr. 41, 07743 Jena (DE). ALBRECHT, Volker; Iltisweg 8 B, 07749 Jena (DE).

(74) SKUTNIK, Bolesh, J.; CERAMOPTEC INDUSTRIES, INC., 515 Shaker Road, East Longmeadow, MA 01028 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084818 (13) A2

(21) PCT/US2004/008395

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/456,909 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEASUREMENT OF ESTROGEN ACTIVITY IN PLANTS AND A COMPOSITION THEREFROM

• MESURE DE L'ACTIVITE OESTROGENIQUE DANS DES VEGETAUX ET COMPOSITION VEGETALE ASSOCIEE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 5th floor, Oakland, CA 94607 (US).

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(72, 75) KLEIN, Karen, O. [US/US]; 3020 Children's Way, MC 5103, San Diego, CA 92123 (US). CHANG, R., Jeffrey [US/US]; 9500 Gilman Drive, MC 0633, La Jolla, CA 92093 (US).

(74) WAX, Jeffrey, S.; The Wax Law Group, 2118 Wilshire Blvd., Ste.407, Santa Monica, CA 90403 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)**(u) for / pour US only / seulement; (u) for / pour US only / seulement*(51)⁷ A61K

(11) WO 2004/084819 (13) A2

(21) PCT/US2004/008399

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,590 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POLY(ACRYLOYL-HYDROXYETHYL STARCH)-PLGA COMPOSITE MICROSPHERES

• MICROSPHERES POLY(ACRYLOYL-HYDROXYETHYL AMIDON)-PLGA COMPOSITES

(71) UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION [US/US]; 442 Bowman Hall, Lexington, KY 40506-0058 (US).

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

(72, 75) DELUCA, Patrick [US/US]; 3292 Nantucket Drive, Lexington, KY 40502 (US). JIANG, Ge [CN/US]; 3204-11 Stonethrow Lane, Durham, NC 27713 (US). WOO, Byung [KR/US]; 1329 Lunt Court, Schaumburg, IL 60193 (US).

(74) REA, Teresa, Stanek 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61K

(11) WO 2004/084820 (13) A2

(21) PCT/US2004/008442

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,271 19 Mar/mar 2003 US (19.03.2003)

(30) 60/532,487 26 Dec/déc 2003 US (26.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR DETERMINING INSULIN DOSING SCHEDULES AND CARBOHYDRATE-TO-INSULIN RATIOS IN DIABETIC PATIENTS

• PROCÉDÉ ET SYSTÈME PERMETTANT DE DÉTERMINER DES SCHÉMAS DE DOSAGE D'INSULINE ET DES RAPPORTS HYDRATES DE CARBONE/INSULINE CHEZ DES PATIENTS DIABÉTIQUES

(71, 72) HEBBLEWHITE, Harry [US/US]; 52 Interlochen Drive, Atlanta, GA 30342 (US). DAVIDSON, Paul, C. [US/US]; 3005 River North Parkway, Atlanta, GA 30328 (US).

(74) DEVEAU, Todd; Thomas, Kayden, Horstemeier & Risley, LLP, Suite 1750, 100 Galleria Parkway, Atlanta, GA 30339 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084821 (13) A2

(21) PCT/US2004/008457

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,302 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEMIPTERAN GLUTAMATE DECARBOXYLASE

• HEMIPTERAN GLUTAMATE DECARBOXYLASE

(71) FMC CORPORATION [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Ruihua [CN/US]; 16 Labrador Drive, Kendall Park, NJ 08824 (US). GILBEY, Susan, N. [US/US]; 152 Washington Street, Camden, ME 04843 (US). WONG, Victoria, Y. [US/US]; 5 Bush Lane, Enfield, CT 06082 (US). HALLING, Blake [US/US]; 1384 Chase Road, Newtown, PA 18940 (US). ALLENZA, Paul [US/US]; 16 Pleasant View Way, Flemington, NJ 08822 (US).

(74) SHEEHAN, John, M.; FMC Corporation, 1735 Market Street, Philadelphia, PA 19103 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084822 (13) A2

(21) PCT/US2004/008500

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,789 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR INDUCING IMMUNE TOLERANCE

• PROCÉDES D'INDUCTION D'UNE TOLÉRANCE IMMUNITAIRE

(63) US 60/456,789 (CON) 21 Mar/mar 2003 (21.03.2003)

(71) THE REGENTS OF INIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200 (US).

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(72, 75) MODLIN, Robert, L. [US/US]; 4034 Benedict Canyon, Sherman Oaks, CA 91423 (US). BLEHARSKI, Joshua, R. [US/US]; 1850 Camden Avenue, #8, Los Angeles, CA 90025 (US). COLONNA, Marco [IT/US]; 5096 Waterman Boulevard, Unit C, St. Louis, MO 63108 (US).

(74) HAILE, Lisa, A.; Gray Cary Ware & friedrich LLP, 4365 Executive Drive, Suite 1100, San Diego, CA 92121-2133 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084823 (13) A2

(21) PCT/US2004/008502

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,652 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTIBODIES AGAINST T CELL IMMUNOGLOBULIN DOMAIN AND MUCIN DOMAIN 1 (TIM-1) ANTIGEN AND USES THEREOF

• ANTICORPS CONTRE L'ANTIGÈNE DE LYMPHOCYTES T, DU DOMAINE D'IMMUNOGLOBULINE ET DU DOMAINE 1 DE MUCINE (TIM-1) ET LEURS UTILISATIONS

(71) ABGENIX, INC. [US/US]; 6701 Kaiser Drive, Fremont, CA 94555 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANDES, Gregory, M. [US/US]; 1603 Vetta Drive, Livermore, CA 94550 (US). CHEN, Francine [US/US]; 2660 31st Avenue, San Francisco, CA 94116 (US). BEZABEH, Binyam [US/US]; 314 Perkins Street, #105, Oakland, CA 94610 (US). FOLTZ, Ian [CA/CA]; 203-1510 West 1st Avenue, Vancouver, British Columbia V6J 4S3 (CA).

(74) MALLON, Joseph, J.; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

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

- DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 2004/084824 (13) A2
(21) PCT/US2004/008532
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 60/456,312 24 Mar/mar 2003 US
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • BIARYL SUBSTITUTED 6-MEM-
BERED HETEROCYCLES AS SODIUM
CHANNEL BLOCKERS
• HETEROCYCLES A 6 ELEMENTS A
SUBSTITUTION BIARYLE EN TANT
QUE BLOQUEURS DES CANAUX SO-
DIQUES
(71) MERCK & CO., INC. [US/US]; 126 East
Lincoln Avenue, Rahway, NJ 07065-0907
(US).
(72, 75) CHAKRAVARTY, Prasun, K.
[US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US). FISHER, Michael, H.
[US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US). PARSONS, William,
H. [US/US]; 126 East Lincoln Avenue, Rah-
way, NJ 07065-0907 (US). LIANG, Jun
[CN/US]; 126 East Lincoln Avenue, Rah-
way, NJ 07065-0907 (US). ZHOU, Bishan
[CN/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US).
(74) MERCK & CO., INC.; 126 East Lincoln
Avenue, Rahway, NJ 07065-0907 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084826 (13) A2
(21) PCT/US2004/008618
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 60/456,684 21 Mar/mar 2003 US
(21.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ANTIFUNGAL NAIL COAT AND
METHOD OF USE
• ENDUIT A ONGLES ANTIFONGIQUE
ET PROCEDE D'UTILISATION
(71) NEXMED HOLDINGS, INC. [US/US];
350 Corporate Boulevard, Robbinsville, New
Jersey 08691 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) KEPKA, Stanley W. [US/US]; 186
Wertsville Road, Ringoes, New Jersey 08551
(US). MO, Y. Joseph [US/US]; One Belle-
view Terrace, Princeton, New Jersey 08540
(US). WANG, Hang-Yong [US/US]; 18 High
Street, East Brunswick, New Jersey 08816
(US). LU, Mingqi [US/US]; 12 Fountayne
Lane, Lawrenceville, New Jersey 08648
(US). PFISTER, William R. [US/US]; 16
Saxony Lane, Robbinsville, New Jersey
08691 (US).
(74) CEPURITIS, Talivaldis et al. / etc.; OL-
SON & HIERL, LTD., 20 North Wacker
Drive, 36th Floor, Chicago, Illinois 60606
(US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
-
- GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084827 (13) A2
(21) PCT/US2004/008619
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 60/456,392 21 Mar/mar 2003 US
(21.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • REDUCTION OF ZINC-INDUCED
NEUROTOXIC INJURY BY BLOCK-
ADE OF NITRIC OXIDE SYNTHESIS
• REDUCTION DE TRAUMATISMES
NEUROTOXIQUES PROVOQUES PAR
LE ZINC PAR LE BLOC DE LA SYN-
THESE DU MONOXYDE D'AZOTE
(71) NEUROBIOTEX, INC. [US/US]; 101
Christopher Columbus Boulevard, Galves-
ton, TX 77550 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72) FREDERICKSON, Christopher, J.; 101
Christopher Columbus Boulevard, Galveston,
TX 77550 (US).
(74) ADLER, Benjamin, A.; Adler & Associates,
8011 Candle Lane, Houston, TX 77071 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084828 (13) A2
(21) PCT/US2004/008622
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 60/456,723 21 Mar/mar 2003 US
(21.03.2003)
(30) 10/804,436 19 Mar/mar 2004 US
(19.03.2004)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • KERATINOCYTE-FIBROCYTE CON-
COMITANT GRAFTING FOR WOUND
HEALING

- GREFFE CONCOMITANTE KERATINOCYTE-FIBROCYTE POUR CICA-TRISATION

(71) MATERIALS EVOLUTION AND DEVELOPMENT USA, INC. [US/US]; 10205 Oasis Street, Suite 200, San Antonio, TX 78216 (US).

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

(72, 75) LYLES, Mark, B. [US/US]; 310A B Street Building 1H, Great Lakes, IL 60088 (US).

(74) LECOINTE, Michelle, M.; Baker Botts LLP, 98 San Jacinto Blvd., 1500 San Jacinto Center, Austin, TX 78701-4039 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 2004/084829 (13) A2

(21) PCT/US2004/008650

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/455,860 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ESTERIFIED FATTY ACID COMPOSITION

- COMPOSITION D'ACIDE GRAS ESTERIFIÉE

(71) IMAGENETIX, INC. [US/US]; 16935 W. Bernardo Drive, No. 101, San Diego, California 92127 (US).

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

(72, 75) SPENCER, William P. [US/US]; 1031 Calle de Lepanto, Escondido, California 92025 (US). MILLSAP, Patrick, S. [US/US]; 7337 Melotte Street, San Diego, California 92119 (US).

(74) REA, Teresa, Stanek et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, PO BOX 1404, Alexandria, VA 22313-1404 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61K

(11) WO 2004/084830 (13) A2

(21) PCT/US2004/008656

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,869 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TREATING ALZHEIMER'S DEMENTIA

- MÉTHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER

(71) BUCK INSTITUTE [US/US]; 8001 Redwood Boulevard, Novato, CA 94945 (US).

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

(72, 75) HOOK, Vivian, Y., H. [US/US]; 913 Alturas Way, Mill Valley, CA 94941 (US).

(74) SPAIN, Astrid, R. et al. / etc.; McDermott, Will & Emery, 4370 La Jolla Village Drive, Suite 700, San Diego, CA 92122 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084831 (13) A2

(21) PCT/US2004/008677

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,172 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTIMIZED EXPRESSION OF HPV 31 L1 IN YEAST

- EXPRESSION OPTIMISÉE DE HPV 31 L1 DANS LA LEVURE

(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) JANSEN, Kathrin, U. [DE/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SCHULTZ, Loren, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). NEEPER, Michael, P. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MARKUS, Henry, Z. [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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084832 (13) A2

(21) PCT/US2004/008689

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/456,909 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEASUREMENT OF ESTROGEN ACTIVITY IN PLANTS AND A COMPOSITION THEREFROM

- MESURE DE L'ACTIVITÉ DES OESTROGENES CHEZ DES PLANTES, ET COMPOSITION OBTENUE A PARTIR DE CETTE MESURE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 5th floor, Oakland, CA 94607 (US).

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

(72, 75) KLEIN, Karen, O. [US/US]; 3020 Children's Way, MC 5103, San Diego, CA 92123 (US). CHANG, R. Jeffrey [US/US]; 9500 Gilman Drive, MC 0633, La Jolla, CA 92093 (US).

(74) WAX, Jeffrey, S.; The Wax Law Group, 2118 Wilshire Blvd., Ste.407, Santa Monica, CA 90403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

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

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/084833 (13) A2

(21) PCT/US2004/008739

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,882 21 Mar/mar 2003 GB (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • JUCARA AND AÇAÍ FRUIT-BASED DIETARY SUPPLEMENTS
• SUPPLÉMENTS ALIMENTAIRES A BASE DES FRUITS DU JUÇARA ET DE L'AÇAÍ

(71) K2A INCORPORATED [US/US]; P.O. Box 665, 1220 North Main Street -#4, Springville, UT 84663 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURDOCK, Kenneth, A. [US/US]; 6445 East Right Hand Fork, Hobblercreek Canyon, Springville, UT 84663 (US).
SCHAUSS, Alexander, G. [US/US]; 2722 Pioneer Way Street, Tacoma, WA 98404 (US).

(74) MORENCY, Michael; Greenberg Traurig LLP, One International Place, Boston, MA 02110 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084834 (13) A2

(21) PCT/US2004/008797

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,375 24 Mar/mar 2003 US (24.03.2003)

(30) 60/478,037 12 Jun/juin 2003 US (12.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CHIRAL POROUS METAL PHOSPHONATES FOR HETEROGENEOUS ASYMMETRIC CATALYSIS

• PHOSPHONATES METALLIQUES POREUX CHIRAUX POUR CATALYSEURS ASYMETRIQUES HETEROGENES

(71) THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL [US/US]; 308 Bynum Hall, Campus Box 1405, Chapel Hill, NC 27599-4105 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIN, Wenbin [US/US]; 102 Sunset Creek Circle, Chapel Hill, NC 27516 (US).
HU, Aiguo [CN/US]; 602 Airport Road, Apt. 213, Chapel Hill, NC 27514 (US).
NGO, Helen, L. [US/US]; 1521 E. Franklin Street, B202, Chapel Hill, NC 27514 (US).

(74) BAUM, Allen, R. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61K

(11) WO 2004/084835 (13) A2

(21) PCT/US2004/008833

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,920 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TREATING IMMUNOLOGICAL DISORDER USING AGONISTS OF INTERLEUKIN-21/ INTERLEUKIN-21 RECEPTOR

• TRAITEMENT DE TROUBLES IMMUNOLOGIQUES A L'AIDE DE L'INTERLEUKINE-21/ DU RECEPTEUR DE L'INTERLEUKINE-21

(71) WYETH [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLLINS, Mary [US/US]; 54 Rathburn Road, Natick, MA 01760 (US).
CHIN, Elaine, Y. [US/US]; 2 Peabody Court, Concord, MA 01742 (US).
SENICES, Mayra [US/US]; 5 Holden Avenue, Saugus, MA 01906 (US).
YOUNG, Deborah, A. [US/US]; 39 Nelson Road, Melrose, MA 02176 (US).

(74) MYERS, Louis; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

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

TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ A61K

(11) WO 2004/084836 (13) A2

(21) PCT/US2004/008865

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,648 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR TREATING
TAXOL-INDUCED GUT DISORDER

• PROCEDE POUR LE TRAITEMENT DE
TROUBLE INTESTINAL INDUIT PAR
LE PACLITAXEL

(71) RINAT NEUROSCIENCE CORP.
[US/US]; 3155 Porter Drive, Palo Alto,
CA 94304 (US).

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

(72, 75) SHELTON, David, L. [US/US]; 5845
Clover Drive, Oakland, CA 94618 (US).

(74) ZHOU, Jie et al. / etc.; Morrison & Foer-
ster LLP, 755 Page Mill Road, Palo Alto, CA
94304 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084837 (13) A2

(21) PCT/US2004/008901

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,137 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND COMPOSITIONS FOR
TREATING AND PREVENTING IN-
FLAMMATORY CONDITIONS

• METHODE ET COMPOSITIONS POUR
LE TRAITEMENT ET LA PREVEN-
TION D'ETATS INFLAMMATOIRES

(71) MERCIA PHARMA LLC [US/US]; 111
Brewster Road, Scardale, NY 10583 (US).

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

(72, 75) DRIVAS, Dimitrios, T. [US/US]; 111
Brewster Road, Scarsdale, NY 10583 (US).
BLACKBURN, Peter [GB/US]; 426 West
44th Street, New York, NY 10036 (US).

(74) DRIVAS, Dimitrio, T.; 111 Brewster Rpad,
Scardale, NY 10583 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 2004/084838 (13) A2

(21) PCT/US2004/008960

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,006 24 Mar/mar 2003 US
(24.03.2003)

(30) 60/480,083 20 Jun/juin 2003 US
(20.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IDENTIFICATION, QUANTIFICA-
TION, AND CHARACTERIZATION OF
T CELLS AND T CELL ANTIGENS

• IDENTIFICATION, QUANTIFICATION,
AND CHARACTERISATION DE LYM-
PHOCYTES T ET D'ANTIGENES LY

(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, Of-
fice of Technology Transfer, 6011 Executive
Boulevard, Suite 325, Rockville, MD 20852
(US).

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

(72, 75) JACOBSON, Steven TAKEUCHI,
Utano YAMANO, Yoshihisa

(74) KILYK, JR., John; Leydig Voit & Mayer,
Ltd., Two Prudential Plaza, Suite 4900,
Chicago, IL 60601-6780 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084839 (13) A2

(21) PCT/US2004/008983

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en

(26) en

(30) 60/456,925 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND ARTICLE FOR TREAT-
MENT OF SENSORY NEURON RE-
LATED DISORDERS THROUGH
TRANSDERMAL APPLICATION OF
BOTULINUM TOXIN

• METHODE ET ARTICLE POUR LE
TRAITEMENT DE TROUBLES ASSO-
CIES A DES NEURONES SENSORIELS
PAR UNE APPLICATION TRANSDER-
MIQUE DE TOXINE BOTULINIQUE

(71, 72) CADY, Roger, K. [US/US]; 631
Riverview Road, Ozark, MO 65721 (US).

(74) RUSCHE, H., Frederick et al. / etc.; Husch
& Eppenberger, LLC, 190 Carondelet Plaza,
Suite 600, St. Louis, MO 63105 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 2004/084840 (13) A2

(21) PCT/US2004/008998

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en

(26) en

(30) 10/396,214 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF N-ARYL-2-LAC-
TAM AND N-CYCLOALKYL-2-LAC-
TAM BY REDUCTIVE AMINATION OF
LACTONES WITH ARYL AMINES

• PRODUCTION DE N-ARYL-2-LAC-
TAME ET DE N-CYCLOAL-
KYL-2-LACTAME PAR AMINATION
REDUCTIVE DE LACTONES AVEC
DES ARYLE AMINES

(71) E.I. DUPONT 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) **MANZER, Leo, Ernest** [US/US]; 714 Burnley Road, Wilmington, Delaware 19803 (US).
- (74) **FELTHAM, Neil, S.**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084841** (13) A2
- (21) PCT/US2004/009135
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10/401,936 **27 Mar/mar 2003 US (27.03.2003)**
- (30) 10/431,155 **7 May/mai 2003 US (07.05.2003)**
- (30) 10/444,940 **22 May/mai 2003 US (22.05.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **NOVEL ANTI-FELINE ALBUMIN ANTIBODIES AND METHODS OF DETECTING EARLY RENAL DISEASE**
- **NOUVEAUX ANTICORPS D'ALBUMINE ANTI-FELINE ET PROCÉDES DE DETECTION DE MALADIES RENALES PRECOCES**
- (71) **HESKA CORPORATION** [US/US]; 1613 Prospect Parkway, Fort Collins, CO 80525 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JENSEN, Wayne, A.** [US/US]; 9133 NCR #5, Wellington, CO 80549 (US). **HUNTER, Shirley, Wu** [US/US]; 2325 Tanglewood Drive, Fort Collins, CO 80525 (US). **SVERLOW, Karen, W.** [US/US]; 417 Boulder Lane, Schwenksville, PA 19473 (US).
- (74) **VERSER, Carol, Talkington et al.** / etc.; Heska Corporation, 1613 Prospect Parkway, Fort Collins, CO 80525 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084843** (13) A2
- (21) PCT/US2004/009414
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 2004/084842** (13) A2
- (21) PCT/US2004/009218
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 60/457,595 **24 Mar/mar 2003 US (24.03.2003)**
- (30) 10/807,612 **23 Mar/mar 2004 US (23.03.2004)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **INHIBITORS OF CATHEPSIN S**
- **INHIBITEURS DE CATHEPSINE S**
- (71) **IRM LLC** [US/US]; Sophia House, 48 Church Street, P. O. Box HM 2899, Hamilton, HM LX (BM).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIU, Hong** [CN/US]; 6348 Oleander Way, San Diego, California 92130 (US). **TULLY, David** [US/US]; 4278 Calle Isabelino, San Diego, California 92130 (US). **EPPLE, Robert** [AT/US]; 8045 Via San Saba, San Diego, California 92122 (US). **BURSULAYA, Badry** [RU/US]; 4018 Nobel Drive, Unit 301, San Diego, California 92122 (US). **WILLIAMS, Jennifer** [GB/US]; 605 Bonair Way, La Jolla, California 92037 (US). **CHATTERJEE, Arnab** [US/US]; 4619 1007 Guadalupe Drive, Encinitas, California 92024 (US). **HARRIS, Jennifer, Leslie** [US/US]; 4572 Tivoli Street, San Diego, California 92107 (US). **LI, Jun** [CN/US]; 11618 Trailbrush Point, San Diego, California 92126 (US).
- (74) **SNYDER, Joseph, R. et al.** / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 7/00, C11D 17/04, D06M 15/00**
- (11) **WO 2004/084844** (13) A2
- (21) PCT/EP2004/004011
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 0306995.2 **27 Mar/mar 2003 GB (27.03.2003)**
- (30) 0322044.9 **20 Sep/sep 2003 GB (20.09.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **CONTROLLED RELEASE COMPOSITIONS**
- **COMPOSITIONS A LIBERATION CONTROLLEE**
- (71) **DOW CORNING CORPORATION** [US/US]; Midland, MI 48611 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOUZELOC, Sylvie** [FR/BE]; Av. General Jacques 8, B-1400 Nivelles (BE). **CREUTZ, Serge** [BE/BE]; Allée Bietlimé

40, B-4000 Rocourt (BE). LEAYM, Tina, Marie [US/US]; 3245 Cristom Place, Saginaw, MI 48603 (US).

(74) DAVIES, Peter, V. et al. / etc.; Dow Corning Limited, Cardiff Road, Barry CF63 2YL (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/047

(11) WO 2004/084845 (13) A2

(21) PCT/US2004/008426

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,405 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NAIL POLISH REMOVER

• DISSOLVANT POUR VERNIS A ONGLES

(71) BIOCERAX, INC. [US/US]; 13310 South Figueroa Street, Los Angeles, CA 90061 (US).

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

(72, 75) FUJII, Gary [US/US]; 18 Oceanaire Drive, Rancho Palos Verdes, CA 90275-5073 (US).

(74) PERDUE, Donna, O. et al. / etc.; Pillsbury Winthrop, LLP, Suite 200, 11682 El Camino Real, Carmel Valley, CA 92130-1593 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 7/06

(11) WO 2004/084846 (13) A1

(21) PCT/EP2004/001410

(22) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 03251827.6 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HAIR TREATMENT COMPOSITIONS

• COMPOSITIONS DE TRAITEMENT CAPILLAIRE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, 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 SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) IVANOVA, Katya [BG/GB]; Unilever R & d Port Sunlight, Quarry Road East, Bebington, Wirral (GB). PRATLEY, Stuart, Keith [GB/GB]; Unilever R & d Port Sunlight, Quarry Road East, Bebington, Wirral (GB).

(74) TANSLEY, Sally et al. / etc.; Unilever Plc, Patent Department, Colworth House, Sharnbrook (GB).

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

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

(51)⁷ A61K 7/06

(11) WO 2004/084847 (13) A1

(21) PCT/EP2004/002399

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en

(26) en

(30) 03251828.4 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HAIR TREATMENT COMPOSITIONS

• COMPOSITIONS DE TRAITEMENT CAPILLAIRE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG 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 SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) IVANOVA, Katya [BG/GB]; Unilever R & d Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). PRATLEY, Stuart, Keith [GB/GB]; Unilever R & d Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) TANSLEY, Sally et al. / etc.; Unilever Plc, Patent Department, Colworth House, Sharnbrook, Bedfordshire MK44 1LQ (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 35/78, A61P 17/14

(11) WO 2004/084848 (13) A1

(21) PCT/JP2004/003954

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-86788 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HAIR GROWTH STIMULANT AND HAIR GROWTH STIMULATING COMPOSITION

- STIMULANT DE LA CROISSANCE CAPILLAIRE ET COMPOSITION STIMULANT LA CROISSANCE CAPILLAIRE
- (71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TABATA, Homare [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). NAKAE, Yuki [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). YOSHIMI, Fuminobu [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). IKEDA, Miwa [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). TAKEBAYASHI, Nozomi [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). HIGASHI, Yosuke [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). MIYAKE, Atsuko [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 (13) A1
- (11) WO 2004/084849 (21) PCT/KR2004/000280
- (22) 12 Feb/fév 2004 (12.02.2004)
- (25) ko (26) en
- (30) 10-2003-0019436 28 Mar/mar 2003 KR (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD AND COMPOSITION FOR HAIR REVIVAL
• PROCEDE ET COMPOSITION POUR LA REPOUSSE DES CHEVEUX
- (71, 72) SHIN, Suk-Bong [KR/KR]; Room204, Sukjinvilla 136-6, Sinseong-dong, Yuseong-gu, Daejeon 305-804 (KR).
- (74) KWON, Oh-Sig; 401, Joeeun Leaders-tel, 921, Dunsan-Dong, Seo-Gu, Daejeon 302-828 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/16, 6/00, C01F 11/18 (13) A1
- (11) WO 2004/084850 (21) PCT/EP2003/003052
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A DENTAL TREATMENT COMPOSITION
• COMPOSITION DE TRAITEMENT DENTAIRE
- (71) EXA SA [CH/CH]; 17 rue des Pierres du Niton, CH-1207 Geneva (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROCHAT, Pierre [CH/CH]; 18, chemin de la Haute Belotte, CH-1222 Genève (CH).
- (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 NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 7/16 (13) A2
- (11) WO 2004/084851 (21) PCT/IB2004/001284
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) PCT/EP03/03052 24 Mar/mar 2003 EP (24.03.2003)
- (30) S2003/0560 29 Jul/juil 2003 IE (29.07.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A TREATMENT COMPOSITION
• COMPOSITION DE TRAITEMENT
- (71) EXA SA [CH/CH]; 17, rue des Pierres du Niton, CH-1207 Geneva (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROCHAT, Pierre [CH/CH]; 18, chemin de la Haute Belotte, CH-1222 Vesenz (CH).
- (74) PURDY, Hugh, Barry; Murgitroyd & Company, Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 (13) A1
- (11) WO 2004/084852 (21) PCT/IN2003/000082
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NONTOXIC DENTAL CARE HERBAL FORMULATION FOR PREVENTING DENTAL PLAQUE AND GINGIVITIS
• FORMULATION NON TOXIQUE DE SOIN DENTAIRE AUX HERBES DESTINEE A PREVENIR LA FORMATION DE PLAQUE ET LES GINGIVITES
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEHL, Hari, Mohan [IN/IN]; National Botanical Research Institute, Lucknow, 226 001 Uttar Pradesh (IN). SIDHU, Om, Prakash [IN/IN]; National Botanical Research Institute, Lucknow, 226 001 Uttar Pradesh (IN). MEHROTRA, Shanta [IN/IN]; National Botanical Research Institute, Lucknow, 226 001 Uttar Pradesh (IN). PUSHPANGADAN, Palpu [IN/IN]; National Botanical Research Institute, Lucknow, 226 001 Uttar Pradesh (IN). SINGH, Saimbi, Charanjit [IN/IN]; King George Medical College, Lucknow, 226 001 Uttar Pradesh (IN).
- (74) BHOLA, Ravi; 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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 NA NI NO NZ OM PH PL 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 7/46

(11) WO 2004/084853 (13) A2

(21) PCT/US2004/008610

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,877 21 Mar/mar 2003 US
(21.03.2003)

(30) 60/457,232 25 Mar/mar 2003 US
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTORESPONSIVE FRAGRANCES
• PARFUMS PHOTOSENSIBLES

(71) PHO DERMA, INC. [US/US]; 5226 SW
Northwood Avenue, Portland, OR 97201
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STOWELL, Michael, H., B. [US/US];
5226 SW Northwood Avenue, Portland, OR
97201 (US).

(74) NOONAN, Kevin, E.; McDonnell Boehnen
Hulbert & Berghoff LLP, 300 South Wacker
Drive, Chicago, IL 60606 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084854 (13) A1

(21) PCT/EP2004/004018

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0303618 25 Mar/mar 2003 FR
(25.03.2003)

(30) 60/461,403 14 Apr/avr 2003 US
(14.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COSMETIC USE OF CINNAMIC
ACID DERIVATIVES AS LIGHTEN-
ING AGENTS

• UTILISATION COSMETIQUE DE DE-
RIVES D'ACIDES CINNAMIQUES UTI-
LISES COMME AGENTS ECLAIRCIS-
SANTS

(71) L'OREAL [FR/FR]; 14, rue Royale,
F-75008 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAIGNAN, Jean [FR/FR]; 8, rue
Halévy, F-93290 Tremblay en France (FR).

(74) L'OREAL; Renard, Emmanuelle - D.I.P.I.,
25-29 Quai Aulagnier, F-92600 Asnieres
(FR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 7/48, 33/02, 33/14, 35/78

(11) WO 2004/084855 (13) A1

(21) PCT/IN2004/000069

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 185/KOL/2003 27 Mar/mar 2003 IN
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • KERATOLYTIC COMPOSITION WITH
ANTI-ALLERGIC ANTI-INFLAMMA-
TORY PROPERTIES
• COMPOSITION KERATOLIQUE AUX
PROPRIETES ANTI-INFLAMMA-
TOIRES ET ANTI-ALLERGIQUES

(71, 72) MUNISEKHAR, Medasani [IN/IN];
C-74, Madhura Nagar, Hyderabad 500 038,
Andhra Pradesh (IN).

(74) VISHWANATH, Ramesh, Babu; Flat No.
401/404, G.K's Sowbhagya Apartments,
Vaninagar, Malkajgiri, Hyderabad 500 047,
Andhra Pradesh (IN).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 A61K 9/00

(11) WO 2004/084856 (13) A2

(21) PCT/FR2004/000729

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03568 24 Mar/mar 2003 FR
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL GALENICAL SYSTEM FOR
ACTIVE TRANSPORT, METHOD FOR
PREPARATION AND USE

• NOUVEAU SYSTEME GALENIQUE
POUR LE TRANSPORT D'ACTIF,
PROCEDE DE PREPARATION ET UTI-
LISATION

(71) ORALANCE PHARMA [FR/FR]; Incuba-
teur Paris Biotech, 24 rue du Faubourg Saint
Jacques, F-75014 Paris (FR).

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

(72, 75) IOUALALEN, Karim [FR/FR]; 8, av-
enue du Coustou, F-31650 Saint Orens de
Gameville (FR). RAYNAL, Rose, Anne
[FR/FR]; 8 avenue du Coustou, F-31650
Saint Orens de Gameville (FR).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, A61F 2/02, 6/14

(11) WO 2004/084857 (13) A1

(21) PCT/GB2004/001390

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307082.8 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEDICAMENT DELIVERY DEVICE
AND A METHOD OF MEDICAMENT
DELIVERY

• DISPOSITIF DE DISTRIBUTION DE
MEDICAMENT ET PROCEDE DE DIS-
TRIBUTION DE MEDICAMENT

(71) MPATHY MEDICAL DEVICES LIM-
ITED [GB/GB]; 6.05 Kelvin Campus, West
of Scotland Science Park, Glasgow G20 0SP
(GB).

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

(72, 75) BROWNING, James [GB/GB]; 12
Sherbrook Gardens, Glasgow (GB).

(74) MURGITROYD & COMPANY et al. /
etc.; 165-169 Scotland Street, Glasgow G5
8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 9/00

(11) WO 2004/084858 (13) A2

(21) PCT/US2004/008375

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,113 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FORMULATION FOR A METERED
DOSE INHALER USING HYDRO-FLU-
ORO-ALKANES AS PROPELLANTS
- FORMULATION POUR UN AERO-
SOL-DOSEUR UTILISANT DES HY-
DRO-FLUORO-ALCANES COMME
PROPULSEURS

(71) BOEHRINGER INGELHEIM PHAR-
MACEUTICALS, INC. [US/US]; 900
Ridgebury Road, P.O. Box 368, Ridgefield,
CT 06877-0368 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DESTEFANO, George [US/US];
Boehringer Ingelheim Pharmaceuticals,
Inc., 900 Ridgebury Road, P.O. Box 368,
Ridgefield, CT 06877-0368 (US). KE-
LASH-CANNAVO, Linda, Jean [US/US];
Boehringer Ingelheim Pharmaceuticals, Inc.,
900 Ridgebury Road, P.O. Box 368, Ridge-
field, CT 06877-0368 (US).

(74) RAYMOND, Robert, P. et al. / etc.;
Boehringer Ingelheim Corporation, 900
Ridgebury Road, P.O. Box 368, Ridgefield,
CT 06877-0368 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084859 (13) A2

(21) PCT/US2004/008631

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,921 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NASAL CALCITONIN FORMULA-
TIONS CONTAINING CHLOROBU-
TANOL

- FORMULATIONS NASALES DE CAL-
CITONINE CONTENANT DU CHLO-
ROBUTANOL

(71) NASTECH PHARMACEUTICAL COM-
PANY INC. [US/US]; 3450 Monte Villa
Parkway, Bothell, WA 98021-8906 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) QUAY, Steven, C.; 23632 HWY 99 STE. F
PMB 454, Edmonds, WA 98026-9224 (US).
DE MEIRELES, Jorge, C.; 33 Renee Road,
Syosset, NY 11791 (US). DESHPANDE,
Arati; 224 Natures Lane, Miller Place, NY
11764 (US). GO, Zenaïda, O.; 565 Grove
Street, Apartment 16D, Clifton, NJ 07013
(US). SILENO, Anthony, P.; 10 Highview
Boulevard, Brookhaven Hamlet, NY 11719
(US).

(74) LUNN, Paul, G.; Nastech Pharmaceutical
Company Inc., 3450 Monte Villa Parkway,
Bothell, WA 98021-8906 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/084860 (13) A2

(21) PCT/US2004/009242

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,424 24 Mar/mar 2003 US
(24.03.2003)

(30) 10/806,050 22 Mar/mar 2004 US
(22.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHODS AND APPARATUSES FOR
THE COMMINUTION AND STABI-
LIZATION OF SMALL PARTICLES

- PROCEDES ET APPAREILS DESTINES
A LA FRAGMENTATION ET A LA
STABILISATION DE PETITES PARTI-
CULES

(71) BAXTER INTERNATIONAL INC.
[US/US]; One Baxter Parkway DF3-3E,
Deerfield, IL 60015 (US).

(72) KIPP, James, E.; 609 Hermosa Avenue,
Wauconda, IL 60084 (US). WONG, Joseph,
Chung, Tak; 36141 North Bridlewood Ave-
nue, Gurnee, IL 60031 (US). WISLER,
Monte; 39130 North Highway 39, Lake
Villa, IL 60046 (US). GARCIA, Rhonda;
150 East Maple Avenue, Mundelein, IL
60060 (US).

(74) FUCHS, Joseph, A.; Bell, Boyd & Lloyd
LLC, P.O. Box 1135, Chicago, IL 60690-1135
(US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/06, 31/5575, 47/36, 47/18, 47/14,
47/10, 9/70

(11) WO 2004/084861 (13) A2

(21) PCT/US2004/007981

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/456,605 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ANGIOGENESIS PROMOTION BY
PROSTAGLANDIN COMPOSITIONS
AND METHODS

- PROMOTION DE L'ANGIOGENESE
PAR DES COMPOSITIONS DE PROS-
TAGLANDINE ET TECHNIQUES A
CET EFFET

(71) NEXMED (HOLDINGS), INC. [US/US];
350 Corporate Drive, Robbinsville, NJ 08691
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LIN, Guiting [CN/US]; 2262 31st Ave-
nue, San Francisco, CA 94116 (US). MO,
Joseph, Y. [US/US]; One Bellevue Ter-
race, Princeton, NJ 08540 (US). LU, Mingqi
[US/US]; 12 Fountayne Lane, Lawrenceville,
NJ 08648 (US). GUO, Yinglu [CN/CN]; 15
Xishikua Street, Beijing 100034 (CN).

(74) ZIMMERMAN, Roger, P. et al. / etc.;
Bowditch & Dewey, LLP, 161 Worcester
Road, Framingham, MA 01701 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/16

(11) WO 2004/084862 (13) A1

(21) PCT/EP2004/002821

- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 03007009.8 27 Mar/mar 2003 EP (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR THE PRODUCTION OF CROSS-LINKED GELATIN BEADLETS
- PROCEDE POUR PRODUIRE DES GRANULES
- (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) DIGUET, Sylvain [FR/FR]; 28, rue d'Allschwil, F-68220 Neuwiller (FR). HUBER, Torsten [DE/CH]; Schildmatt 1, CH-4312 Magden (CH). ULM, Johann [CH/CH]; Im Goldbrunnen 32, CH-4104 Oberwil (CH).
- (74) SCHWANDER, Kuno, Josef; Roche Vitamins Ltd., Wurmisweg 576, CH-4303 Kaiseraugst (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/16, 9/50, 9/20, A23L 1/22
- (11) WO 2004/084863 (13) A1
- (21) PCT/FR2004/000662
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) fr (26) fr
- (30) 03/03408 20 Mar/mar 2003 FR (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF PRODUCING SMALL MICROSPHERES OF SUGAR, MICROSPHERES THUS OBTAINED AND APPLICATIONS THEREOF
- PROCEDE DE FABRICATION DE MICROSPHERES DE SUCRE DE PETITE TAILLE ET LEURS APPLICATIONS
- (71) NOUVEAUX PRODUITS PHARMACEUTIQUES [FR/FR]; Lieu-dit les Champs Blancs, F-78550 Bazainville (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUVAL, Michel [FR/FR]; 7, rue de la Mare Mittée, F-78790 Tilley (FR). SANIAL, Patrick [FR/FR]; 6, rue des Alluets, F-78630 Morainvilliers (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/20, 31/137
- (11) WO 2004/084864 (13) A1
- (21) PCT/IB2004/000859
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 0300830-7 26 Mar/mar 2003 SE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FORMULATIONS COMPRISING TOLTERODINE AND COCOA POWDER AND USE THEREOF
- FORMULATIONS CONTENANT DE LA TOLTERODINE ET DE LA POUDRE DE CACAO ET LEUR UTILISATION
- (71) PHARMACIA AB [SE/SE]; S-112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDBERG, Nils-Olof [SE/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE). LINDELL, Katarina, Eva, Anette [SE/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE). MARTINO, Alice, C. [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). NICKLASSON, Fredrik, Per [SE/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE). THYRESSON, Kristina, Maarit [FI/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE).
- (74) LUMB, J., Trevor et al. / etc.; c/o WOOD, David, J., Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/20
- (11) WO 2004/084865 (13) A1
- (21) PCT/IB2004/000860
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 0300831-5 26 Mar/mar 2003 SE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FORMULATIONS COMPRISING AN ACTIVE INGREDIENT AND COCOA POWDER AND USE THEREOF
- FORMULATIONS CONTENANT UN INGREDIENT ACTIF ET DE LA POUDRE DE CACAO ET LEURS UTILISATIONS
- (71) PHARMACIA AB [SE/SE]; S-112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDBERG, Nils-Olof [SE/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE). LINDELL, Katarina, Eva, Anette [SE/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE). MARTINO, Alice, C. [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). NICKLASSON, Fredrik, Per [SE/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE). THYRESSON, Kristina, Maarit [FI/SE]; Pfizer Consumer Healthcare, Box 941, S-251 09 Helsingborg (SE).
- (74) LUMB, J., Trevor et al. / etc.; c/o WOOD, David, J., Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/20, 9/28, 9/14, 9/16
- (11) WO 2004/084866 (13) A1
- (21) PCT/US2004/008133
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 10/394,552 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR COATING DRUG-CONTAINING PARTICLES AND FORMULATIONS AND DOSAGE UNITS FORMED THEREFROM
- PROCEDE D'ENROBAGE DE PARTICULES CONTENANT DES MEDICAMENTS ET FORMULATIONS ET

UNITES DE DOSAGE FORMULEES A PARTIR DE CELLES-CI

(71) **TEDOR PHARMA, INC.** [US/US]; 400 Highland Corporate Drive, Cumberland, RI 02864 (US).

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(72, 75) **CHUNGI, Shubha** [US/US]; 233 Wolomolopog Street, Sharon, MA 02067 (US). **IORIO, Theodore, I.** [US/US]; 36 Forest Lane, Millis, MA 02054 (US).

(74) **EBERLE, Shelley, P.**; Reed & Eberle LLP, 800 Menlo Avenue, Suite 210, Menlo Park, CA 94025 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 9/22, 9/52, 31/00, A61P 1/00**

(11) **WO 2004/084867** (13) A1

(21) PCT/CN2004/000244

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) zh (26) zh

(30) 03120970.X **26 Mar/mar 2003** CN (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THE COLON-TARGETED PHARMACEUTICAL COMPOSITIONS OF GASTROINTESTINAL MOTILITY DRUGS AND THEIR USE

• COMPOSITIONS PHARMACEUTIQUES ADAPTEES AU COLON DE MEDICAMENTS AMELIORANT LA MOTILITE DU TRACTUS GASTROINTESTINAL, ET LEUR UTILISATION

(71) **BEIJING ORIENTKING PHARMACEUTICAL SCIENCE & TECHNOLOGY CO., LTD.** [CN/CN]; Rm3103, 311 Bld., Huizhong Beili, Chaoyang District, Beijing 100012 (CN).

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(72, 75) **HE, Chengguo** [CN/CN]; Rm3103, 311 Bld., Huizhong Beili, Chaoyang District, Beijing 100012 (CN). **ZHANG, Chengfei** [CN/CN]; Rm3103, 311 Bld., Huizhong Beili, Chaoyang District, Beijing 100012 (CN). **LI, Mei** [CN/CN]; Rm3103, 311 Bld., Huizhong Beili, Chaoyang District, Beijing 100012 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

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

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

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

(51)⁷ **A61K 9/22**

(11) **WO 2004/084868** (13) A1

(21) PCT/DK2004/000215

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) PA200300463 **26 Mar/mar 2003** DK (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MORPHINE CONTROLLED RELEASE SYSTEM

• SYSTEME DE LIBERATION REGULEE DE MORPHINE

(71) **EGALET A/S** [DK/DK]; Lejrvej 39-41, Kirke Værlose, DK-3500 Værlose (DK).

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(72, 75) **FISCHER, Gina** [DK/DK]; Rosen Allé 1A, DK-3500 Værlose (DK). **BAR-SHALOM, Daniel** [IL/DK]; Rypevænget 213, DK-2980 Kokkedal (DK). **SLOT, Lillian** [DK/DK]; Krogvej 28, DK-2830 Virum (DK). **JENSEN, Christine** [DK/DK]; Stenvang 9, DK-2950 Vedbæk (DK).

(74) **ALBIHNS A/S**; H.C. Andersens Boulevard 49, DK-1553 Copenhagen V (DK).

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

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

(51)⁷ **A61K 9/22**

(11) **WO 2004/084869** (13) A1

(21) PCT/DK2004/000217

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) PA200300464 **26 Mar/mar 2003** DK (26.03.2003)

(30) PCT/DK03/00765 **7 Nov/nov 2003** DK (07.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MATRIX COMPOSITIONS FOR CONTROLLED DELIVERY OF DRUG SUBSTANCES

• COMPOSITIONS MATRICIELLES POUR ADMINISTRATION CONTROLEE DE SUBSTANCES MEDICAMENTEUSES

(71) **EGALET A/S** [DK/DK]; Lejrvej 39-41, Kirke Værlose, DK-3500 Værlose (DK).

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

(72, 75) **FISCHER, Gina** [DK/DK]; Rosen Allé 1A, DK-3500 Værlose (DK). **BAR-SHALOM, Daniel** [IL/DK]; Rypevænget 213, DK-2980 Kokkedal (DK). **SLOT, Lillian** [DK/DK]; Krogvej 28, DK-2830 Virum (DK). **LADEMANN, Anne-Marie** [DK/DK]; Norasvej 14, DK-2920 Charlottenlund (DK).

(74) **ALBIHNS A/S**; H.C. Andersens Boulevard 49, DK-1553 Copenhagen V (DK).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 9/54**

(11) **WO 2004/084870** (13) A1

(21) PCT/IE2004/000049

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 60/458,599 **28 Mar/mar 2003** US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SOLID ORAL DOSAGE FORM CONTAINING SEAMLESS MICROCAPSULES

• FORME POSOLOGIQUE SOLIDE S'ADMINISTRANT PAR VOIE ORALE QUI CONTIENT DES MICROCAPSULES SANS SOUDURE

(71) **SIGMOID BIOTECHNOLOGIES LIMITED** [IE/IE]; 62 Merrion Square, Dublin 2 (IE).

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

(72, 75) **MOODLEY, Joey** [IE/IE]; Rindoon, Retreat Road, Athlone, County Westmeath (IE). **COULTER, Ivan** [IE/IE]; 21 Leeson Street, Dublin 2 (IE).

(74) **O'BRIEN, John, A. et al. / etc.**; c/o John A O'Brien & Associates, Duncairn House, 3rd floor, 14 Carysfort Avenue, Blackrock, County Dubin (IE).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/51

(11) WO 2004/084871 (13) A1

(21) PCT/JP2004/003246

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 2003-084695 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTRAVENOUS NANOPARTICLES
FOR TARGETING DRUG DELIVERY
AND SUSTAINED DRUG RELEASE

• NANOPARTICLES INTRAVEI-
NEUSES POUR CIBLER UNE AD-
MINISTRATION DE MEDICAMENTS
ET POUR UNE LIBERATION DE ME-
DICAMENTS PROLONGEE

(71) LTT BIO-PHARMA CO., LTD. [JP/JP];
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nato-ku, Tokyo, 1060032 (JP).

(74) KUSAMA, Osamu; KUSAMA PATENT
OFFICE 7F, Iwata Bldg., 5-12, Idabashi
4-chome, Chiyoda-ku Tokyo, 1020072 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/70

(11) WO 2004/084872 (13) A1

(21) PCT/GB2004/001311

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0306977.0 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRUG DELIVERY DEVICE COMPRIS-
ING A MESH SLEEVE

• DISPOSITIF D'ADMINISTRATION DE
MEDICAMENTS COMPRENANT UN
MANCHON EN MAILLE

(71) METRIS THERAPEUTICS LTD.
[GB/GB]; 400 Thames Valley Park Drive,
Reading RG6 1PT (GB).

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les États désignés sauf US)

(72, 75) KNOX, Peter [GB/GB]; Metris Thera-
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(74) GOODFELLOW, Hugh, Robin et al. / etc.;
Carpmaels & Ransford, 43-45 Bloomsbury
Square, London WC1A 2RA (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/70, 31/19, 31/155, A61P 29/00

(11) WO 2004/084873 (13) A1

(21) PCT/IL2004/000252

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/391,196 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORAL DELIVERY SYSTEM COMPRIS-
ING AN ANTIBACTERIAL AND AN
ANTI-INFLAMMATORY AGENT

• SYSTEME D'ADMINISTRATION PAR
VOIE ORALE COMPRENANT UN
AGENT ANTIBACTERIEN ET UN
AGENT ANTI-INFLAMMATOIRE

(71) DEXCEL PHARMA TECHNOLOGIES
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(72, 75) PENHASI, Adel [IL/IL]; 53/15 Ra-
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46910 (IL).

(74) REINHOLD COHN AND PARTNERS;
P.O.B. 4060, Tel Aviv 61040 (IL).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 31/00

(11) WO 2004/084874 (13) A2

(21) PCT/US2004/009126

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,048 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS OF INHIBITING INFLAM-
MATION

• METHODES D'INHIBITION DE
L'INFLAMMATION

(63) US 60/457,048 (CIP)
24 Mar/mar 2003 (24.03.2003)

(71) BRIGHAM AND WOMEN'S HOSPI-
TAL, INC. [US/US]; 75 Francis Street,
Boston, MA 02115 (US).

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les États désignés sauf US)

(72, 75) BLUMBERG, Richard, S. [US/US]; 34
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(US).

(74) BEATTIE, Ingrid, A.; Mintz, Levin, Cohn,
Ferris, Glovsky & Popeo, PC, One Financial
Center, Boston, MA 02111 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/075

(11) WO 2004/084875 (13) A1

(21) PCT/KR2004/000689

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ko (26) en

(30) 10-2003-0019018 26 Mar/mar 2003 KR
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF PINITOL OR CHIROINOSITOL
FOR PROTECTING THE LIVER

• UTILISATION DE PINITOL OU DE
CHIROINOSITOL POUR LA PROTEC-
TION DU FOIE

(71) AMICOGEN INC. [KR/KR]; #694-4, Sang-
chon-ri, Jinsung-myeon, Jinju-si, Kyungsang-
nam-do 660-852 (KR).

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

(72, 75) SHIN, Yong Chul [KR/KR]; Hanju Lucky Apt. 9-104, Juyak-dong, Jinju-si, Kyungsangnam-do 660-773 (KR). JEON, Yeong Joong [KR/KR]; Jugong Apt. 912-705, Myungil-dong, Kangdong-gu, Seoul 134-070 (KR). KIM, Jong Jin [KR/KR]; Heunghan Goldenvill 109-1202, 1000, Jangsa-ri, Keumsan-myun, Jinju-si, Kyungsangnam-do 660-921 (KR).

(74) JANG, Seongku et al. / etc.; 19th Fl., KEC Building, 275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/132, 31/16, 31/198, 31/4196, 31/445, 31/195, 31/53, 31/7008, A61P 39/00

(11) WO 2004/084876 (13) A2

(21) PCT/DK2004/000205

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) PA 2003 00459 26 Mar/mar 2003 DK (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF COMPOUNDS FOR THE PREVENTION OF DRUG-INDUCED CELL TOXICITY

• UTILISATION DE COMPOSES POUR PREVENIR LA TOXICITE CELLULAIRE INDUITE PAR UN MEDICAMENT

(71) ÅRHUS UNIVERSITET [DK/DK]; Ndr. Ringgade 1, DK-8000 Århus C (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NYKJÆR, Anders [DK/DK]; Skolevangs Allé 1B, DK-8240 Risskov (DK).

(74) HØIBERG A/S; St. Kongensgade 59A, DK-1264 Copenhagen K (DK).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/16, 31/155, 31/785, 9/08, A61P 27/04, 31/04, A61L 2/18

(11) WO 2004/084877 (13) A1

(21) PCT/JP2004/001768

(22) 18 Feb/fév 2004 (18.02.2004)

(25) ja (26) ja

(30) 2003-086018 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITION FOR OPHTHALMIC USE

• COMPOSITION A USAGE OPHTHALMIQUE

(71) MENICON CO., LTD. [JP/JP]; 21-19, Aoi 3-chome, Naka-ku, Nagoya-shi, Aichi 4600006 (JP).

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(72, 75) TSUZUKI, Akira [JP/JP]; c/o Menicon Co., Ltd. Central Research Laboratories, 1-10, Takamori-dai 5-chome, Kasugai-shi, Aichi 4870032 (JP). TANIKAWA, Sadayasu [JP/JP]; c/o Menicon Co., Ltd. Central Research Laboratories, 1-10, Takamori-dai 5-chome, Kasugai-shi, Aichi 4870032 (JP).

(74) NAKASHIMA, Michio et al. / etc.; Nakashima & Nakashima Nagoya Dia Bldg.-1, 16-22, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 4500002 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 31/167, 31/465, 31/445, 31/557, 31/736, A61P 15/00

(11) WO 2004/084878 (13) A1

(21) PCT/US2004/008623

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,604 21 Mar/mar 2003 US (21.03.2003)

(30) 60/456,813 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITIONS AND METHODS FOR TREATMENT OF PREMATURE EJACULATION

• COMPOSITIONS ET PROCÉDES POUR LE TRAITEMENT DE L'EJACULATION PRECOCE

(71) NEXMED (HOLDINGS), INC. [US/US]; 350 Corporate Drive, Robbinsville, NJ 08691 (US).

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

(72, 75) LU, Mingqi [US/US]; 12 Fountayne Lane, Lawrenceville, NJ 08648 (US). WANG, Qin [US/US]; 5017 Quail Ridge Drive, Plainsboro, NJ 08536 (US). YEAGER, James, L. [US/US]; 476 Oakwood Avenue, Lake Forest, IL 60045 (US). MO, Y., Joseph [US/US]; 1 Bellevue Terrace, Princeton, NJ 08540 (US).

(74) ZIMMERMAN, Roger, P. et al. / etc.; Bowditch & Dewey, LLP, 161 Worcester Road, Framingham, MA 01701 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/195, 31/216, 31/197, 31/137, 31/445, 31/4725 // (A61K 31/216, 31/197) (A61K 31/216, 31/195) (A61K 31/197, 31/137)

(11) WO 2004/084879 (13) A1

(21) PCT/US2004/008605

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,835 21 Mar/mar 2003 US (21.03.2003)

(30) 60/486,148 10 Jul/juil 2003 US (10.07.2003)

(30) 60/509,570 8 Oct/oct 2003 US (08.10.2003)

(30) 60/534,871 8 Jan/jan 2004 US (08.01.2004)

(30) 60/548,250 27 Feb/fév 2004 US (27.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR TREATING LOWER URINARY TRACT DISORDERS USING SMOOTH MUSCLE MODULATORS AND ALPHA-2-DELTA SUBUNIT CALCIUM CHANNEL MODULATORS

• METHODES DE TRAITEMENT DE TROUBLES DES VOIES URINAIRES INFÉRIEURES UTILISANT DES MODULATEURS DES MUSCLES LISSES ET DES MODULATEURS

DES CANAUX CALCIQUES DE LA SOUS-UNITÉ $\text{SG(A)} < \text{SB} > 2 < / \text{SB} > \text{SG(D)}$

(71) **DYNOGEN PHARMACEUTICALS, INC.** [US/US]; 31 St. James Avenue, Suite 905, Boston, MA 02116 (US).

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

(72, 75) **FRASER, Matthew, Oliver** [US/US]; 408 Gablefield Lane, Apex, NC 27502 (US). **THOR, Karl, Bruce** [US/US]; 109 Draymore Way, Morrisville, NC 27560 (US). **BURGARD, Edward, C.** [US/US]; 215 Cates Farm Road, Chapel Hill, NC 27516 (US). **BRETTMAN, Lee, R.** [US/US]; 183 Greystone Lane, Sudbury, MA 01776 (US). **LANDAU, Steven, B.** [US/US]; 44 Tanglewood Road, Wellesley, MA 02481 (US). **RICCA, Daniel, J.** [US/US]; 5855 Kiger Road, Rougemont, NC 27572 (US).

(74) **ERGENZINGER, Edward, R. et al. / etc.;** Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/195, 31/216, 31/197 // (A61K 31/216, 31/197) (A61K 31/216, 31/195)

(11) WO 2004/084880 (13) A1

(21) PCT/US2004/008700

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,835 21 Mar/mar 2003 US (21.03.2003)

(30) 60/486,148 10 Jul/juil 2003 US (10.07.2003)

(30) 60/509,570 8 Oct/oct 2003 US (08.10.2003)

(30) 60/534,871 8 Jan/jan 2004 US (08.01.2004)

(30) 60/548,250 27 Feb/fév 2004 US (27.02.2004)

(30) 60/551,671 9 Mar/mar 2004 US (09.03.2004)

(30) 60/551,551 9 Mar/mar 2004 US (09.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR TREATING PAIN USING SMOOTH MUSCLE MODULATORS AND $\alpha_2\delta$ SUBUNIT CALCIUM CHANNEL MODULATORS

• METHODES DE TRAITEMENT DE LA DOULEUR A L'AIDE DE MODULATEURS DES MUSCLES LISSES ET DE MODULATEURS DE LA SOUS-UNITÉ $\text{SG(A)} < \text{SB} > 2 < / \text{SB} > \text{SG(D)}$ DES CANAUX CALCIQUES

(71) **DYNOGEN PHARMACEUTICALS, INC.** [US/US]; 31 St. James Avenue, Suite 905, Boston, MA 02116 (US).

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

(72, 75) **FRASER, Matthew, Oliver** [US/US]; 408 Gablefield Lane, Apex, NC 27502 (US). **THOR, Karl, Bruce** [US/US]; 109 Draymore Way, Morrisville, NC 27560 (US). **BURGARD, Edward, C.** [US/US]; 215 Cates Farm Road, Chapel Hill, NC 27516 (US). **BRETTMAN, Lee, R.** [US/US]; 183 Greystone Lane, Sudbury, MA 01776 (US). **LANDAU, Steven, B.** [US/US]; 44 Tanglewood Road, Wellesley, MA 02481 (US). **RICCA, Daniel, J.** [US/US]; 5855 Kiger Road, Rougemont, NC 27572 (US).

(74) **ERGENZINGER, Edward, R. et al. / etc.;** Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/195, 31/216, 31/197 // (A61K 31/216, 31/197) (A61K 31/216, 31/195)

(11) WO 2004/084881 (13) A1

(21) PCT/US2004/008701

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,835 21 Mar/mar 2003 US (21.03.2003)

(30) 60/486,148 10 Jul/juil 2003 US (10.07.2003)

(30) 60/509,570 8 Oct/oct 2003 US (08.10.2003)

(30) 60/534,871 8 Jan/jan 2004 US (08.01.2004)

(30) 60/548,250 27 Feb/fév 2004 US (27.02.2004)

(30) 60/551,551 9 Mar/mar 2004 US (09.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR TREATING FUNCTIONAL BOWEL DISORDERS USING $\alpha_2\delta$ SUBUNIT CALCIUM CHANNEL MODULATORS WITH SMOOTH MUSCLE MODULATORS

• METHODES DE TRAITEMENT DE TROUBLES INTestinaux FONCTIONNELS UTILISANT DES MODULATEURS DE LA SOUS-UNITÉ $\text{SG(A)} < \text{SB} > 2 < / \text{SB} > \text{SG(D)}$ DES CANAUX CALCIQUES AVEC DES MODULATEURS DES MUSCLES LISSES

(71) **DYNOGEN PHARMACEUTICALS, INC.** [US/US]; 31 St. James Avenue, Suite 905, Boston, MA 02116 (US).

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

(72, 75) **FRASER, Matthew, Oliver** [US/US]; 408 Gablefield Lane, Apex, NC 27502 (US). **THOR, Karl, Bruce** [US/US]; 109 Draymore Way, Morrisville, NC 27560 (US). **BURGARD, Edward, C.** [US/US]; 215 Cates Farm Road, Chapel Hill, NC 27516 (US). **BRETTMAN, Lee, R.** [US/US]; 183 Greystone Lane, Sudbury, MA 01776 (US). **LANDAU, Steven, B.** [US/US]; 44 Tanglewood Road, Wellesley, MA 02481 (US). **RICCA, Daniel, J.** [US/US]; 5855 Kiger Road, Rougemont, NC 27572 (US).

(74) **ERGENZINGER, Edward, R. et al. / etc.;** Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/202, A23L 1/29, A61P 43/00

(11) WO 2004/084882 (13) A1

(21) PCT/JP2004/004318

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-088956 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF ARACHIDONIC ACID FOR NORMALIZATION OF INFRADIAN RHYTHM

• UTILISATION DE L'ACIDE ARACHIDONIQUE POUR NORMALISER LE RYTHME INFRADIEN

(71) **SUNTORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 5308203 (JP).

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

(72, 75) **AKIMOTO, Kengo** [JP/JP]; 1-9-5-1006, Yamazaki, Shimamoto-cho, Mishima-gun, Osaka, 6180001 (JP). **ONO, Yoshiko** [JP/JP]; 1-13-18-802, Sugahara, Higashiyodogawa-ku, Osaka-shi, Osaka, 5330022 (JP). **KAWASHIMA, Hiroshi**

[JP/JP]; 6-11-1-113, Makamicho, Takatsuki-shi, Osaka, 5691121 (JP). NAGAI, Katsuya [JP/JP]; 2-21-21, Hanjiyo, Minato-shi, Osaka, 5620044 (JP).

(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/203, 47/40, A61P 17/10

(11) WO 2004/084883 (13) A1

(21) PCT/FI2004/000161

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 20030426 24 Mar/mar 2003 FI (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPLEXES OF ISOTRETINOIN WITH NATURAL BETA OR GAMMA-CYCLODEXTRIN
• COMPLEXES D'ISOTRETINOINE AVEC BETA OU GAMMA-CYCLODEXTRINE NATURELLE

(71, 72) JARHO, Pekka [FI/FI]; Hiihtäjäntie 15 G 46, FI-70200 Kuopio (FI). KHALIEFI, Faies [IL/DE]; Bahnhofstr. 9, 73105 Duernau (DE). HONKALA, Saara [FI/FI]; Taivaanpankontie 17 C 27, FI-70200 Kuopio (FI). JÄRVINEN, Tomi [FI/FI]; Sompatie 3 I 6, FI-70200 Kuopio (FI).

(74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FI-00120 Helsinki (FI).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/343, A61P 25/00, 25/20, 25/28

(11) WO 2004/084884 (13) A1

(21) PCT/CN2004/000227

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/396,862 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF TANSHINONE DERIVATES AS CHOLINESTERASE INHIBITORS IN TREATING RELATED DISEASES
• UTILISATION DE DERIVES DE TANSHINONE COMME INHIBITEURS DE CHOLINESTERASE POUR LE TRAITEMENT DE MALADIES APPARENTEES

(71) THE CHINESE UNIVERSITY OF HONG KONG [CN/CN]; Shatin, N.T., Hong Kong (CN).

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(72, 75) SHAW, Pang-Chui [GB/CN]; Master's Flat, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong (CN). HO, Michelle Tsz-Wan [CN/CN]; Flat D. 22/F, Block 1, Metropolis Plaza Sheung Shui, N.T., Hong Kong (CN). FUNG, Kwok-Pui [CA/CN]; 9A, Residence 15 The Chinese University of Hong Kong, Shatin, N.T., Hong Kong (CN). WAN, David, Chi-Cheong [GB/CN]; 25C, Block 3, Baycrest 8 Hang Ming Street, Shatin, N.T., Hong Kong (CN).

(74) INSIGHT INTELLECTUAL PROPERTY LIMITED; Suite 501, Zhongyang Building No. 27 A Zhongguancun Nandajie, Haidian District, Beijing 100081 (CN).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/04

(11) WO 2004/084885 (13) A1

(21) PCT/KR2003/002202

(22) 21 Oct/oct 2003 (21.10.2003)

(25) ko (26) en

(30) 10-2003-0018559 25 Mar/mar 2003 KR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITIONS FOR THE IMPROVEMENT OF OBESITY
• COMPOSITIONS AMELIORANT L'OBESITE

(71) AMOREPACIFIC CORPORATION [KR/KR]; 181, Hankang-ro 2-ka, Yongsan-ku, 140-777 Seoul (KR).

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(72, 75) PARK, Hyun-Woo [KR/KR]; No. 105-1404, Hanmaem Limkwang Apartment, Hogye 2-dong, Dongan-ku, Anyang-si, 431-752 Kyunggi-do (KR). KIM, Sun-Young [KR/KR]; No. 101-806, Samsung Apartment, Purunmaule, 931, Hogye 2-dong, Dongan-ku, Anyang-si, 431-837 Kyunggi-do (KR). KIM, Wan-Gi [KR/KR]; No. 209-702, Wonchun Jukong 2nd Apartment, Wonchun-dong, Paldal-ku, Suwon-si, 442-756 Kyunggi-do (KR). KIM, Su-Jong [KR/KR]; No. 303, Vision House, 314-1, Bora-ri, Giheung-eup, Yongin-si, 449-904 Kyunggi-do (KR). KIM, Ji-Hyun [KR/KR]; No. 302, 52-25, Shingal-ri, Giheung-eup, Yongin-si, 449-907 Kyunggi-do (KR). LEE, Tae-Ryong [KR/KR]; 314-1, Bora-ri, Giheung-eup, Yongin-si, 449-904 Kyunggi-do (KR). SIM, Young-Chul [KR/KR]; No. 123-1402, Samik Apartment, Parktown, Sunae-dong, Bundang-ku, Sungnam-si, 463-020 Kyunggi-do (KR). LEE, Sang-Jun [KR/KR]; No. 205-702, LG Apartment, Hansolmaule, Jeongja-dong, Bundang-ku, Sungnam-si, 463-909 Kyunggi-do (KR).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04, 1/12

(11) WO 2004/084886 (13) A1

(21) PCT/PT2004/000005

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 102931 28 Mar/mar 2003 PT (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THE USE OF BLOCKERS FOR THE LONG-TERM INHIBITION OF Na⁺-K⁺-ATPase AND/OR Na⁺/H⁺ EXCHANGE ACTIVITIES FOR THE PREPARATION OF A MEDICAMENT FOR THE INTESTINAL THERAPY
• UTILISATION D'INHIBITEURS DESTINES A L'INHIBITION A LONG TERME D'ACTIVITES D'ECHANGE DE NA<SP>+</SP>-K<SP>+</SP>-ATPASE ET/OU NA<SP>+</SP>/H<SP>+</SP> POUR LA PREPARATION D'UN MEDICAMENT DESTINE AU TRAITEMENT INTESTINAL

(71) UNIVERSIDADE DO PORTO [PT/PT]; Rua D. Manuel II, P-4050-345 Porto (PT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIEIRA ARAÚJO SOARES DA SILVA, Patricio, Manuel [PT/PT]; Rua Alfredo Keil,, N°371-8°Esquerdo, P-4150-049 Porto (PT).

(74) PEREIRA DA CRUZ, Jorge, Afonso, May; Rua Vitor Cordon N°14, P-1249-103 Lisboa (PT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/401, C07D 207/04

(11) WO 2004/084887 (13) A1

(21) PCT/US2004/008995

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,212 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF 5-METHYL-N-ARYL-2-PYRROLIDONE AND 5-METHYL-N-CYCLOALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEVULINIC ACID WITH ARYL AMINES

• PRODUCTION DE 5-METHYL-N-ARYL-2-PYRROLIDONE ET DE 5-METHYL-N-CYCLOALKYL-2-PYRROLIDONE PAR AMINATION REDUCTRICE D'ACIDE LEVULINIQUE AVEC DES ARYLAMINES

(71) E.I. DUPONT 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) MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) FELTHAM, Neil, S.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/4015, A01N 43/36, C07D 207/12

(11) WO 2004/084888 (13) A1

(21) PCT/US2004/009001

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,048 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF 5-METHYL-N-(METHYL ARYL)-2-PYRROLIDONE, 5-METHYL-N-(METHYL CYCLOALKYL)-2-PYRROLIDONE AND 5-METHYL-N-ALKYL-2-PYRROLIDONE

• PRODUCTION DE 5-METHYL-N-(METHYLARYL)-2-PYRROLIDONE, DE 5-METHYL-N-(METHYLCYCLOALKYL)-2-PYRROLIDONE ET DE 5-METHYL-N-ALKYL-2-PYRROLIDONE

(71) E.I. DUPONT 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) MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) FELTHAM, S., Neil; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/404, 31/235, 31/553, 31/00, A61P 1/00

(11) WO 2004/084889 (13) A1

(21) PCT/IB2004/000891

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/458,673 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF PROTEIN KINASE C INHIBITOR FOR SUPPRESSING SUSTAINED SLOW POSTSYNAPTIC EXCITATION (SSPE) OF ENTERIC NEURONS

• UTILISATION DE L'INHIBITEUR DE LA PROTEINEKINASE C POUR SUPPRIMER L'EXCITATION POSTSYNAPTIC LENTE SOUTENUE (SSPE) DE NEURONES ENTERIQUES

(71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US).

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

(71) PFIZER JAPAN INC. [JP/JP]; Shinjuku Bunka Quint Bldg., 3-22-7, Yoyogi, Shibuya-ku, Tokyo 151-8589 (JP).

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(72, 75) FURNESS, John, Barton [AU/AU]; 27 Gore Street, Fitzroy, VIC 3065 (AU). STEBBING, Martin, James [AU/AU]; 19 Collins Street, Thornbury, VIC 3071 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/41, 31/4164, 31/4178, 31/4196, 31/4245, A61P 11/06, C07D 231/12, 233/54, 249/12, 263/32, 307/42, 317/22, 333/16, 333/18, 403/10, 403/12, 405/10, 413/10, C07K 14/47, G01N 33/50, 33/53

(11) WO 2004/084890 (13) A1

(21) PCT/AU2004/000374

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,060 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THERAPEUTIC AND PROPHYLACTIC COMPOSITIONS AND USES THEREFOR

• COMPOSITIONS THERAPEUTIQUES ET PROPHYLACTIQUES ET UTILISATIONS ASSOCIEES

(71) CRC FOR ASTHMA LIMITED [AU/AU]; Level 6, Medical Foundation Building, 92 Parramatta Road, Camperdown, New South Wales 2050 (AU).

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(72, 75) ROLPH, Michael [AU/AU]; 7/24 Belgrave Street, Kogarah, New South Wales 2217 (AU). MACKAY, Charles [AU/AU]; 1 Belah Gardens, Vaucluse, New South Wales 2030 (AU).

(74) HUGHES, E, John, L et al. / etc.; Davies Collison Cave, 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/416, 31/443, 31/4525, 31/5377, A61P 3/04, 3/10, 29/00, 1/00, 11/00, 17/00, 19/00, 27/00, 37/00

(11) WO 2004/084891 (13) A1

(21) PCT/US2004/009209

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,810 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR TREATING INFLAMMATORY CONDITIONS OR INHIBITING JNK

• METHODES DESTINEES A TRAITER DES AFFECTIONS INFLAMMATOIRES OU INHIBER LA JNK

(71) SIGNAL PHARMACEUTICALS, LLC [US/US]; 4550 Towne Centre Court, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNETT, Brydon, L. [NZ/US]; 4931 Diane Court, San Diego, CA 92117 (US). BHAGWAT, Shripad, S. [US/US]; 5015 Ashley Falls Court, San Diego, CA 92130 (US). MANNING, Anthony, M. [US/US]; 2053 Park Boulevard, Palo Alto, CA 94306 (US). MURRAY, Brion, W. [US/US]; 2685 Narcissus Drive, San Diego, CA 92106 (US). O'LEARY, Eoin, C. [US/US]; 2726 Ariane Drive, San Diego, CA 92117 (US). SATOH, Yoshitaka [JP/US]; 11460 Larmier Circle, San Diego, CA 92131 (US).

(74) INSOGNA, Anthony, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/426, 38/55, A61P 1/16

(11) WO 2004/084892 (13) A1

(21) PCT/US2004/008415

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/395,772 24 Mar/mar 2003 US (24.03.2003)

(30) 10/802,829 18 Mar/mar 2004 US (18.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF RITONAVIR FOR THE TREATMENT OF UNCONJUGATED HYPERBILIRUBINEMIA

• UTILISATION DE RITONAVIR POUR TRAITER UNE HYPERBILIRUBINEMIE INDIRECTE

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

(72) KEMPF, Dale, J.; 256 Tyler Court, Libertyville, Illinois 60048 (US). BERTZ, Richard, J.; 5828 80th Place, Kenosha, Wisconsin 53142 (US). WARING, Jeffrey, E.; 4717 W. Forest Hill Avenue, Franklin, Wisconsin 53132 (US).

(74) FUZAIL, Kalim et al. / etc.; ABBOTT LABORATORIES, Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, Illinois 60064-6008 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/439, 31/52, 31/4015, A61P 35/00

(11) WO 2004/084893 (13) A1

(21) PCT/SE2004/000452

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0300812-5 24 Mar/mar 2003 SE (24.03.2003)

(30) 60/456,525 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHARMACEUTICAL USE OF 1-AZABICYCLO[2.2.2]OCTANES AND A METHOD OF TESTING COMPOUNDS FOR THE ABILITY OF ACTIVATING INACTIVE WT P53

• UTILISATION PHARMACEUTIQUE DE 1-AZABICYCLO[2.2.2]OCTANES ET PROCEDE D'ESSAI DE COMPOSES CONCERNANT LA CAPACITE D'ACTIVATION DE WT P53 INACTIF

(71) APREA AB [SE/SE]; c/o Karolinska Innovations AB, Fogdevreten 2B, S-171 77 Stockholm (SE).
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(72, 75) STRÖMBLAD, Staffan [SE/SE]; Fullerstavägen 46 A, S-141 44 Huddinge (SE). BAO, Wenije [CN/SE]; Diagnosvägen 3C, S-141 53 Huddinge (SE). SELIVANOVA, Galina [RU/SE]; Hagalundsgatan 44, S-169 64 Solna (SE). ISSAEVA, Natalia [RU/SE]; Röntgenvägen 1/410, S-141 52 Huddinge (SE).

(74) DR. LUDWIG BRANN PATENTBYRÅ AB; P.O. BOX 171 92, Maria Skolgata 83, S-104 62 Stockohlm (SE).

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

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

(51)⁷ A61K 31/44, 31/439

(11) WO 2004/084894 (13) A1

(21) PCT/EP2004/050374

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03007099.9 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNERGISTIC COMBINATION COMPRISING ROFLUMILAST AND REVATROPATE FOR THE TREATMENT OF RESPIRATORY DISEASES

• COMBINAISON SYNERGETIQUE COMPRENANT DU ROFLUMILAST ET DU REVATROPATE DESTINEE AU TRAITEMENT DE MALADIES RESPIRATOIRES

(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, 75) BUNDSCHUH, Daniela [DE/DE]; Rheingutstrasse 17, 78462 Konstanz (DE). WOLLIN, Stefan-Lutz [DE/DE]; Lehrenweg 15/4, 88709 Meersburg (DE). WEIMAR, Christian [DE/DE]; Helene und Maria Schiess-Str. 29, 78467 Konstanz (DE).

(74) RUPP, Herbert; c/o Altana Pharma AG, Byk-Gulden-Str. 2, 78467 Konstanz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 31/4415, 31/4355, 31/675, A61P
39/00

(11) WO 2004/084895 (13) A2

(21) PCT/IB2004/000899

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,167 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MODULATION OF CELL DEATH

• MODULATION DE MORT CELLU-
LAIRE

(71) MEDICURE, INC. [CA/CA]; 4-1200 Wa-
verly Street, Winnipeg, Manitoba R3T 0P4
(CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FRIESEN, Albert, David [CA/CA]; 77
Shorecrest Drive, Winnipeg, Manitoba (CA).

(74) DUBUC, J. et al. / etc.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/46, A61P 11/00, A61K 31/44

(11) WO 2004/084896 (13) A1

(21) PCT/EP2004/050376

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03007104.7 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNERGISTIC COMBINATION COM-
PRISING ROFLUMILAST AND AN AN-
TICHOLINERGIC AGENT SELECTED
FROM IPRATROPIUM, OXITROPIUM
AND TIOTROPIUM SALTS FOR THE
TREATMENT OF RESPIRATORY DIS-
EASES

• ASSOCIATION SYNERGIQUE

(71) ALTANA PHARMA AG [DE/DE];
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BUNDSCHUH, Daniela [DE/DE];
Rheingutstrasse 17, 78462 Konstanz
(DE). WOLLIN, Stefan-Lutz [DE/DE];
Lehrenweg 15/4, 88709 Meersburg (DE).
WEIMAR, Christian [DE/DE]; Helene und
Maria Schiess-Str. 29, 78467 Konstanz (DE).

(74) RUPP, Herbert; Altana Pharma AG, Byk-
Gulden-Str. 2, 78467 Konstanz (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 31/46, 31/44, A61P 11/00

(11) WO 2004/084897 (13) A1

(21) PCT/EP2004/050377

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03007101.3 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNERGISTIC COMBINATION COM-
PRISING ROFLUMILAST AND AN AN-
TICHOLINERGIC AGENT SELECTED
FROM IPRATROPIUM, OXITROPIUM
AND TIOTROPIUM SALTS FOR THE
TREATMENT OF RESPIRATORY DIS-
EASES

• ASSOCIATION SYNERGIQUE CONTE-
NANT DU ROFLUMILAST ET UN
AGENT ANTICHOLINERGIC SELECTIONNE
PARMI LES SELS
D'IPRATROPIUM, D'OXITROPIUM ET
DE TIOTROPIUM ET DESTINEE AU
TRAITEMENT DE MALADIES RESPI-
RATOIRES

(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, 75) BUNDSCHUH, Daniela [DE/DE];
Rheingutstrasse 17, 78462 Konstanz
(DE). WOLLIN, Stefan-Lutz [DE/DE];
Lehrenweg 15/4, 88709 Meersburg (DE).
WEIMAR, Christian [DE/DE]; Helene und
Maria Schiess-Str. 29, 78467 Konstanz (DE).

(74) RUPP, Herbert; c/o Altana Pharma AG,
Byk-Gulden-Str. 2, 78467 Konstanz (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 31/4965, 31/439, 31/4015, 31/405,
31/497, C07C 311/37, C07D 241/04, 453/02,
207/40, 403/06, 487/04, 401/04, 243/08,
403/04, 207/34

(11) WO 2004/084898 (13) A1

(21) PCT/EP2004/002496

(22) 11 Mar/mar 2004 (11.03.2004)

- (25) en (26) en
(30) 03006293.9 **24 Mar/mar 2003 EP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • 2-PHENOXY- AND 2-PHENYLSULFONAMIDE DERIVATIVES WITH CCR3 ANTAGONISTIC ACTIVITY FOR THE TREATMENT OF ASTHMA AND OTHER INFLAMMATORY OR IMMUNOLOGICAL DISORDERS
- DERIVES DE 2-PHENOXY- ET 2-PHENYLSULFONAMIDE A ACTIVITE ANTAGONISTE DE CCR3 POUR LE TRAITEMENT DE L'ASTHME ET D'AUTRES TROUBLES INFLAMMATOIRES OU IMMUNOLOGIQUES
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LI, Yingfu [CN/JP]; 4-260-1-509, Omiya-cho, Nara-shi, Nara 630-8115 (JP). BACON, Kevin [GB/JP]; 5-15-912, Koyo-cho, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP). SUGIMOTO, Hiromi [JP/JP]; 4-25-2-B201, Sakuragaoka, Seika-cho, Soraku-gun, Kyoto 619-0232 (JP). FUKUSHIMA, Keiko [JP/JP]; D-201 3-5-17, Sakyō, Nara-shi, Nara 631-0801 (JP). HASHIMOTO, Kentaro [JP/JP]; 8-5-106, Higashi-machi, Minamihanda, Nara-shi, Nara 630-8277 (JP). MARUMO, Makiko [JP/JP]; 4-9-307, Minami-machi, Saidaiji, Nara-shi, Nara 631-0824 (JP). MORIWAKI, Toshiya [JP/JP]; 2-25-4, Kitayamato, Ikoma-shi, Nara 630-0121 (JP). NUNAMI, Noriko [JP/JP]; D-201 3-5-14, Sakyō, Nara-shi, Nara 631-0801 (JP). TSUNO, Naoki [JP/JP]; 135-1-102, Aono-cho, Nara-shi, Nara 631-0841 (JP). URBHANS, Klaus [DE/JP]; 6-3-1-301, Kusugaoka-cho, Nada-ku, Kobe-shi, Hyogo 657-0024 (JP). YOSHIDA, Nagahiro [JP/JP]; 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto 619-0223 (JP).
- (74) BAYER HEALTHCARE AG; Law & Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/5025, 47/02, A61P 1/04
(11) WO 2004/084899 (13) A1
(21) PCT/JP2004/004073
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-080046 **24 Mar/mar 2003 JP (24.03.2003)**
- (30) 2003-323948 **17 Sep/sep 2003 JP (17.09.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MEDICINAL COMPOSITION CONTAINING PYRROLOPYRIDAZINE COMPOUND
- COMPOSITION MEDICINALE QUI COMPREND UN COMPOSE DE PYRROPYRIDAZINE
- (71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 1038426 (JP). UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, O-aza Kogushi, Ube-shi, Yamaguchi 7558633 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAKIYAMA, Naoki [JP/JP]; c/o Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 1408710 (JP). WATANABE, Tomoyuki [JP/JP]; c/o Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 1408710 (JP). SHIBAKAWA, Nobuhiko [JP/JP]; c/o Ube Research Laboratory, Ube Industries, Ltd., 1978-5, O-aza, Kogushi, Ube-shi, Yamaguchi 7558633 (JP). MATSUNOBU, Keiji [JP/JP]; c/o Ube Research Laboratory, Ube Industries, Ltd., 1978-5, O-aza, Kogushi, Ube-shi, Yamaguchi 7558633 (JP). HAGIHARA, Masahiko [JP/JP]; c/o Ube Research Laboratory, Ube Industries, Ltd., 1978-5, O-aza, Kogushi, Ube-shi, Yamaguchi 7558633 (JP).
- (74) KUMAKURA, Yoshio et al. / etc.; Nakamura & Partners, Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 1008355 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/505, A61P 17/00, 17/04, 17/06
(11) WO 2004/084900 (13) A1
(21) PCT/GB2004/001242
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 0306859.0 **25 Mar/mar 2003 GB (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TOPICAL FORMULATION AND USE OF BUSPIRONE
- PREPARATION TOPIQUE ET UTILISATION DE BUSPIRONE
- (71) ARACHNOVA THERAPEUTICS LTD.; 95 Halkett Place, St. Helier, Jersey JE1 1BX (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CAVALLA, David [GB/GB]; Arachnova Ltd., St. John's Innovation Centre, Cambridge CB4 0WS (GB). GRISTWOOD, Robert, William [GB/GB]; Arachnova Ltd., St. John's Innovation Centre, Cambridge CB4 0WS (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/506, 31/5377, C07D 239/42, A61P 3/04, 3/10
(11) WO 2004/084901 (13) A1
(21) PCT/US2004/009208
(22) 24 Mar/mar 2004 (24.03.2004)
(25) en (26) en
(30) 10/395,811 **24 Mar/mar 2003 US (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHODS FOR TREATING OR PREVENTING AN INFLAMMATORY OR METABOLIC CONDITION BY INHIBITING JNK
- METHODES PERMETTANT DE TRAITER OU DE PREVENIR UN TROUBLE INFLAMMATOIRE OU METABOLIQUE PAR INHIBITION DE KINASES JNK
- (71) SIGNAL PHARMACEUTICALS, LLC [US/US]; 4550 Towne Centre Court, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATOH, Yoshitaka [JP/US]; 11460 Larmier Circle, San Diego, CA 92131 (US). BHAGWAT, Shripad, S. [US/US]; 5015 Ashley Falls Court, San Diego, CA 92130 (US).
- (74) INSOGNA, Anthony, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK 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 31/515, A61P 17/02

(11) WO 2004/084902 (13) A1

(21) PCT/EP2004/003203

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03007121.1 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF A TRIOXOPYRIMIDINE FOR THE TREATMENT OF CHRONIC WOUNDS

• UTILISATION D'UNE TRIOXOPYRIMIDINE DANS LE TRAITEMENT DE LÉSIONS CHRONIQUES

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

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

(72, 75) DAGDELEN, Nuray [DE/DE]; Passauerstrasse 169, 81369 Muenchen (DE). KRELL, Hans-Willi [AT/DE]; Zugspitzstrasse 14a, 82377 Penzberg (DE). ROESKEN, Frank [DE/DE]; Diefenbachstrasse 18, 81479 Muenchen (DE). SAFAK, Okan [DE/DE]; Balanstrasse 97b, 81539 Muenchen (DE). SOMMERHOFF, Christian [DE/DE]; Thomassstrasse 7, 81929 München (DE).

(74) SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/515, A61P 27/02

(11) WO 2004/084903 (13) A1

(21) PCT/EP2004/003206

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03006817.5 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF A TRIOXOPYRIMIDINE FOR THE TREATMENT AND PREVENTION OF OCULAR PATHOLOGIC ANGIOGENESIS

• UTILISATION D'UNE TRIOXOPYRIMIDINE POUR LE TRAITEMENT ET LA PREVENTION DE

L'ANGIOGENESE PATHOLOGIQUE OCULAIRE

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH). UNIVERSITÉ DE LIÈGE [BE/BE]; Quai Van Beneden, 25, B-4020 Liège (BE).

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

(72, 75) FOIDART, Jean-Michel [BE/BE]; Sur la Heid, 3, B-4870 Trooz (BE). FRANKENNE, Francis [BE/BE]; Heids de Ninane, 15, B-4050 Chaudfontaine (BE). KRELL, Hans-Willi [AT/DE]; Zugspitzstrasse 14a, 82377 Penzberg (DE). LAMBERT, Vincent [BE/BE]; Avenue des Frenes, 7, B-4121 Neupre (BE). NOEL, Agnes [BE/BE]; Les Cours, 8, B-4653 Bolland (BE). RAKIC, Jean-Marie [BE/BE]; Barys, 12, B-5370 Flostoy (BE).

(74) SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/517, 31/138, A61P 1/16

(11) WO 2004/084904 (13) A1

(21) PCT/GB2004/001323

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,450 28 Mar/mar 2003 US (28.03.2003)

(30) 60/466,646 30 Apr/avr 2003 US (30.04.2003)

(30) 60/493,559 8 Aug/août 2003 US (08.08.2003)

(30) 60/503,142 12 Sep/sep 2003 US (12.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD OF TREATING LIVER DISEASE

• PROCEDE DE TRAITEMENT DE MALADIE DU FOIE

(71, 72) OBEN, Jude, A. [GB/GB]; 33 Norfolk House Road, London SW16 1JJ (GB).

(72, 75) DIEHL, Ana, Mae [US/US]; Dept. of Gastroenterology, John Hopkins University, 933 Ross Building, 720 Rutland Avenue, Baltimore, MD 21286 (US).

(74) JENSEN & SON; 366-368 Old Street, London EC1V 9LT (GB).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61K 31/517, 31/519, 31/55, 31/5513, 31/451, 31/138, 31/496, 31/48, 45/06, A61P 17/00

(11) WO 2004/084905 (13) A2

(21) PCT/US2004/009230

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,147 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR TREATING IDIOPATHIC HYPERHIDROSIS AND ASSOCIATED CONDITIONS

• METHODES DE TRAITEMENT DE L'HYPERHIDROSE IDIOPATHIQUE ET DE PATHOLOGIES ASSOCIEES

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611-5500 (US).

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

(72, 75) SHAPIRA, Nathan, Andrew [US/US]; 9520 SW 38th Lane, Gainesville, FL 32608 (US). GOLDSMITH, Toby, Doris [US/US]; 9520 SW 38th Lane, Gainesville, FL 32608 (US). BLIER, Pierre, Martin [CA/CA]; 1145 Carling Ave., Suite 2043, Lady Grey, Ottawa K1Z 7K4 (CA).

(74) EFRON, Margaret et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2423 NW 41st Street, Suite A-1, Gainesville, FL 32606-6669 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, A61P 3/06, 3/10, 9/04, 9/10,
9/12, 39/06, 43/00
- (11) WO 2004/084906 (13) A1
- (21) PCT/EP2003/011138
- (22) 8 Oct/oct 2003 (08.10.2003)
- (25) en (26) en
- (30) PCT/EP03/03096 25 Mar/mar 2003 EP
(25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • USE OF PTERIDINE DERIVATIVES
FOR THE TREATMENT OF IN-
CREASED INTRACRANIAL PRES-
SURE, SECONDARY ISCHEMIA, AND
DISORDERS ASSOCIATED WITH AN
INCREASED LEVEL OF CYTOTOXIC
REACTIVE OXYGEN SPECIES
- UTILISATION DE DERIVES DE PTE-
RIDINE POUR LE TRAITEMENT DE
PRESSION INTRACRANIEUNE AC-
CRUE, D'ISCHEMIE SECONDAIRE,
ET DE TROUBLES ASSOCIES A
UN NIVEAU ACCRU D'ESPECES
REACTIVES CYTOTOXIQUES DE
L'OXYGENE
- (71) VASOPHARM BIOTECH GMBH
[DE/DE]; Friedrich-Bergius-Ring 15, 97076
Würzburg (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DOBLHOFER, Robert [AT/DE];
Tannenstrasse 48, 85640 Putzbrunn (DE).
TEGMEIER, Frank [DE/DE]; Am
Sprenger 61, 41516 Grevenbroich (DE).
- (74) VIERING, Hans-Martin; Viering,
Jentschura & Partner, Steinsdorfstr. 6, 80358
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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/5575, 47/10, 47/14, 47/18, 47/36,
A61P 15/10
- (11) WO 2004/084908 (13) A1
- (21) PCT/US2004/008222
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/456,597 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROSTAGLANDIN COMPOSITIONS
FOR THE TREATMENT OF ERECTILE
DYSFUNCTION
- COMPOSITIONS DE PROSTAGLAN-
DINE POUR LE TRAITEMENT DE
DYSERECTION
- (71) NEXMED (HOLDINGS), INC. [US/US];
350 Corporate Drive, Robbinsville, NJ 08691
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) LIN, Guiting [CN/US]; 2262 31st
Avenue, San Francisco, CA 94116 (US). MO,
Y., Joseph [US/US]; 1 Bellevue Terrace,
Princeton, NJ 08540 (US). LU, Mingqi
[US/US]; 12 Fountayne Lane, Lawrenceville,
NJ 08648 (US). GUO, Yinglu [CN/CN]; 15
Xishikua Street, Beijing 100034 (CN).
- (74) ZIMMERMAN, Roger, P. et al. / etc.;
Bowditch & Dewey, LLP, 161 Worcester
Road, Framingham, MA 01701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 31/66, 31/185
- (11) WO 2004/084909 (13) A1
- (21) PCT/US2002/026204
- (22) 20 Aug/août 2002 (20.08.2002)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FORMULATIONS AND METHODS OF
REDUCING TOXICITY OF ANTI-IN-
FECTIVE AGENTS
- PREPARATIONS ET PROCEDES
DE REDUCTION DE LA TOXICITE
D'AGENTS ANTI-INFECTION
- (71) BIONUMERIK PHARMACEUTICALS,
INC. [US/US]; Suite 1250, 8122 Datapoint
Drive, San Antonio, TX 78229 (US).
- (72) HAUSHEER, Frederick, H.; 203 Kendall
Parkway, Boerne, TX 78015 (US).
- (74) DODD, Thomas, J.; Senior Patent Coun-
sel, BioNumerik Pharmaceuticals, Inc., Suite
1250, 8122 Datapoint Drive, San Antonio, TX
78229 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW 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.
-
- (51)⁷ A61K 31/675, 31/4415, 31/4353, 31/4355,
A61P 9/10
- (11) WO 2004/084910 (13) A1
- (21) PCT/IB2004/000910
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/457,907 27 Mar/mar 2003 US
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COMPOSITIONS FOR TREATING
ANGINA
- COMPOSITIONS POUR TRAITER
L'ANGINE DE POITRINE
- (71) MEDICURE INC. [CA/CA]; 4-1200 Wa-
verly Street, Winnipeg, Manitoba R3T 0P4
(CA).
-
- (51)⁷ A61K 31/519, 31/345, A61P 9/10
- (11) WO 2004/084907 (13) A2
- (21) PCT/EP2004/003246
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en

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

(72, 75) REIMER, Dawson, James [CA/CA]; 30 Lakepointe Road, Winnipeg, Manitoba (CA).

(74) DUBUC, Jean, H. et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61K 31/70

(11) WO 2004/084911 (13) A2

(21) PCT/JP2004/004049

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,560 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MODULATION OF IMMUNE RESPONSE BY ADMINISTRATION OF ROXITHROMYCIN OR ITS DERIVATIVE

• MODULATION DE REPONSES IMMUNITAIRES PAR ADMINISTRATION DE ROXITHROMICINE OU DE SON DERIVE

(71) Y'S THERAPEUTICS CO., LIMITED [JP/JP]; 4-1-1, Toranomon, Minato-ku, Tokyo, 1050001 (JP).

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

(72, 75) MORIMOTO, Chikao [JP/JP]; 5-25-16, Matsubara, Setagaya-ku, Tokyo, 1560043 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg., 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki, 3000847 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/70, C07H 5/06, 7/033, C08B 37/08, A61P 25/00

(11) WO 2004/084912 (13) A1

(21) PCT/JP2004/004240

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083831 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMEDY FOR NERVE DAMAGE

• REMEDE CONTRE UNE LESION NERVEUSE

(71) SEIKAGAKU CORPORATION [JP/JP]; 1-5, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 1030023 (JP).

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(72, 75) KATO, Tadahiko [JP/JP]; 2512-32, Hirai Hinodecho, Nishitama-gun, Tokyo 1900182 (JP). ASARI, Akira [JP/JP]; Room 410, Diaparesu, 769-2, Oaza Bushi, Iruma-shi, Saitama 3580053 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3 chome, Chuo-ku, Tokyo 1030004 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/7008, A61P 37/06

(11) WO 2004/084913 (13) A1

(21) PCT/CN2004/000275

(22) 29 Mar/mar 2004 (29.03.2004)

(25) zh (26) zh

(30) 03108277.7 27 Mar/mar 2003 CN (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF N-ACETYL-D-AMINOGLYCOSAMINE IN TREATMENT OF LOCAL LESIONS OR SYSTEMATIC SYMPTOMS RELATED TO AUTOIMMUNE REACTIONS

• UTILISATION DE N-ACETYL-D-AMINOGLYCOSAMINE POUR LE TRAITEMENT DE LESIONS LOCALES OU DE SYMPTOMES SYSTEMATIQUES ASSOCIES A DES REACTIONS AUTO-IMMUNES

(71) THIRD MILITARY MEDICAL UNIVERSITY, CHINESE PEOPLE'S LIBERATION ARMY, P.R. OF CHINA [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN).

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

(72, 75) XU, Qiwang [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN). LIU, Junkang [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN). YUAN, Zetao [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN).

(74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/7008, A61P 39/02

(11) WO 2004/084914 (13) A1

(21) PCT/CN2004/000276

(22) 29 Mar/mar 2004 (29.03.2004)

(25) zh (26) zh

(30) 03108279.3 27 Mar/mar 2003 CN (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF N-ACETYL-D-AMINOGLYCOSAMINE IN TREATMENT OF ORGAN LESIONS RELATED TO TOXICOSIS OF DRUGS OR CHEMICALS

• UTILISATION DE LA N-ACETYL-D-AMINOGLYCOSAMINE DANS LE TRAITEMENT DE LESIONS ORGANIQUES ASSOCIEES A LA TOXICITE DE MEDICAMENTS OU DE PRODUITS CHIMIQUES

(71) THIRD MILITARY MEDICAL UNIVERSITY, CHINESE PEOPLE'S LIBERATION ARMY, P.R. OF CHINA [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN).

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

(72, 75) XU, Qiwang [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN). LIU, Junkang [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN). YUAN, Zetao [CN/CN]; No. 30, Gaotanyan Street, Shapingba District, Chongqing 400038 (CN).

(74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/7008, A61P 31/00
(11) WO 2004/084915 (13) A1
(21) PCT/CN2004/000280
(22) 29 Mar/mar 2004 (29.03.2004)
(25) zh (26) zh
(30) 03108278.5 27 Mar/mar 2003 CN
(27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • USE OF N-ACETYL-D-AMINOGLY-
COSAMINE IN TREATMENT OF
NON-SPECIFIC INFLAMMATIONS
RELATED TO PHYSICAL OR CHEMI-
CAL FACTORS
• UTILISATION DE N-ACETYL-D-AMI-
NOGLYCOSAMINE DANS LE TRAI-
TEMENT D'INFLAMMATIONS NON
SPECIFIQUES ASSOCIEES A DES
FACTEURS PHYSIQUES OU CHI-
MIQUES
(71) THIRD MILITARY MEDICAL UNI-
VERSITY, CHINESE PEOPLE'S LIBER-
ATION ARMY, P.R. OF CHINA [CN/CN];
No. 30, Gaotanyan Street, Shapingba Dis-
trict, Chongqing 400038 (CN).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) XU, Qiwang [CN/CN]; No. 30,
Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN). LIU, Junkang
[CN/CN]; No. 30, Gaotanyan Street, Shap-
ingba District, Chongqing 400038 (CN).
YUAN, Zetao [CN/CN]; No. 30, Gaotanyan
Street, Shapingba District, Chongqing
400038 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/7008, A61P 31/00, 39/00
(11) WO 2004/084916 (13) A1
(21) PCT/CN2004/000281
(22) 29 Mar/mar 2004 (29.03.2004)
- (25) zh (26) zh
(30) 03108280.7 27 Mar/mar 2003 CN
(27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • USE OF ACETYL-D-AMINOGLY-
COSAMINE IN TREATMENT OF LO-
CAL LESIONS AND SYSTEMATIC
SYMPTOMS RELATED TO INFEC-
TIONS OF VIRUS OR BACTERIA
• UTILISATION DE N-ACETYLE-D-AM-
INOGLYCOSAMINE DANS LE
TRAITEMENT DE LESIONS LO-
CALES ET DE SYMPTOMES SYSTE-
MATIQUES LIES AUX INFECTIONS
VIRALES OU BACTERIENNES
(71) THIRD MILITARY MEDICAL UNI-
VERSITY, CHINESE PEOPLE'S LIBER-
ATION ARMY, P.R. OF CHINA [CN/CN];
No. 30, Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) XU, Qiwang [CN/CN]; No. 30,
Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN). LIU, Junkang
[CN/CN]; No. 30, Gaotanyan Street, Shap-
ingba District, Chongqing 400038 (CN).
YUAN, Zetao [CN/CN]; No. 30, Gaotanyan
Street, Shapingba District, Chongqing
400038 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/7072, 31/664, A61P 35/00
(11) WO 2004/084917 (13) A1
(21) PCT/EP2003/013008
(22) 20 Nov/nov 2003 (20.11.2003)
(25) de (26) de
(30) 103 13 035.7 24 Mar/mar 2003 DE
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • USE OF 5-SUBSTITUTED NUCLE-
OSIDES FOR REINFORCING THE
APOPTOTIC EFFECT OF CYTOSTATIC
DRUGS
• UTILISATION DE NUCLEOSIDES
SUBSTITUEES EN 5 POUR RENFOR-
CER L'EFFET APOPTOTIQUE DE
CYTOSTATIQUES
(71) RESPROTECT GMBH [DE/DE]; Fiedler-
strasse 34, 01307 Dresden (DE).
- (for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) FAHRIG, Rudolf [DE/DE]; Fritz-
Goy-Weg 3, 30657 Hannover (DE). HEIN-
RICH, Jörg-Christian [DE/DE]; Poh-
landstrasse 14, 01309 Dresden (DE).
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5/5, A-1160 Wien (AT).
(74) PFENNING, MEINIG & PARTNER
GBR; Mozartstrasse 17, 80336 München
(DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 31/715, 31/01, 31/17, 31/722,
31/726, 31/727, 31/728, A61P 17/00, 17/04,
37/08
(11) WO 2004/084918 (13) A1
(21) PCT/JP2004/004159
(22) 25 Mar/mar 2004 (25.03.2004)
(25) ja (26) ja
(30) 2003-083597 25 Mar/mar 2003 JP
(25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ANTIPRURITIC COMPOSITION FOR
EXTERNAL USE ON SKIN
• COMPOSITION ANTIPRURITIQUE
DESTINEE A L'USAGE EXTERNE CU-
TANE
(71) SEKISUI CHEMICAL CO., LTD. [JP/JP];
4-4, Nishitemma 2-chome, Kita-ku, Osaka-
shi, Osaka 530-8565 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) SHIMIZU, Tatsuo [JP/JP]; c/o Sekisui
Chemical Co., Ltd., 2-1, Hyakuyama, Shi-
mamotocho, Mishima-gun, Osaka 618-8589
(JP). KURIYAMA, Kiyoshi [JP/JP]; c/o
Sekisui Chemical Co., Ltd., 2-1, Hyakuyama,
Shimamotocho, Mishima-gun, Osaka
618-8589 (JP).
(74) YASUTOMI, Yasuo; Chuo Bldg., 4-20,
Nishinakajima 5-chome, Yodogawa-ku, Os-
aka-shi, Osaka 532-0011 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/715, A61P 13/12, 1/16, A23L 1/308

(11) WO 2004/084919 (13) A1

(21) PCT/JP2004/004319

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086141 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOOD FOR IMPROVING CLINICAL CONDITIONS CAPABLE OF LOWERING THE CONCENTRATION OF LOW-MOLECULAR WEIGHT NITROGEN-CONTAINING COMPOUNDS IN BLOOD

• PRODUIT ALIMENTAIRE SERVANT A AMELIORER DES CONDITIONS CLINIQUES CAPABLES D'ABAISSE LA CONCENTRATION SANGUINE DE COMPOSES DE FAIBLE POIDS MOLECULAIRE CONTENANT DE L'AZOTE

(71) SHIN-SHIRAKAWA CENTRAL HOSPITAL OF MEDICAL FOUNDATION OF INSTITUTE FOR HEART AND DIGESTIVE ORGAN [JP/JP]; 15, Miwadai, Shirasaka, Shirakawa-shi, Fukushima, 9610835 (JP).

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

(71, 72) YUGARI, Yasumi [JP/JP]; 3-8, Imaizumidai 7-chome, Kamakura-shi, Kanagawa, 2470053 (JP).

(72, 75) KOBAYASHI, Takaaki [JP/JP]; 1197-14, Hiradocho, Totsuka-ku, Yokohama-shi, Kanagawa, 2440803 (JP). FURUYA, Shu [JP/JP]; 6-50, Ichiridan, Shirasaka, Shirakawa-shi, Fukushima, 9610835 (JP).

(74) YOSHIDA, Yoshiharu; Shuwa No.2 Toranomon Building 6F, 21-19, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 31/28, A61P 29/00

(11) WO 2004/084920 (13) A2

(21) PCT/GB2004/001369

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307137.0 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTI-INFLAMMATORY TREATMENT
• TRAITEMENT ANTI-INFLAMMATOIRE

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(71) COCKBAIN, Julian [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB).
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(72, 75) JELLUM, Egil [NO/NO]; Santosolve AS, Forskningsveien 2a, Postboks 180 Vindern, N-0319 Oslo (NO). FAGERLUND, Bjørn, Jarl [NO/NO]; Santosolve AS, Forskningsveien 2a, Postboks 180 Vindern, N-0319 Oslo (NO). KJØLBERG, Clas, Magne [NO/NO]; Santosolve AS, Forskningsveien 2a, Postboks 180 Vindern, N-0319 Oslo (NO). KLAVENESS, Jo [NO/NO]; Santosolve AS, Forskningsveien 2a, Postboks 180 Vindern, N-0319 Oslo (NO). EGE, Thorfinn [NO/NO]; Santosolve AS, Forskningsveien 2a, Postboks 180 Vindern, N-0319 Oslo (NO).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 35/12, 35/44, A61P 9/00, C12N 5/06, 5/08

(11) WO 2004/084921 (13) A1

(21) PCT/AU2004/000417

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901668 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PERIVASCULAR MESENCHYMAL PRECURSOR CELL INDUCED BLOOD VESSEL FORMATION

• FORMATION DE VAISSEAUX SANGUINS INDUITE PAR DES PRECURSEURS MESENCHYMATEUX PERIVASCULAIRES

(71) MEDVET SCIENCE PTY LTD [AU/AU]; 33 Dalgleish Street, Thebarton, S.A. 5031

(AU). ANGIOBLAST SYSTEMS INCORPORATED [US/US]; 279 East 44th Street, New York, NY 10017 (US).

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(72, 75) GRONTHOS, Stan [AU/AU]; 21 Light Place, Colonel Light Gardens, S.A. 5041 (AU). ZANNETTINO, Andrew [AU/AU]; 1 Cypress Court, Highbury, S.A. 5089 (AU).

(74) A.P.T. PATENT AND TRADE MARK ATTORNEYS; PO Box 222, Mitcham, S.A. 5062 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 35/74, A61P 31/04, 31/12, 33/00, 37/04, A23K 1/16, 1/18

(11) WO 2004/084922 (13) A1

(21) PCT/JP2004/003884

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-086370 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFECTION INHIBITOR FOR FISHES AND SHELLFISHES

• INHIBITEUR D'INFECTIONS POUR POISSONS, MOLLUSQUES ET CRUSTACÉS

(71) TAKEDA FOOD PRODUCTS, LTD. [JP/JP]; 2-3-6, Doshomachi, Chuo-ku, Osaka-shi, Osaka 5410045 (JP).

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

(72, 75) KOSHIO, Shunsuke [JP/JP]; 1-59-3, Kinkodai, Kagoshima-shi, Kagoshima 8910145 (JP). YAMAMOTO, Yoshihiro [JP/JP]; 7-7-2, Ogino, Itami-shi, Hyogo 6640002 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda Build. 5F. 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 5300003 (JP).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ A61K 35/74, A61P 25/00, A23K 1/16, 1/18

(11) WO 2004/084923 (13) A1

(21) PCT/JP2004/003898

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-086419 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTISTRESS AGENT

• AGENT ANTISTRESS

(71) TAKEDA FOOD PRODUCTS, LTD. [JP/JP]; 2-3-6, Doshomachi, Chuo-ku, Osaka-shi, Osaka 5410045 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOSHIO, Shunsuke [JP/JP]; 1-59-3, Kinkodai, Kagoshima-shi, Kagoshima 8910145 (JP). YAMAMOTO, Yoshihiro [JP/JP]; 7-7-2, Ogino, Itami-shi, Hyogo 6640002 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda Build., 5F., 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 5300003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP

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

(51)⁷ A61K 35/78

(11) WO 2004/084924 (13) A1

(21) PCT/CN2003/000243

(22) 4 Apr/avr 2003 (04.04.2003)

(25) zh (26) zh

(30) 03121170.4 28 Mar/mar 2003 CN (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHARMACEUTICAL COMPOSITION FOR TREATMENT OF BPH AND PREPARATION THEREOF

• COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE L'HYPERTROPHIE BENIGNE DE LA PROSTATE ET MODE DE PREPARATION

(71) BEIJING WONNER BIOTECH LTD. CO. [CN/CN]; Rm. 406, Tower B, Jia Run Garden, Wang Jing, Chao Yang District, Beijing 100102 (CN).

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(72, 75) ZHANG, Zuoguang [CN/CN]; Rm. 404, 3rd Entrance, No. 20 Building, East Street, Pan Jia Yuan, Chao Yang District, Beijing 100021 (CN). WANG, Yufen [CN/CN]; Rm. 302, 4rd Entrance, No.4 Building, Bi Xuan Yuan, Hou Tai, West Fu Kang Road, Nan kai District, Tianjin 300191 (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A 129 West Xuan Wu Men Street, Beijing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK 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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 33/24, 35/54

(11) WO 2004/084925 (13) A1

(21) PCT/IB2003/001228

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OINTMENT FOR JOINING BROKEN AND FRACTURED BONES

• POMMADE PERMETTANT DE REUNIR LES OS BRISES ET FRACTURES

(71, 72) NAGPURE, Vilas, Ankushrao [IN/IN]; Plot No.17, Mahatma Gandhi Nagar, Hudkeshwar Road, Post.Ayodhya Nagar, Maharashtra, Nagpur 440024 (IN).

(81) AE AG AL AM (Utility model / modèle d'utilité) 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 LR LS LT LU LV MA MD MG MK MN 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 LR LS LT LU LV MA MD MG MK MN 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 LR LS LT LU LV MA MD MG MK MN 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 A61K 35/78, A61P 35/00, 31/12, 31/04

(11) WO 2004/084926 (13) A1

(21) PCT/MX2004/000017

(22) 12 Mar/mar 2004 (12.03.2004)

(25) es (26) es

(30) PA/a/2003/002714 28 Mar/mar 2003 MX (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CELL- AND GLAND-RESTORATIVE AND/OR ANTI-CARCINOGENIC LIQUID AGAVE EXTRACT AND METHOD OF OBTAINING SAME

• EXTRAIT LIQUIDE D'AGAVES ANTICANCERIGENE ET/OU RECONSTITUANT CELLULAIRE ET GLANDULAIRE ET PROCEDE D'OBTENTION DUDIT EXTRAIT

(71, 72) MEIXUEIRO VALVERDE, Enrique [MX/MX]; Privada Cordoba # 15 Frac. Villa del Real, C.P. 55760 Tecamac Edo. de Méx. (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

Published / Publiée : (c)

(51)⁷ A61K 38/00, 45/00, 35/54, 38/16, 31/593

(11) WO 2004/084927 (13) A2

(21) PCT/NL2004/000205

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03075909.6 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHODS OF INDUCING IMMUNO-
TOLERANCE AND COMPOSITIONS
FOR USE THEREIN

- PROCÉDES D'INDUCTION
D'IMMUNOTOLÉRANCE ET
COMPOSITIONS UTILISÉES DANS
CES PROCÉDES

- (71) UNIVERSITEIT UTRECHT HOLDING
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Utrecht (NL).

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les États désignés sauf US)*

- (72, 75) VAN OOSTERHOUT, Antonius, Jose-
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35, NL-3573 PJ Utrecht (NL). KAPSEN-
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enhof 190, NL-1106 GW Amsterdam (NL).
WELLER, Frank, Reinoud [NL/NL]; Pad-
denburg 16, NL-1391 RK Abcoude (NL).
TAHER, Yousef, Al-Madane [LY/NL]; Vol-
lenhove 66, NL-3706 AA Zeist (NL). LO-
BATO-VAN ESCH, Elisabeth, Catharina,
Adriana, Maria [NL/NL]; Olof Palmelaan
18, NL-3527 WH Utrecht (NL). VISSERS,
Joost, Lambert, Max [NL/NL]; Drospad
12, NL-6525 XE Nijmegen (NL).

- (74) WINCKELS, J., H., F.; Nieuwe Parklaan
97, NL-2587 BN Den Haag (NL).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 38/17, 38/19, A61P 35/00

(11) WO 2004/084928 (13) A1

(21) PCT/CA2004/000451

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,022 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • S100 PROTEIN AS NEUTROPHIL AC-
TIVATOR FOR ALLEVIATING NEU-
TROPENIA IN CANCER TREATMENT
• PROTEINE S100 UTILISEE EN TANT
QU'ACTIVATEUR DES NEUTRO-
PHILES POUR ATTENUER LA NEU-
TROPENIE DANS LE TRAITEMENT
DU CANCER

- (71) UNIVERSITÉ LAVAL [CA/CA]; Cité uni-
versitaire, Québec, Québec G1K 7P4 (CA).

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

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440, rue Des Champs, Lac St-Charles,
Québec G3G 1M7 (CA). RYCKMAN,
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- (74) OGILVY RENAULT; Suite 1600, 1981
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H3A 2Y3 (CA).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 38/18, A61P 17/02, 27/02

(11) WO 2004/084929 (13) A1

(21) PCT/EP2004/002899

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 13 341.0 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • USE OF proNGF, IN PARTICULAR FOR
HEALING WOUNDS OF THE CORNEA
AND THE SKIN

- UTILISATION DE proNGF NOTAM-
MENT POUR LA GUERISON DE
PLAIES DE LA CORNÉE ET DE LA
PEAU

- (71) SCIL PROTEINS GMBH [DE/DE]; Hein-
rich-Damerow-Strasse 1, 06120 Halle (DE).

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

- (72, 75) LOREY, Susan [DE/DE]; Rudolf-
Haym-Strasse 14, 06110 Halle (DE).
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Gabriele [DE/DE]; Willy-Lohmann-Strasse
11, 06114 Halle (DE). FIEDLER, Ulrike
[DE/DE]; Lafontaine Strasse 30, 06114 Halle
(DE).

- (74) BEHNISCH, Werner; Reinhard Skuhra
Weise & Partner GbR, Friedrichstrasse 31,
80801 München (DE).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 38/18, 38/17, A61P 3/00, A01K
67/027, C12N 5/06, G01N 33/68

(11) WO 2004/084930 (13) A1

(21) PCT/EP2004/003244

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03006948.8 26 Mar/mar 2003 EP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • USE OF SAPOSIN-RELATED PRO-
TEINS FOR PREVENTING AND
TREATING OBESITY, DIABETES
AND/OR METABOLIC SYNDROME

- UTILISATION DE PROTEINES AS-
SOCIEES A LA SAPOSINE POUR LA
PREVENTION ET LE TRAITEMENT
DE L'OBESITE, DU DIABETE ET/OU
DU SYNDROME METABOLIQUE

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

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

MC NL PL PT RO SE SI SK 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 38/19, A61P 37/06

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(25) en (26) en

(30) 03006552.8 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF CHEMOKINE RECEPTOR AGONISTS FOR STEM CELL TRANSPLANTATION

• UTILISATION D'AGONISTES DU RE-CEPTEUR DE LA CHIMIOKINE POUR LA TRANSPLANTATION DE CELLULES SOUCHES

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(72, 75) RICHTER, Rudolf [DE/DE]; Grüne Waldstrasse 7, 30177 Hannover (DE). HENSCHLER, Reinhard [DE/DE]; Borngartenstrasse 6, 63322 Rödermark (DE).

(74) MEYERS, Hans-Wilhelm et al. / etc.; P.O. Box 10 22 41, 50462 Cologne (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 38/19, 38/21, A61P 25/02

(11) WO 2004/084932 (13) A2

(21) PCT/EP2004/050372

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100833.7 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF CLUSTERIN FOR THE TREATMENT AND/OR PREVENTION OF PERIPHERAL NEUROLOGICAL DISEASES

• UTILISATION DE LA CLUSTERINE DANS LE TRAITEMENT ET/OU LA PREVENTION DES MALADIES NEUROLOGIQUES PERIPHERIQUES

(71) APPLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, Curacao (AN).

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(74) SERONO INTERNATIONAL S.A. INTELLECTUAL PROPERTY; 12, Chemin des Aulx, CH-1228 Plan-les-Ouates (CH).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 38/19, 38/43, C12Q 1/68, A61P 29/00

(11) WO 2004/084933 (13) A1

(21) PCT/FI2004/000158

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 20030467 28 Mar/mar 2003 FI (28.03.2003)

(30) 60/515,425 30 Oct/oct 2003 US (30.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELEVATION OF ADENOSINE LEVEL BY CYTOKINE-INDUCED EXPRESSION OF CD73

• ELEVATION DU NIVEAU D'ADENOSINE PAR L'EXPRESSION INDUITE PAR CYTOKINE DE CD73

(71) FARON PHARMACEUTICALS OY [FI/FI]; Itäinen Pitkätatu 4, FI-20520 Turku (FI).

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(72, 75) JALKANEN, Sirpa [FI/FI]; Rauvolantie 79, FI-20760 Piispanristi (FI).

(74) ÖHMAN, Ann-Marie; c/o Hormos Medical Corporation, Itäinen Pitkätatu 4 B, FI-20520 Turku (FI).

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

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

MC NL PL PT RO SE SI SK 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 38/27, 48/00, 31/711, 9/127, 9/50, 35/76, A61P 11/06

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(21) PCT/JP2004/004133

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-86268 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ASTHMA PREPARATION

• PREPARATION CONTRE L'ASTHME

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(72, 75) KANEHIRO, Arihiko [JP/JP]; 15-28-402, Yumino-cho, Okayama-shi, Okayama 700-0817 (JP). TANIMOTO, Mitsune [JP/JP]; 383-1, Tsuchida, Okayama-shi, Okayama 703-8217 (JP). ITO, Wataru [JP/JP]; 13-18, Gakunan-cho 3-chome, Okayama-shi, Okayama 700-0011 (JP). MATSUMOTO, Kunio [JP/JP]; 25-2-204, Onoharahigashi 6-chome, Mino-shi, Osaka 562-0031 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda Build. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 39/02

(11) WO 2004/084935 (13) A2

(21) PCT/GB2004/001264

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307089.3 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIVE VACCINE STRAIN

• SOUCHE DE VACCIN VIVANT

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; DSTL Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).
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(74) **GREAVES, Carol, Pauline** et al. / etc.; Greaves Brewster, Indigo House, Cheddar Business Park, Wedmore Road, Cheddar BS27 3EB (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 39/07**

(11) **WO 2004/084936** (13) A2

(21) PCT/US2004/003671

(22) **6 Feb/fév 2004 (06.02.2004)**

(25) en	(26) en	
(30) 60/446,051	6 Feb/fév 2003 (06.02.2003)	US
(30) 60/449,153	21 Feb/fév 2003 (21.02.2003)	US
(30) 60/490,089	24 Jul/juil 2003 (24.07.2003)	US
(30) 60/511,869	15 Oct/oct 2003 (15.10.2003)	US
(30) 60/541,515	2 Feb/fév 2004 (02.02.2004)	US

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MODIFIED FREE-LIVING MICROBES, VACCINE COMPOSITIONS AND METHODS OF USE THEREOF

• MICROBES MODIFIES VIVANT EN MILIEU NATUREL, COMPOSITIONS DE VACCINS, ET PROCÉDES D'UTILISATION CORRESPONDANTS

(71) **CERUS CORPORATION** [US/US]; 2411 Stanwell Drive, Concord, CA 94520 (US).
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(72, 75) **DUBENSKY, Thomas, W., Sr.** [US/US]; 15 King Avenue, Piedmont, CA 94611 (US). **BROCKSTEDT, Dirk, G.** [DE/US]; 864 York Street, Apartment 2, Oakland, CA 94610 (US). **BAHJAT, Keith** [US/US]; 5208 Clovis Court, Concord, CA 94521 (US). **HEARST, John, E.** [US/US];

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(74) **HAGER, Alicia, J. et al. / etc.**; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 39/12, 39/29, 39/39, 38/00, A61P 31/00**

(11) **WO 2004/084937** (13) A1

(21) PCT/EP2004/003029

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en	(26) en	
(30) 03450072.8	24 Mar/mar 2003 (24.03.2003)	EP

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF ALUM AND A TH1 IMMUNE RESPONSE INDUCING ADJUVANT FOR ENHANCING IMMUNE RESPONSES

• UTILISATION D'ALUN ET D'UN ADJUVANT INDUISANT UNE REPOSE IMMUNITAIRE DU TYPE GENERE PAR UNE TH1 POUR RENFORCER DES REPOSES IMMUNITAIRES

(71) **INTERCELL AG** [AT/AT]; Campus Vienna Biocenter 6, A-1030 Vienna (AT).
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(72, 75) **BUSCHLE, Michael** [DE/AT]; Goethesstrasse 2/2/9, A-2380 Perchtoldsdorf (AT). **LINGNAU, Karen** [DE/AT]; Gallgasse 8/10, A-1130 Vienna (AT).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 39/39, A61P 31/00, A61K 39/12, 39/29, 38/00**

(11) **WO 2004/084938** (13) A1

(21) PCT/EP2004/003002

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en	(26) en	
(30) 03450072.8	24 Mar/mar 2003 (24.03.2003)	EP
(30) 03450084.3	11 Apr/avr 2003 (11.04.2003)	EP
(30) 03450171.8	11 Jul/juil 2003 (11.07.2003)	EP

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED VACCINES
• VACCINS AMELIORES

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(72, 75) **BUSCHLE, Michael** [DE/AT]; Goethesstrasse 2/2/9, A-2380 Perchtoldsdorf (AT). **HABEL, André** [DE/AT]; Gerlgasse 16/23, A-1030 Vienna (AT). **FRITZ, Jörg** [AT/AT]; Mondscheingasse 6/17, A-1070 Vienna (AT). **PRINZ, Karin** [AT/AT]; Mühlhofstrasse 4/2/49, A-3502 Rehberg (AT). **LINGNAU, Karen** [DE/AT]; Gallgasse 8/10, A-1130 Vienna (AT).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 39/39, 39/12, C07K 14/16**

(11) **WO 2004/084939** (13) A2

(21) PCT/EP2004/003163

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en	(26) en	
(30) 60/457,348	26 Mar/mar 2003 (26.03.2003)	US

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIV-PEPTIDE-CARRIER-CONJUGATES
• CONJUGUES PORTEURS DE PEPTIDES DU VIH

(71) **CYTOS BIOTECHNOLOGY AG** [CH/CH]; Wägisstrasse 25, CH-8952 Schlieren (CH).

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(72, 75) BACHMANN, Martin, F. [CH/CH]; Goldackerweg 8, CH-8472 Seuzach (CH). HUBER, Adrian [CH/CH]; Eschergutweg 5, CH-8049 Zurich (CH). MANOLOVA, Vania [BG/CH]; Pestalozzistrasse 41, CH-8032 Zurich (CH). MEIJERINK, Edwin [NL/CH]; Rebbbergstrasse 50, CH-8049 Zurich (CH). PROBA, Karl, G. [DE/CH]; Tramstrasse 95, CH-8050 Zurich (CH). TIS-SOT, Alain [CH/CH]; Segantinstr. 35, CH-8049 Zurich (CH).

(74) WICHMANN, Hendrik; Isenbruck Bösl Hörschler Wichmann Huhn, Prinzregentenstr. 68, 81675 München (DE).

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

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 39/39, C07H 21/00

(11) WO 2004/084940 (13) A1

(21) PCT/EP2004/003165

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,348 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PACKAGING OF IMMUNOSTIMULATORY OLIGONUCLEOTIDES INTO VIRUS-LIKE PARTICLES: METHOD OF PREPARATION AND USE

• ENCAPSULATION D'OLIGONUCLEOTIDES IMMUNOSTIMULATEURS DANS DES PARTICULES PSEUDOVIRALES, PROCEDES DE PREPARATION ET UTILISATIONS

(71) CYTOS BIOTECHNOLOGY AG [CH/CH]; Wagistrasse 25, CH-8952 Schlieren (CH).

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(72, 75) BACHMANN, Martin, F. [CH/CH]; Goldackerweg 8, CH-8472 Seuzach (CH). CORNELIUS, Andreas [DE/CH]; Gut Katzenssee 31, CH-8105 Regensdorf (CH). MANOLOVA, Vania [BG/CH]; Pestalozzistrasse 41, CH-8032 Zurich (CH). MAURER, Patrik [DE/CH]; Rychenbergstrasse 38, CH-8400 Winterthur (CH). MEIJERINK, Edwin [NL/CH]; Rebbbergstrasse 50, CH-8049 Zurich (CH). PROBA, Karl, G. [DE/CH]; Tramstrasse 95, CH-8050 Zurich (CH). SCHWARZ, Katrin [DE/CH]; Alter Zürichweg 31, CH-8952 Schlieren (CH).

(74) WICHMANN, Hendrik; Isenbruck Bösl Hörschler Wichmann Huhn, Prinzregentenstr. 68, 81675 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 A61K 39/39, 39/00

(11) WO 2004/084941 (13) A1

(21) PCT/SE2004/000451

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0300795-2 24 Mar/mar 2003 SE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITION COMPRISING ISCOM PARTICLES AND LIVE MICRO-ORGANISMS

• COMPOSITION RENFERMANT DES PARTICULES ISCOM ET MICRO-ORGANISMES VIVANTS

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(72, 75) MOREIN, Bror [SE/SE]; Ollonstigen 3, Vreta, S-755 91 Uppsala (SE). LÖVGREN BENGTTSSON, Karin [SE/SE]; Höjdvägen 30 A, S-756 53 Uppsala (SE).

(74) ALBIHNS STOCKHOLM AB; Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).

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

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

(51)⁷ A61K 39/395, A61P 37/08, G01N 33/53, C07K 14/705, A61K 31/7088, C12N 15/63, A61K 39/35, 38/18, C07K 19/00

(11) WO 2004/084942 (13) A2

(21) PCT/NL2004/000204

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03075908.8 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND MEANS TO SUPPRESS SYMPTOMS OF AN ALLERGIC DISEASE

• PROCEDES ET MOYENS POUR SUPPRIMER LES SYMPTOMES D'UNE ALLERGIE

(71) UNIVERSITEIT UTRECHT HOLDING B.V. [NL/NL]; Jenalaan 18a, NL-3584 CK Utrecht (NL).

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

(72, 75) VAN OOSTERHOUT, Antonius, Josephus, Maria [NL/NL]; T. Masrijkstraat 35, NL-3573 PJ Utrecht (NL). LOBATO-VAN ESCH, Elisabeth, Catharina, Adriana, Maria [NL/NL]; Olof Palmelaan 18, NL-3527 WH Utrecht (NL). VISSERS, Joost, Lambert, Max [NL/NL]; Drostpad 12, NL-6525 XE Nijmegen (NL).

(74) WINCKELS, J., H., F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

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

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

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

(51)⁷ **A61K 39/395, 38/17, 38/22, A61P 29/00, C07K 16/26, 16/28, G01N 33/68**

(11) **WO 2004/084943** (13) A1

(21) PCT/US2004/008385

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,090 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF ANTAGONISTS OF GHRELIN OR GHRELIN RECEPTOR TO TREAT INTESTINAL INFLAMMATION

• UTILISATION D'ANTAGONISTES DE LA GHRELIN OU DU RECEPTEUR DE LA GHRELIN POUR TRAITER L'INFLAMMATION INTESTINALE

(71) **BETH ISRAEL DEACONESS MEDICAL CENTE, INC** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

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

(72, 75) **POTHOULAKIS, Charalabos** [US/US]; 22 Allen Avenue, Waban, MA 02468 (US). **MANTZOROS, Christos, S.** [GR/US]; 50 Godard Avenue, Brookline, MA 02445 (US). **ZHAO, Dezheng** [US/US]; 97 North Street, Newton, MA 02460 (US).

(74) **HOGLE, Doreen, M.**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 45/00, 31/661, A61P 3/10**

(11) **WO 2004/084944** (13) A1

(21) PCT/JP2004/003994

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-082252 **25 Mar/mar 2003 JP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL BLOOD SUGAR REGULATING AGENT AND METHOD OF SCREENING THE SAME

• NOUVEL AGENT DE REGULATION DE LA GLYCEMIE ET METHODE DE CRIBLAGE DE CE DERNIER

(71) **SUMITOMO PHARMACEUTICALS CO., LTD.** [JP/JP]; 2-8, Doshomachi

2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP).

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

(72, 75) **SUGARU, Eiji** [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP).

(74) **ISOBE, Yutaka**; c/o Intellectual Property Department, Sumitomo Pharmaceuticals Co., Ltd., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP).

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

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

(51)⁷ **A61K 45/00, 31/7088, 39/395, 48/00, A61P 3/04, 5/00, G01N 33/15, 33/50 // C12N 15/12, C07K 14/705, 16/28, G01N 33/68**

(11) **WO 2004/084945** (13) A1

(21) PCT/JP2004/004186

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-086816 **27 Mar/mar 2003 JP (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EATING CONTROLLERS

• SUBSTANCES PERMETTANT DE REGULER LES HABITUDES ALIMENTAIRES

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410045 (JP).

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

(72, 75) **OHTAKI, Tetsuya** [JP/JP]; 14-32, Azuma 3-chome, Tsukuba-shi, Ibaraki 3050031 (JP). **KUMANO, Satoshi** [JP/JP]; 12-1-504, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 3050035 (JP).

(74) **TAKAHASHI, Shuichi** et al. / etc.; c/o Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 5320024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/32, 9/70, 47/14**

(11) **WO 2004/084946** (13) A1

(21) PCT/JP2004/004370

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-127576 **27 Mar/mar 2003 JP (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRESSURE-SENSITIVE ADHESIVE FOR PERCUTANEOUS ABSORPTION, PRESSURE-SENSITIVE ADHESIVE COMPOSITION FOR PERCUTANEOUS ABSORPTION, AND MEDICINAL PREPARATION FOR PERCUTANEOUS ABSORPTION

• ADHESIF AUTO-COLLANT DESTINE A UNE ABSORPTION PERCUTANEE, COMPOSITION ADHESIVE AUTO-COLLANTE DESTINEE A UNE ABSORPTION PERCUTANEE ET PREPARATION MEDICINALE DESTINEE A UNE ABSORPTION PERCUTANEE

(71) **COSMED. CO., LTD.** [JP/JP]; Rale Yamashina Skyheiz 210, 10, Nagatsujinakaza-cho, Yamashina-ku, Kyoto-shi, Kyoto 607-8161 (JP).

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(72, 75) **KOHARA, Minoru** [JP/JP]; 2-30, Saihouji, Enmyoji, Oyamazaki-cho, Otokuni-gun, Kyoto 618-0091 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/46**

(11) **WO 2004/084947** (13) A1

(21) PCT/GB2004/001072

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) en (26) en

(30) 0306933.3 **26 Mar/mar 2003 GB (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHARMACEUTICAL COMPOSITION COMPRISING FUNGAL CELL OR FRAGMENT THEREOF

• COMPOSITION PHARMACEUTIQUE COMPORTANT UNE CELLULE FONGIQUE OU UN FRAGMENT CORRESPONDANT

(71) **MICAP PLC** [GB/GB]; Ashton House, N0.1 The Parks, Lodge Lane, Newton-le-Willows WA12 0JQ (GB).

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

(72, 75) CROTHERS, Michael [GB/GB]; Flat 13, 139, Lapwing Lane, Didsbury, Manchester M20 6US (GB). DUCKHAM, Stephen, Craig [GB/GB]; 29 Highmarsh Crescent, Newton-Le-Willows, Merseyside WA12 9WE (GB). NELSON, Gordon [GB/GB]; 7 Stonyford Road, Sale, Cheshire M33 2FJ (GB).

(74) W.P. THOMPSON & CO; Coopers Building, Church Street, Liverpool L1 3AB (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 2004/084948 (13) A1

(21) PCT/KR2004/000701

(22) 27 Mar/mar 2004 (27.03.2004)

(25) ko (26) en

(30) 10-2003-0019734 28 Mar/mar 2003 KR (28.03.2003)

(30) 10-2004-0007983 6 Feb/fév 2004 KR (06.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BIOLOGICALLY ACTIVE MATERIAL CONJUGATED WITH BIOCOMPATIBLE POLYMER WITH 1:1 COMPLEX, PREPARATION METHOD THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

• MATERIAU BIOLOGIQUEMENT ACTIF CONJUGUE AVEC UN POLYMERE BIOCOMPATIBLE AVEC UN COMPLEXE 1:1, TECHNIQUE DE PREPARATION DE CELUI-CI ET COMPOSITION PHARMACEUTIQUE COMPRENANT CELUI-CI

(71) BIOPOLYMED INC. [KR/KR]; 711, Korea TechnoComplex, 126-16, 5-ga, Anam-dong, Sungbuk-gu, Seoul 136-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Myung-Ok [KR/KR]; #107-1403 Hakyulchunggu Apt., Hagye-dong, Nowon-gu, Seoul 139-230 (KR).

(74) SON, Min; 19th Floor, City Air Tower, 159-9 Samsung-dong, Kangnam-gu, Seoul 135-973 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/084949 (13) A2

(21) PCT/US2004/008425

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,094 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GENERATING PROTEIN PRO-DRUGS USING REVERSIBLE PPG LINKAGES

• PRODUCTION DE PROMEDICAMENTS A BASE DE PROTEINES AU MOYEN DE LIAISONS PPG REVERSIBLES

(71) XENCOR [US/US]; 111 West Lemon Avenue, Monrovia, CA 91016 (US).

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

(72, 75) MARSHALL, Shannon, A. [US/US]; 825 Lincoln Way, #106, San Francisco, CA 94122 (US).

(74) SILVA, Robin, M. et al. / etc.; 4 Embarcadero Center, Suite 3400, San Francisco, California 94111 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/084950 (13) A2

(21) PCT/US2004/008763

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en

(26) en

(30) 60/457,151 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CELL TARGETING METHODS AND COMPOSITIONS

• PROCEDES ET COMPOSITIONS DE CIBLAGE CELLULAIRE

(71) CASE WESTERN RESERVE UNIVERSITY [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106-7219 (US).

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

(72, 75) CAPLAN, Arnold, I. [US/US]; 1300 Oakridge Drive, Cleveland Heights, OH 44121 (US). DENNIS, James, E. [US/US]; 1593 Maple Road, Cleveland Heights, OH 44121 (US).

(74) GUO, Z., Angela et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 48/00

(11) WO 2004/084951 (13) A2

(21) PCT/EP2004/004020

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,531 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND VECTORS FOR SELECTIVELY TRANSDUCING RETINAL PIGMENT EPITHELIUM CELLS

• PROCEDE ET VECTEURS PERMETTANT UNE TRANSDUCTION SELECTIVE DE CELLULES D'EPITHELIUM PIGMENTAIRE RETINIEN

(71) UNIVERSITE DE NANTES [FR/FR]; Présidence de l'Université, 1, quai de Tourville, B.P. 13622, F-44035 Nantes Cedex 01 (FR).

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

(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).

(74) ERNEST GUTMANN-YVES PLASSER-AUD S.A.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 49/00
- (11) WO 2004/084952 (13) A1
- (21) PCT/IB2004/000815
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 03290797.4 28 Mar/mar 2003 EP (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • IN VIVO METHOD FOR DETECTING DOPAMINE D3 RECEPTORS LIGANDS.
- METHODE DE DETECTION IN VIVO DE LIGANDS DES RECEPTEURS DOPAMINERGIQUES D3.
- (71) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) [FR/FR]; 101, rue de Tolbiac, F-75013 PARIS (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOKOLOFF, Pierre [FR/FR]; 35, rue Coquelin, F-95130 Le Plessis-Bouchard (FR). LERICHE, Ludovic [FR/FR]; 60, rue du Rendez-vous, F-75012 PARIS (FR).
- (74) BERNASCONI, Jean et al. / etc.; Cabinet Lavoix, 2, Place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 A61K 51/10, 49/00, G01N 33/566
- (11) WO 2004/084953 (13) A1
- (21) PCT/EP2003/013878
- (22) 8 Dec/déc 2003 (08.12.2003)
- (25) en (26) en
- (30) 03006592.4 24 Mar/mar 2003 EP (24.03.2003)
- (30) 60/457,999 28 Mar/mar 2003 US (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • MODULATORS OF THE MEGALIN-MEDIATED UPTAKE OF RADIOTHERAPEUTICS AND/OR RADIO-DIAGNOSTICS INTO KIDNEY CELLS AND THEIR USE IN THERAPY AND DIAGNOSTICS
- MODULATEURS DU RECAPTAGE A MEDIATION ASSUREE PAR LA MEGALINE DE SUBSTANCES DE RADIOTHERAPIE ET/OU RADIO-DIAGNOSTIC DANS DES CELLULES DU REIN AINSI QUE LEUR UTILISATION EN THERAPIE ET DANS DES DIAGNOSTICS
- (71) SCHERING AG [DE/DE]; Müllerstrasse 170-178, 13342 Berlin (DE).
- (72) BRÄUTIGAM, Matthias; Droysenstrasse 8, 10629 Berlin (DE). BORKOWSKI, Sandra; Erasmusstrasse 17, 10553 Berlin (DE).
- (74) KRAUSS, Jan, B. 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/084954 (13) A2
- (21) PCT/US2004/006991
- (22) 5 Mar/mar 2004 (05.03.2004)
- (25) en (26) en
- (30) 60/456,106 20 Mar/mar 2003 US (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CONTAINER WITH AIR FRESHENER
- RÉCIPIENT ÉQUIPÉ D'UN DIFFUSEUR DE DÉSODORISANT
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KINSCHERF, Kevin, M. [US/US]; 719-2 Zlotkin Circle, Freehold, NJ 07728 (US). THOMAS, Barbara [US/US]; 16 Evergreen Circle, Princeton, NJ 08540 (US). DEL'RE, Salvatore [US/US]; 11 Julian Way, Marlboro, NJ 07746 (US).
- (74) MC GREAL, Michael, J.; Colgate-Palmolive Company, 909 River Road, Piscataway, NJ 08855 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 2/23, 27/02, 27/28, 27/30, 24/00, 31/12, 31/16, A61F 2/00
- (11) WO 2004/084955 (13) A1
- (21) PCT/US2004/008467
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/393,121 20 Mar/mar 2003 US (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ANTI-MICROBIAL PROTECTION FOR IMPLANTABLE MEDICAL DEVICE
- DISPOSITIF MEDICAL SOUS-CUTANE IMPLANTABLE
- (71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIES, Richard, D.; 6220 Kelvin Avenue North, Stillwater, MN 55082 (US). COBIAN, Kenneth, E. [US/US]; 3300 Townview Avenue Northeast, St. Anthony, MN 55418 (US).
- (74) WOLDE-MICHAEL, Girma et al. / etc.; MC LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR

GB GR HU IE IT LU MC NL PL PT 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 2/28, C12Q 1/22, G01N 31/22

(11) WO 2004/084956 (13) A1

(21) PCT/EP2004/003198

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 03007122.9 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TESTING BODY, PARTICULARLY FOR VERIFYING THE PENETRATION PROPERTIES OF A STERILIZING AGENT IN STERILIZATION PROCESSES

• CORPS D'ESSAI, NOTAMMENT POUR VERIFIER LES PROPRIETES DE PENETRATION D'UN AGENT DE STERILISATION DANS DES PROCESSUS DE STERILISATION

(71, 72) KAISER, Ulrich [DE/DE]; Feldstrasse 14, 61479 Glashütten (DE).

(74) WALKENHORST, Andreas; Tergau & Pohl, Eschersheimer Landstrasse 26, 60322 Frankfurt (DE).

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

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

Published / Publiée : (c)

(51)⁷ A61L 9/12, 9/04, B60H 3/00

(11) WO 2004/084957 (13) A1

(21) PCT/IB2004/000914

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/04055 27 Mar/mar 2003 FR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPENSER FOR DISPENSING AN ANTI-BACTERIAL AND/OR DEODORISING AND/OR SCENTED MATERIAL IN A RECEPTACLE SUCH AS A BAG, AND RECEPTACLE COMPRISING SAID DISPENSER

• DIFFUSEUR DE PRODUIT ANTI-BACTERIEN ET/OU ANTI-ODEURS ET/OU PARFUMANT POUR TOUT TYPE DE CONTENANT TEL QU'UN SAC ET CONTENANT COMPORTANT LEDIT DIFFUSEUR

(71, 72) PHAM, René [FR/FR]; 4, rue des Vallons, F-68100 Mulhouse (FR).

(74) NITHARDT, Roland; Cabinet Nithardt & Associés S.A., Boîte postale 1445, F-68071 Mulhouse Cedex (FR).

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

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

Published / Publiée : (c)

(51)⁷ A61L 9/12, 9/04

(11) WO 2004/084958 (13) A1

(21) PCT/US2004/008436

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,623 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR DISPENSING A VOLATILE LIQUID USING A WICK IN AN AMBIENT AIR STREAM

• DISPOSITIF PERMETTANT DE DISTRIBUER UN LIQUIDE VOLATILE A L'AIDE D'UNE MECHE DANS UN COURANT D'AIR AMBIANT

(71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOTARY, Kara, L. [US/US]; 3611 Mercury Lane, Racine, WI 53404 (US).
VARANASI, Padma, P. [US/US]; 2 Cherrywood Court, Racine, WI 53402 (US).

(74) MILLER, Robert, A.; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, WI 53403 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 9/12

(11) WO 2004/084959 (13) A1

(21) PCT/US2004/008437

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,621 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR DISPENSING VOLATILE LIQUIDS AND CORRESPONDING CONTAINER

• DISPOSITIF PERMETTANT DE DISTRIBUER DES LIQUIDES VOLATILES ET CONTENANT CORRESPONDANT

(71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUSTON, Tyler, D. [US/US]; 840A Forest Avenue, Evanston, IL 60202 (US).
GOHIL, Kishen [GB/GB]; 21 Consfield Avenue, New Malden, Surrey KT3 6HB (GB).
BROWN, Colin, W. [GB/GB]; 5 Clandon Avenue, Egham, Surrey TW20 8LP (GB).
NAISH, Guy [GB/GB]; 123 Coopers Green, Bicester, Oxfordshire OX26 4US (GB).
KOTARY, Kara, L. [US/US]; 3611 Mercury Lane, Racine, WI 53404 (US).
HORNBER, Marygrace, G. [US/US]; 730 Appaloosa Trail, Racine, WI 53402 (US).
ADAMS, Mary Beth [US/US]; 1933 Beechwood Lane, Gurnee, IL 60031 (US).
SCHWARZ, Ralph [DE/US]; 1135 Lake Avenue, Racine, WI 53403 (US).
VARANASI, Padma, P. [US/US]; 2 Cherrywood Court, Racine, WI 53402 (US).
WEEKS, Ann, E. [US/US]; 5404 Wakefield Avenue, Racine, WI 53406 (US).

(74) MILLER, Robert, A.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 12/14, C11D 3/00, 1/72, 1/38, 3/37

(11) WO 2004/084960 (13) A1

(21) PCT/US2004/008237

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/392,743 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND COMPOSITION FOR REDUCING CONTACT LENS SWELLING

• PROCEDE ET COMPOSITION PERMETTANT DE REDUIRE LE GONFLEMENT DES LENTILLES DE CONTACT

(71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Square, Rochester, NY 14604-2701 (US).

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

(72, 75) HU, Zhenze [US/US]; 28 Wenham Lane, Pittsford, NY 14534 (US). SALAMONE, Joseph, C. [US/US]; 8 Woodcliff Terrace, Fairport, NY 14450 (US). JANI, Dharmendra [US/US]; 44 Chardonnay Drive, Airport, NY 14450 (US).

(74) VACCA, Rita, D. et al. / etc.; Bausch & Lomb, Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ A61L 15/28, 15/44, 15/60

(11) WO 2004/084961 (13) A1

(21) PCT/DK2004/000204

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) PA 2003 00477 28 Mar/mar 2003 DK (28.03.2003)

(30) PA 2003 01063 11 Jul/juil 2003 DK (11.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A WOUND DRESSING

• PANSEMENT

(71) COLOPLAST A/S [DK/DK]; Høltedam 1, DK-3050 Humlebæk (DK).

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

(72, 75) NIELSEN, Brian [DK/DK]; Granstien 5, DK-3330 Goerløse (DK). SEVERIN, Maria [DK/DK]; Kovangen 322, DK-3480 Fredensborg (DK).

(74) COLOPLAST A/S; Att.: Patent Department, Mette Winther Soerensen, Høltedam 1, DK-3050 Humlebæk (DK).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/60, 15/42, C08F 4/40

(11) WO 2004/084962 (13) A1

(21) PCT/EP2004/002874

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,841 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COLOR-STABLE SUPERABSORBENT POLYMER COMPOSITION

• COMPOSITION POLYMERES DE SUPERABSORBANT A STABILITE DE COULEUR

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) HERFERT, Norbert [DE/US]; 3204 Trefoil Drive, Charlotte, NC 28226-7200 (US). AZAD, Michael, M. [US/US]; 6848 Braddock Ln., Charlotte, NC 28277 (US). CARRICO, Peter, W. [US/US]; 2274 Riverview Road, West Point, MS 39773 (US). WOODRUM, Guy, T. [US/US]; 5300 Doral Woods Court, Suffolk, VA 23435 (US). MITCHELL, Michael, A. [US/US]; 8805 Sweetwater Pl., Waxhaw, NC 28173 (US). KIKAMA, Ma-Ikay [CD/US]; 7709 Waterford Square Drive, Charlotte, NC 28226 (US).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

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

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

Published / Publiée : (c)

(51)⁷ A61L 24/04, C09J 4/00

(11) WO 2004/084963 (13) A1

(21) PCT/GB2004/001400

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0306761.8 25 Mar/mar 2003 GB (25.03.2003)

(30) 0306763.4 25 Mar/mar 2003 GB (25.03.2003)

(30) 0306759.2 25 Mar/mar 2003 GB (25.03.2003)

(30) 0306757.6 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POROUS MEDICAL ADHESIVE COMPRISING CYANONACRYLATE

• ADHESIF MEDICAL POREUX COM-
PORTANT DU CYANONACRYLATE

(71) SMITH & NEPHEW, PLC [GB/GB]; 15 Adam Street, London WC2N 6LA (GB).

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

(72, 75) ANSELL, Christopher [GB/GB]; 1 Stonefield Terrace, York, North Yorkshire YO10 3EA (GB). ATKIN, Neil, Joseph [GB/GB]; 15 Lansdowne Terrace, York YO10 3EA (GB). MORSLEY, David, Robert [GB/GB]; 7 Barbican Mews, York, North Yorkshire YO10 5BZ (GB).

(74) HOBBS, John; Group Patents & Trade Marks Department, Smith & Nephew Research Centre, York Science Park, Heslington, York YO10 5DF (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/00, 47/02, 47/32, 47/36, 47/42

(11) WO 2004/084964 (13) A1

(21) PCT/JP2004/002599

(22) 3 Mar/mar 2004 (03.03.2004)

(25) ja (26) ja

(30) 2003-056095 3 Mar/mar 2003 JP (03.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POROUS CALCIUM PHOSPHATE HIGH MOLECULAR WEIGHT HYDROGEL COMPOSITE HAVING THROUGH HOLE, METHOD FOR PREPARING THE SAME, ARTIFICIAL BONE OR SUSTAINED RELEASE MATERIAL FOR DRUG USING THE SAME

• COMPOSITE SOUS FORME D'HYDROGEL A POIDS MOLECULAIRE ELEVE AU PHOSPHATE DE CALCIUM POREUX COMPORTANT UN TROU TRAVERSANT, PROCEDE DE PREPARATION DE CE DERNIER, OS ARTIFICIEL OU MATIERE A LIBERATION PROLONGEE DESTINEE A UN MEDICAMENT CONTENANT LE COMPOSITE

(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)

(72, 75) ITO, Atsuo [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). ASAKA, Noriko [JP/JP]; c/o National Institute of Advanced

- Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). SAKURAI, Tokoha [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). UCHIDA, Masaki [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP). TATEISHI, Tetsuya [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8566 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/34 (13) A2
- (11) WO 2004/084965 (21) PCT/EP2004/003238
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03007141.9 28 Mar/mar 2003 EP (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • IMPROVED OSTEOINDUCTIVE MATERIALS
• MATERIAUX OSTEOINDUCTEURS AMELIORES
- (71) BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MBH [DE/DE]; Czernyring 22, 69115 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POHL, Jens [DE/DE]; Bastwald 25, 76707 Hambrücken (DE). BECHTOLD, Rolf [DE/DE]; Carl-Zuckmayer-Strasse 21, 69126 Heidelberg (DE). KRUSE, Michael [DE/DE]; Im Brühl 3, 55130 Mainz (DE).
- (74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/34, C08G 79/02, A61C 8/00, A61K 6/00 (13) A1
- (11) WO 2004/084966 (21) PCT/EP2004/003262
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/457,694 26 Mar/mar 2003 US (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COATED DENTAL IMPLANTS
• IMPLANTS DENTAIRE TRAITES
- (71) POLYZENIX GMBH [DE/DE]; Söflinger Strasse 100, 89077 Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DENK, Roman [DE/DE]; Buchenweg 21, 89197 Weidenstetten (DE).
- (74) PERREY, Ralf; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/44, 27/38, C12N 5/06 // C12M 3/00 (13) A1
- (11) WO 2004/084967 (21) PCT/JP2004/003996
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-081875 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BLOOD VESSEL-SPECIFIC ORGANOGENESIS FROM EMBRYONIC STEM CELLS ON THREE-DIMENSIONAL MATRIGEL LAYER
• ORGANOGENESE SPECIFIQUE DES VAISSEAUX SANGUINS A PARTIR DE CELLULES SOUCHES SUR UNE COUCHE DE MATRIGEL TRIDIMENSIONNELLE
- (71) ANGES MG, INC. [JP/JP]; 1-4-2, Shin-senri-Higashimachi, Toyonaka-shi, Osaka 5600082 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) HAYASHI, Shinichiro [JP/JP]; 2-3-55, Kiyosu, Kashiwara-shi, Osaka 5820006 (JP).
- (74) FURUYA, Satoshi et al. / etc.; Hamacho-Hanacho Building, 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 1030007 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/56, 27/54, 27/36 (13) A1
- (11) WO 2004/084968 (21) PCT/GB2004/001419
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 0307011.7 27 Mar/mar 2003 GB (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • POROUS MATRIX
• MATRICE POREUSE
- (71) REGENTEC LTD [GB/GB]; BioCity Nottingham, Pennyfoot Street, Nottingham NG1 1GF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHAKESHEFF, Kevin, Morris [GB/GB]; RegenTec Ltd, BioCity Nottingham, Pennyfoot Street, Nottingham NG1 1GF (GB). FRANCE, Richard, Melville [GB/GB]; RegenTec Ltd, BioCity Nottingham, Pennyfoot Street, Nottingham NG1 1GF (GB). QUIRK, Robin, Andrew [GB/GB]; RegenTec Ltd, BioCity Nottingham, Pennyfoot Street, Nottingham NG1 1GF (GB).
- (74) HEATON, Joanne, Marie; 1 St Augustine's Place, Bristol BS1 4UD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 A61M (13) A2
- (11) WO 2004/084969 (21) PCT/US2004/004997
- (22) 20 Feb/fév 2004 (20.02.2004)
- (25) en (26) en
- (30) 10/376,886 28 Feb/fév 2003 US (28.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NEEDLESS LUER ACTIVATED MEDICAL CONNECTOR

- CONNECTEUR MEDICAL LUER ACTIF SANS AIGUILLE

(71) CREATIVE PLASTIC TECHNOLOGY, LLC [US/US]; 1453 N. Tulare Way, Upland, CA 91787 (US).

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

(72, 75) BONALDO, Jean, M. [US/US]; 1453 N. Tulare Way, Upland, CA 91786 (US).

(74) ROTH, W., Norman; Roth & Goldman, P.A., 523 West Sixth Street, Suite 707, Los Angeles, CA 90014-1223 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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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(51)⁷ A61M

(11) WO 2004/084970 (13) A2

(21) PCT/US2004/005267

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 10/375,963 28 Feb/fév 2003 US (28.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HUBER NEEDLE WITH ANTI-REBOUND SAFETY MECHANISM

- AIGUILLE DE HUBER AVEC MECANISME DE SECURITE ANTI-REBOND

(71) MEDICAL PRODUCT SPECIALISTS, INC. DBA MPS ACACIA [US/US]; 785 Challenger Street, Brea, California 92821 (US).

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

(72, 75) FLEURY, Michael, T. [US/US]; 2390 Schultz Street, #7, Portage, Wisconsin 53901 (US). FERGUSON, Fergie, F. [US/US]; 419 Redtail Drive, Brea, California 92823 (US). HYUN, Dongchul, D. [US/US]; 1594 Cedarcrest, Brea, California 92821 (US).

(74) STETINA BRUNDA GARRED & BRUCKER; 75 Enterprise, Suite 250, Aliso Viejo, California 92656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/084971 (13) A2

(21) PCT/US2004/007098

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/392,519 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTENT-CODED MEDICAL SYRINGE, SYRINGE SET AND SYRINGE CONTENT IDENTIFICATION METHOD

- SERINGUE MEDICALE A CONTENU CODE, ENSEMBLE DE SERINGUES ET PROCEDURE D'IDENTIFICATION DE CONTENU DE SERINGUE

(71) CONCEPTUAL TECHNOLOGIES, INC. [US/US]; 7 Bridgewater Court, Lancaster, NY 14086 (US).

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

(72, 75) FRENETTE, Claude, E. [US/US]; 4445 S. Transit Road, Orchard Park, NY 14127 (US). LEVY, Maureen [US/US]; 106 Covington Cove SE, Winterhaven, FL 33880 (US). STASKIEWICZ, Mitchell, L. [US/US]; 7 Bridgewater Court, Lancaster, NY 14086 (US).

(74) DUFT, Walter, W.; Law Offices of Walter W. Duft, 10255 Main Street, Suite 10, Clarence, NY 14031 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084972 (13) A2

(21) PCT/US2004/008452

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,209 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BLOOD CIRCUIT WITH LEAK-SAFE FEATURES

- CIRCUIT SANGUIN A CARACTERISTIQUES D'ETANCHEITE

(71) NXSTAGE MEDICAL, INC. [US/US]; 439 South Union Street, Fifth Floor, Lawrence, MA 01843 (US).

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

(72) BURBANK, Jeffrey; 18 Sunrise Road, Boxford, MA 01921 (US). BRUGGER, James; 4 Savory Street, Newburyport, MA 01950 (US).

(74) CATAN, Mark, A. et al. / etc.; Proskauer Rose LLP, 1585 Broadway, New York, NY 10036-8299 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/084973 (13) A2

(21) PCT/US2004/009009

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,054 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INVISIBLE ANTIMICROBIAL GLOVE AND HAND ANTISEPTIC

- GANT ANTIMICROBIEN INVISIBLE ET ANTISEPTIQUE POUR LES MAINS

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

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

(72, 75) HOANG, Minh Quang [US/US]; 7954 English Oaks Cover, Sandy, UT 84093 (US). HUNT, Donald Edward [US/US]; 2402 West 90 South, Provo, UT 84601 (US).

(74) BALDAUF, Kent E., Jr. et al. / etc.; Webb Ziesenheim Logsdon, Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

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

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

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ A61M 1/36
- (11) WO 2004/084974 (13) A1
- (21) PCT/JP2004/003835
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) ja (26) ja
- (30) 2003-081092 24 Mar/mar 2003 JP
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BLOOD FILTER DEVICE AND
METHOD OF PRODUCING THE SAME
• DISPOSITIF DE FILTRAGE DE SANG
ET PROCEDE DE REALISATION
- (71) JMS CO. LTD. [JP/JP]; 12-17, Kako-
machi, Naka-ku, Hiroshima-shi, Hiroshima,
7308652 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KAWARABATA, Shigeki, KATSUNO,
Yutaka, NAKAO, Shota,
- (74) IKEUCHI SATO & PARTNER PATENT
ATTORNEYS; 26th Floor, OAP TOWER,
8-30, Tenmabashi 1-chome, Kita-ku, Osaka-
shi, Osaka, 5306026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/00
- (11) WO 2004/084975 (13) A2
- (21) PCT/FR2004/000658
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) fr (26) fr
- (30) 03/03497 21 Mar/mar 2003 FR
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NEEDLELESS INJECTION DEVICE
COMPRISING A PYROTECHNIC CAR-
TRIDGE AND METHOD OF ASSEM-
BLING ONE SUCH DEVICE
• DISPOSITIF D'INJECTION SANS
AIGUILLE A CARTOUCHE PYRO-
TECHNIQUE ET PROCEDE D'ASSEM-
BLAGE D'UN TEL DISPOSITIF
- (71) CROSSJECT [FR/FR]; 12, quai Henri IV,
F-75004 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) ALEXANDRE, Patrick [FR/FR]; 14,
avenue de la Libération, F-70100 Gray (FR).
BAUD, Georges [FR/FR]; 18, rue des Ormes,
F-83260 La Crau (FR). BROUQUIERES,
Bernard [FR/FR]; 4, rue Sandin, F-83100
Toulon (FR). GAUTIER, Philippe [FR/FR];

- 8, rue des Glycines, F-91220 Le Plessis Pate
(FR).
- (74) SNPE; Service Propriété Industrielle, 12,
quai Henri IV, F-75181 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 A61M 5/20, 5/178
- (11) WO 2004/084976 (13) A1
- (21) PCT/KR2004/000662
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ko (26) en
- (30) 10-2003-0019117 27 Mar/mar 2003 KR
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • INSULIN PUMP
• POMPE A INSULINE
- (71) ENTER TECH CO., LTD [KR/KR]; 401-5
Bunji, Hwagok-dong, Gangseo-gu., Seoul
157-887 (KR). LEE, Kyung-Ho [KR/KR];
#302-1305, Mok Dong Sinsigaji Apt., 903,
Mok-dong, Yangcheon-gu., Seoul 158-050
(KR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) JAN, Kil-Wan [KR/KR]; #102-903,
Hanggang SSangyong Apt 150, Bon-dong,
Dongjak-gu, Seoul 156-812 (KR).
NAM, Young-Taeg [KR/KR]; #402,
Dong Yang Billa Gadong, 135-7,
Ohjeong-dong, Ohjeong-gu, Bucheon
City., Kyunggi-do 421-814 (KR). MOON,
Chi-Hwan [KR/KR]; 912-5, Jakjeon-dong,
Gyeong-gu., Incheon Metropolitan City
407-825 (KR).
- (74) KIM, Young-Chul; 5F Nam Chang Bldg,
748-16 yocksam-dong, Kangnam-gu, Seoul
135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 5/30
- (11) WO 2004/084977 (13) A1
- (21) PCT/FR2004/000659
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) fr (26) fr
- (30) 03/03496 21 Mar/mar 2003 FR
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NEEDLELESS INJECTION DEVICE
COMPRISING MEANS FOR REGU-
LATING THE GAS PRESSURE LEVEL
IN THE COMBUSTION CHAMBER
• DISPOSITIF D'INJECTION SANS AI-
GUILLE A MOYENS DE REGULATION
DU NIVEAU DE LA PRESSION DES
GAZ DANS LA CHAMBRE DE COM-
BUSTION
- (71) CROSSJECT [FR/FR]; 12, quai Henri IV,
F-75004 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) ALEXANDRE, Patrick [FR/FR]; 14,
avenue de la Libération, F-70100 Gray (FR).
BROUQUIERES, Bernard [FR/FR]; 4, rue
Sandin, F-83100 Toulon (FR). DESAILLY,
David [FR/FR]; 6, avenue du Maréchal Li-
autey, F-91710 Vert Le Petit (FR).
- (74) SNPE; Service Propriété Industrielle, 12,
quai Henri IV, F-75004 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 5/50, 5/32
- (11) WO 2004/084978 (13) A1
- (21) PCT/AU2003/000346
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • IMPROVED SYRINGE WITH RE-
TRACTABLE NEEDLE
• SERINGUE AMELIOREE A AIGUILLE
RETRACTABLE
- (71, 72) RIEMELMOSER, John [AU/AU]; 2
Nina Court, Salisbury Heights, S.A. 5109
(AU).
- (74) MADDERN; Level 1, 64 Hindmarsh
Square, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RU RO SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61M 5/50
- (11) WO 2004/084979 (13) A1
- (21) PCT/AU2004/000364
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 2003901382 25 Mar/mar 2003 AU
(25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • HYPODERMIC SYRINGE
• SERINGUE HYPODERMIQUE
- (71, 72) WATSON, Robert, Baird [AU/AU]; 11
St Georges Road, Upper Beaconsfield, Victo-
ria 3808 (AU).
- (74) PHILLIPS ORMONDE & FITZ-
PATRICK; 367 Collins Street, Melbourne,
Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 16/00
- (11) WO 2004/084980 (13) A1
- (21) PCT/DE2004/000607
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) de (26) de
- (30) 103 13 082.9 24 Mar/mar 2003 DE
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR DETECT-
ING LEAKS IN RESPIRATORY GAS
SUPPLY SYSTEMS
• PROCEDE ET DISPOSITIF DE DE-
TECTION DE FUITE DANS DES
SYSTEMES D'AMENEE DE GAZ RES-
PIRATOIRES
- (71) WEINMANN GERÄTE FÜR MEDIZIN
GMBH & CO. KG [DE/DE]; Kronsaaßweg
40, 22525 Hamburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) DIETZ, Florian [DE/DE]; Am
Schwarzen Berg 25, 23554 Lübeck (DE).

- WEDLER, Wolfgang [DE/DE]; Haus-
brucher Strasse 7, 21147 Hamburg (DE).
GÖBEL, Christof [DE/DE]; Erlenstrasse 4,
22529 Hamburg (DE).
- (74) KLICKOW, Hans-Henning et al. / etc.;
Jessenstrasse 4, 22767 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 16/00
- (11) WO 2004/084981 (13) A1
- (21) PCT/GB2004/001291
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 0306599.2 24 Mar/mar 2003 GB
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PORTABLE RESUSCITATION SYSTEM
• SYSTEME DE REANIMATION POR-
TABLE
- (71) NUTEC MEDICAL LIMITED [GB/GB];
The New Ranges, Blackgate Road, Shoebury-
ness, Essex SS3 9SR (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MOORE, Robin [GB/GB]; 21 Barnsta-
ple Road, Thorpe Bay, Essex SS1 3PB (GB).
DONALD, Ellis [GB/GB]; The New Ranges,
Blackgate Road, Shoeburyness, Essex SS3
9SR (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 16/00, 16/20
- (11) WO 2004/084982 (13) A1
- (21) PCT/IB2004/001298
- (22) 24 Mar/mar 2004 (24.03.2004)

- (25) en (26) en
- (30) 03/03538 24 Mar/mar 2003 FR
(24.03.2003)
- (30) 60/495,923 18 Aug/août 2003 US
(18.08.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BREATHING ASSISTANCE APPARA-
TUS
• APPAREIL D'ASSISTANCE A LA RES-
PIRATION
- (71) SOCIETE D'APPLICATIONS INDUS-
TRIELLES MEDICALES ET ELEC-
TRONIQUES (SAIME) [FR/FR]; 25, rue
de l'Etain, F-77176 Savigny Le Temple (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) CHALVIGNAC, Philippe [FR/FR]; 37,
Domaine du Bois de la Garenne, F-77760
Achères La Forêt (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Regimbeau, 20, rue de Chazelles, F-75847
Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 35/00, B05B 15/00, A47K 3/00
- (11) WO 2004/084983 (13) A1
- (21) PCT/US2004/008722
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 60/456,744 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SPRAY BOOTH METHOD AND APPA-
RATUS
• PROCEDE ET APPAREIL ASSOCIES A
UNE CABINE DE PULVERISATION
- (71, 72) SPIVAK, Paul [US/US]; 32251 Walker
Road, Avon, OH 44012 (US). MASTAN-
DREA, Nicholas J. [US/US]; 14333 Bass
Lake Road, Newbury, OH 44065 (US).
THOMASON, Scott R. [US/US]; 1176
River Run Drive, Macedonia, OH 44056
(US). NIEDEL, Timothy [US/US]; 806
Trevitt Circle North, Euclid, OH 44143 (US).
- (74) EMERSON, Roger D. et al. / etc.; 500
First National Tower, Akron, OH 44308-1471
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

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

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

Published / Publiée : (c)

(51)⁷ A61N

(11) WO 2004/084984 (13) A2

(21) PCT/US2004/009053

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,023 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • BALANCED CHARGE WAVEFORM
FOR TRANSCUTANEOUS PACING
• FORME D'ONDE DE CHARGE EQUILI-
BREE UTILE POUR LA STIMULATION
TRANSCUTANEE

(63) US 10/396,023 (CON)
24 Mar/mar 2003 (24.03.2003)

(71) MEDTRONIC PHYSIO-CONTROL
MANUFACTURING CORPORATION
[US/US]; 11811 Willows Road N.E., Red-
mond, WA 98052 (US).
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(72, 75) SULLIVAN, Joseph L. [US/US]; 13829
101PL N.E., Kirkland, WA 98034-5230 (US).

(74) INGRASSIA, Vincent, B. et al. / etc.; 7150
E. Camelback Road, Suite 325, Scottsdale,
AZ 85251 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/00, A61B 5/04

(11) WO 2004/084985 (13) A1

(21) PCT/IB2004/000901

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,796 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DUAL ELECTRODE WITH THREE
STUDS FOR IMPEDANCE CARDIOG-
RAPHY

- ELECTRODE DOUBLE AVEC TROIS
POINTES POUR CARDIOGRAPHIE
D'IMPEDANCE

(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) SILBER, Daniel, A. [US/US]; 22100
Bothell Everett Highway, Bothell, WA 98021
(US).

(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; YORKS, Brinton, W., Jr., P.O. Box
3003, Bothell, WA 98041-3003 (US).

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

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

(11) WO 2004/084986 (13) A2

(21) PCT/US2004/008591

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/395,321 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NEUROLIGICAL STIMULATION
LEAD EXTENSION
• EXTENSION DE FIL DE STIMULA-
TION NEUROLOGIQUE

(71) MEDTRONIC INC. [US/US]; MS LC340,
710 Medtronic Parkway, Minneapolis, MN
55432 (US).

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les États désignés sauf US)

(72, 75) DUYSENS, Victor [NL/NL]; Nieuw-
straat 43, NL-6127 BA Grevenbicht (NL).
VAN VENROOIJ, Paulus [NL/NL]; Hom-
merterweg 228, NL-6431 EZ Hoensbroek
(NL).

(74) BAUER, Stephen, W. et al. / etc.; MS
LC340, 710 Medtronic Parkway, Minneap-
olis, MN 55432 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 1/34, D03D 15/00, A61N 1/20

(11) WO 2004/084987 (13) A1

(21) PCT/US2004/008433

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/392,036 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FABRIC WITH PAIN-RELIEVING
CHARACTERISTICS AND STRUC-
TURES FABRICATED THEREFROM,
AND METHOD

- TISSU A CARACTERISTIQUES DE
SOULAGEMENT DE LA DOULEUR.
STRUCTURES FABRIQUEES A PAR-
TIR DUDIT TISSU ET PROCEDE

(71) F & S, LLC [US/US]; c/o Richard Crystal,
Suite 303-7, 158 Linwood Plaza, Fort Lee, NJ
07631 (US).

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

(72, 75) GOLDBERG, Arthur [US/US]; 267
East Cedar Street, Livingston, NJ 07039
(US).

(74) SUMMA, Philip et al. / etc.; Summa & Al-
lan, P.A., Suite 200, 11610 North Community
House Road, Charlotte, NC 28277 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CZ DE DK
DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 1/36, 1/32, 1/08, 1/04

(11) WO 2004/084988 (13) A1

(21) PCT/EP2004/003270

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) MO2003 A 28 Mar/mar 2003 IT
000089 (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROSTIMULATING SYSTEM
• SYSTEME DE STIMULATION ELEC-
TRIQUE

(71) LORENZ BIOTECH S.P.A. [IT/IT]; Via
Statale 12 Sud, 109, I-41036 Medolla (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZANELLA, Andrea [IT/IT]; Via dei
Mille, 30, I-41037 Mirandola (IT).

(74) LUPPI, Luigi; Luppi Crugnola Bergamini &
Partners S.R.L., Viale Corassori, 54, I-41100
Modena (IT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 A61N 1/362, 1/39, 1/365, 1/368

(11) WO 2004/084989 (13) A1

(21) PCT/US2004/008592

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/394,778 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR
GAUGING CARDIAC STATUS USING
POST PREMATURE HEART RATE
TURBULENCE

• PROCEDE ET APPAREIL POUR DE-
TERMINER UN ETAT CARDIAQUE
PAR UNE TURBULENCE DE LA FRE-
QUENCE CARDIAQUE POST-PREMA-
TUREE

(71) MEDTRONIC INC. [US/US]; MS LC340,
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les États désignés sauf US)

(72, 75) BURNES, John, E. [US/US]; 1442
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[US/US]; 672 142nd Avenue Northwest,
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Minneapolis, MN 55404 (US).

(74) MCDOWALL, Paul, H. et al. / etc.; MC
LC340, 710 Medtronic Parkway, Minneap-
olis, MN 55432 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 1/365, 1/39

(11) WO 2004/084990 (13) A1

(21) PCT/JP2004/003618

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003/89358 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEART TREATMENT DEVICE AND
HEART TREATING METHOD

• DISPOSITIF DE TRAITEMENT CAR-
DIAQUE ET TECHNIQUE DE TRAITE-
MENT CARDIAQUE

(71) TERUMO CORPORATION [JP/JP]; 44-1,
Hatagaya 2-chome, Shibuya-ku, Tokyo 151-
0072 (JP).

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les États désignés sauf US)

(72, 75) FUKUI, Yoshihito [JP/JP]; c/o Terumo
Corporation, 1500, Inokuchi, Nakai-machi,
Ashigarakami-gun, Kanagawa 259-0151
(JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku
Bldg., 8-1, Nishishinjuku 1-chome, Shin-
juku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/365, A61B 5/00, 5/02

(11) WO 2004/084991 (13) A1

(21) PCT/US2004/008454

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/394,777 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR OP-
TIMIZING CARDIAC RESYNCHRO-
NIZATION THERAPY

• METHODE ET APPAREIL
D'OPTIMISATION D'UNE THERAPIE
DE RESYNCHRONISATION
CARDIAQUE

(71) MEDTRONIC, INC. [US/US]; MS LC340,
710 Medtronic Parkway NE, Minneapolis,
MN 55432 (US).

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

(72, 75) CHINCHOY, Edward [US/US]; 1825
Noble Drive North, Golden valley, MN 55422
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(74) MCDOWALL, Paul, H. et al. / etc.; MC
LC340, 710 Medtronic Parkway NE, Min-
neapolis, MN 55432 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/372

(11) WO 2004/084992 (13) A1

(21) PCT/ES2003/000141

(22) 26 Mar/mar 2003 (26.03.2003)

(25) es (26) es

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENDOCAVITARY ELECTRODE FOR DEFINITIVE PACEMAKER, COMPRISING A TEMPORARY EXTERNAL CONNECTION, AND METHOD OF CHANGING A PACEMAKER BATTERY USING SAID ELECTRODE

• ELECTRODE ENDOCAVITAIRE DE STIMULATEUR CARDIAQUE DEFINITIVE A CONNEXION EXTERNE TEMPORELLE ET PROCEDE DE RECHARGE DE LA BATTERIE D'UN STIMULATEUR CARDIAQUE AU MOYEN DE LADITE ELECTRODE

(71) CENTRO MEDICO CARDIOVASCULAR LERICHE, S.L. [ES/ES]; Castillo de Cortegana, 1 bajo, 41013 SEVILLA (ES).

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

(72, 75) INFANTES ALCON, Carlos, Antonio [ES/ES]; Castillo de Cortegana, 1 bajo, 41013 SEVILLA (ES).

(74) ESTEBAN PEREZ-SERRANO, M^a, Isabel; Explanada 8, 28040 MADRID (ES).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 1/365

(11) WO 2004/084993 (13) A1

(21) PCT/JP2004/003766

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-81017 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEART TREATMENT DEVICE AND HEART TREATMENT METHOD

• DISPOSITIF DE TRAITEMENT CARDIAQUE ET METHODE DE TRAITEMENT CARDIAQUE

(71) TERUMO CORPORATION [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

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

(72, 75) FUKUI, Yoshihito [JP/JP]; c/o Terumo Corporation, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 259-0151 (JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H01G 9/00

(11) WO 2004/084994 (13) A1

(21) PCT/US2004/008687

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/393,908 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND APPARATUS FOR REFORMING HIGH-VOLTAGE ELECTROLYTIC CAPACITORS

• PROCEDE ET APPAREIL DE RECONSTITUTION DE CAPACITES ELECTROLYTIQUES HAUTE TENSION

(71) MEDTRONIC INC. [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

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

(72, 75) NORTON, John, D. [US/US]; 2153 Violet Lane, New Brighton, MN 55112 (US).

(74) MCDOWALL, Paul, H. et al. / etc.; MC LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/10

(11) WO 2004/084995 (13) A1

(21) PCT/US2004/001351

(22) 20 Jan/jan 2004 (20.01.2004)

(25) en (26) en

(30) 10/361,530 10 Feb/fév 2003 US
(10.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ARRANGEMENT OF SEEDS AND SPACERS FOR BRACHYTHERAPY

• AGENCEMENT DE GRAINS ET D'ESPACEMENTS POUR CURIETHERAPIE

(71) BARD BRACHYTHERAPY, INC. (F/K/A STM ACQUISITION SUB. INC.) [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

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

(72, 75) DROBNIK, Christopher, D. [US/US]; 721 Saddlewood Drive, Wauconda, IL 60084 (US). DROBNIK, Michael, W. [US/US]; 425 Claremont Drive, Downers Grove, IL 60516 (US). JONES, Scott, C. [US/US]; 481 Vinings Drive, Bloomingdale, IL 60108 (US).

(74) SIEGAL, Matthew W. et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/16

(11) WO 2004/084996 (13) A1

(21) PCT/DE2004/000623

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 13 424.7 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESCUE DEVICE FOR A PERSON
DRIFTING IN WATER

• APPAREIL DE SAUVETAGE CONÇU
POUR UNE PERSONNE ENTRAÎNÉE
DANS L'EAU

(71) FACHHOCHSCHULE HILDESHEIM /
HOLZMINDEN / GÖTTINGEN [DE/DE];
Hohnsen 4, 31134 Hildesheim (DE).

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

(72, 75) SCHWINDT, Michael [DE/DE];
Rolandstrasse 35, 31137 Hildesheim (DE).

(74) JUNIUS, Walther; Wolfstrasse 24, 30519
Hannover (DE).

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

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

Published / Publiée : (c)

(51)⁷ A62B 18/08

(11) WO 2004/084997 (13) A1

(21) PCT/DE2004/000332

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 14 136.7 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HOLDING DEVICE FOR CONNECT-
ING A GAS MASK TO A PROTECTIVE
HELMET

• DISPOSITIF DE RETENUE POUR RE-
LIER UN MASQUE DE PROTECTION
RESPIRATOIRE À UN CASQUE DE
PROTECTION

(71) MSA AUER GMBH [DE/DE]; Thie-
mannstrasse 1, 12059 Berlin (DE).

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

(72, 75) SCHMIDTKE, Klaus [DE/DE];
Paul-Lincke-Ufer 1, 10999 Berlin (DE).
SEVE, Tanguy [FR/FR]; 4 Rue Pare Am-
broise, F-71850 Charnay-Lès-Macon (FR).
FITOUSSI, Philippe [FR/FR]; 10 Rue de la
Brise, F-95610 Eragny sur Oise (FR).
HOFFMANN, Wilfried [DE/DE]; Gärtnerstr. 2b,
12207 Berlin (DE).

(74) WABLAT, Wolfgang; Potsdamer Chaussee
48, 14129 Berlin (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 A62B 23/06

(11) WO 2004/084998 (13) A1

(21) PCT/GB2004/001105

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) GB 0306703.0 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FILTERING DEVICE

• DISPOSITIF DE FILTRAGE

(71, 72) HOARAU, Brendon [GB/GB]; 8 Victo-
ria Drive, Eastbourne, East Sussex BN20 8JS
(GB).

(74) ROCK, Olaf, Colin; Rock and Company,
Trelawn, The Green, Cassington, Witney
OX29 4DN (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 35/00, B63C 9/22

(11) WO 2004/084999 (13) A1

(21) PCT/DE2004/000622

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 03006639.3 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESCUE APPARATUS FOR A PERSON
DRIFTING IN WATER

• APPAREIL DE SAUVETAGE POUR
UNE PERSONNE ENTRAÎNÉE DANS
L'EAU

(71) FACHHOCHSCHULE HILDESHEIM/
HOLZMINDEN/ GÖTTINGEN [DE/DE];
Hohnsen 4, 31134 Hildesheim (DE).

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

(72, 75) SCHWINDT, Michael [DE/DE];
Rolandstrasse 35, 31137 Hildesheim (DE).

(74) JUNIUS, Walther; Wolfstrasse 24, 30519
Hannover (DE).

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

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

Published / Publiée : (c)

(51)⁷ A62C 2/08, 31/24

(11) WO 2004/085000 (13) A1

(21) PCT/AU2004/000363

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003901364 25 Mar/mar 2003 AU
(25.03.2003)

(30) 2004900082 7 Jan/jan 2004 AU
(07.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR FIRE CONTROL

• APPAREIL D'EXTINCTION

(71, 72) BUTLER, Raymond, Leonard
[AU/AU]; 49 Christine Crescent, Lalor
Park, New South Wales 2147 (AU).
BARRINGTON, Richard, John [AU/AU]; 49
Christine Crescent, Lalor Park, New South
Wales 2147 (AU).

(74) CARTER, Christopher, John et al. / etc.;
Davies Collison Cave, Level 10, 10 Barrack
Street, Sydney, New South Wales 2000 (AU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085001 (13) A2

(21) PCT/FR2004/000645

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03/03216 17 Mar/mar 2003 FR
(17.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MULTI-PURPOSE SOUND TOOL FOR GOLF TRAINING
• OUTIL SONORE POLYVALENT POUR L'ENTRAÎNEMENT EN GOLF
- (71, 72) NICOLAS, Mark [FR/FR]; 3, allée Henri Matisse (A-13), F-06530 Peymeinade (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085002 (13) A2
- (21) PCT/US2004/008539
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/393,332 20 Mar/mar 2003 US (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • POSTURE CORRECTION EXERCISE DEVICE
• DISPOSITIF D'EXERCICES POUR CORRIGER LA POSTURE
- (71, 72) BOWMAN, Jason [US/US]; 9420 8th Avenue, Pleasant Prairie, WI 53158 (US). GEARHART, Robert [US/US]; 604 River Bluff Drive, Carpentersville, IL 60110 (US).
- (74) EDELSON, Leon et al. / etc.; Levenfeld Pearlstein, P.O. Box 0212, Chicago, IL 60690-0212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/04
- (11) WO 2004/085003 (13) A1
- (21) PCT/BY2004/000007
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ru (26) ru
- (30) 200300538 28 Mar/mar 2003 EA (28.03.2003)
- (30) u20030143 4 Apr/avr 2003 BY (04.04.2003)
- (30) u20030144 4 Apr/avr 2003 BY (04.04.2003)
- (30) u20030146 4 Apr/avr 2003 BY (04.04.2003)
- (30) u20030147 4 Apr/avr 2003 BY (04.04.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COMBINATION SPORTS COMPLEX AND A GYMNAS TIC APPARATUS (VARIANTS)
• INSTALLATION SPORTIVE UNIVERSELLE ET APPAREIL DE GYMNAS TIQUE (ET VARIANTES)
- (71, 72) GLADCHENKO, Alexandr Vasilievich [BY/BY]; ul. Chkalova, 35-26, Minsk, 220065 (BY).
- (74) BELIAEVA, Elena Nikolaevna; pl. Svo-body, 23-55, Minsk, 220030 (BY).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/008
- (11) WO 2004/085004 (13) A1
- (21) PCT/EP2004/003145
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) de (26) de
- (30) 103 14 409.9 28 Mar/mar 2003 DE (28.03.2003)
- (30) 103 19 405.3 29 Apr/avr 2003 DE (29.04.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TRAINING APPARATUS
• APPAREIL D'ENTRAÎNEMENT
- (71) FLUDICON GMBH [DE/DE]; Landwehrstrasse 50, 64293 Darmstadt (DE). PROLINE GMBH [DE/DE]; Brückenstrasse 24-26, 63607 Wächtersbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROSENFELDT, Horst [DE/DE]; Blumenstrasse 36, 64846 Gross-Zimmern (DE). KÖSTER, Oliver [DE/DE]; Friedrich-Ebert-Strasse 15, 65830 Kriftel (DE). ADAMS, Dorothea [DE/DE]; Schubertstrasse 18a, 64572 Büttelborn (DE). STORK, Michael [DE/DE]; Dianastrasse 17, 64291 Darmstadt (DE). WILHELM-CRYNS, Ute [DE/DE]; Brückenstrasse 24-26, 63607 Wächtersbach (DE). ZINKHAN, Torsten [DE/DE]; Brückenstrasse 24-26, 63607 Wächtersbach (DE).
- (74) BEHRENS, Helmut; Gross-Gerauer Weg 55, 64295 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/065
- (11) WO 2004/085005 (13) A2
- (21) PCT/US2004/008770
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 60/456,859 24 Mar/mar 2003 US (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DEVICE FOR THE ATTACHMENT OF FREE WEIGHTS TO A LEG
• DISPOSITIF DE FIXATION SUR UNE JAMBE DES CHARGES LIBRES
- (71) ONE HOUSE, INC. [US/US]; 809 Tyler Street, Gary, IN 46402 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FINCH, Stephen, Brian [US/US]; 809 Tyler Street, Gary, IN 46402 (US).
- (74) ZARONIAS, Michael, D.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., 200 West Adams, Suite 2850, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/KR2004/000310
- (22) 16 Feb/fév 2004 (16.02.2004)
- (25) ko (26) en
- (30) 10-2003-0009880 17 Feb/fév 2003 KR (17.02.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • GOLF BALL

- BALLE DE GOLF
- (71) AVIA. CO. LTD. [KR/KR]; 2nd Floor, 942-18 Daechi-dong, Gangnam-gu, 135-280 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIN, Deok-Ho [KR/KR]; 2nd Floor, 942-18 Daechi-dong, Gangnam-gu, 135-280 Seoul (KR).
- (74) HAN YANG PATENT FIRM; 10th Floor, Dacom Building, 706-1, Yeoksam-Dong, Gangnam-Gu, Seoul 135-987 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 24 Mar/mar 2004 (24.03.2004)

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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RACKET

• INSTRUMENT DE FRAPPE DE BALLE

(71, 72) TURZER, Harald [DE/DE]; Marianenplatz 4, 10997 Berlin (DE).

(74) RADWER, Dieter; Hübner, Neumann, Radwer, Frankfurter Allee 286, 10317 Berlin (DE).

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(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/JP1997/003368

(22) 24 Sep/sep 1997 (24.09.1997)

(25) ja

(30) 8-256443

(30) 9-88552

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GOLF CLUBHEAD AND METHOD OF MANUFACTURING THE SAME

• TETE DE CLUB DE GOLF ET SON PROCEDE DE FABRICATION

(71, 72) KUSANO, Akihiko [JP/JP]; c/o Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). SOEDA, Seiichi [JP/JP]; c/o Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). FUKUDA, Masaya [JP/JP]; c/o Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). CHINO, Shigeru [JP/JP]; c/o Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). TAKEBAYASHI, Takamitsu [JP/JP]; c/o Fourteen Co., Ltd, 22-4, Minami-machi 4-chome, Kichijoji, Musashino-shi, Tokyo 180 (JP). MIYAZAWA, Kenichi [JP/JO]; c/o Asahi Kasei kogyo Kabushiki Kaisha, 1-1-2, Yurakucho, Chiyoda-ku, Tokyo 100 (JP). KAKIMOTO, Etsuji [JP/JP]; c/o Asahi Kasei kogyo Kabushiki Kaisha, 5447, Oaza Yamae, Chikushino-shi, Fukuoka 818 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105 (JP).

(81) US.

Published / Publiée : (e): 08Aug/août 2000 (08.08.2000), 6099414

(51)⁷ A63B 57/00, 69/36

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(21) PCT/GB2004/001391

(22) 29 Mar/mar 2004 (29.03.2004)

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(30) 0307159.4 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BALL HIT DETECTION APPARATUS AND TEE-ING MACHINE

• APPAREIL DE DETECTION DE FRAPPE DE BALLE ET MACHINE TERTRE DE DEPART

(71, 72) WYETH, Martin [GB/GB]; 42 North Street, Old Town, Swindon, Wiltshire (GB).

(74) MARKS & CLERK; 27 Imperial Square, Cheltenham, Gloucestershire GL50 1RQ (GB).

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

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

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(51)⁷ A63B 57/00

(11) WO 2004/085010 (13) A2

(21) PCT/GB2004/001442

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(25) en (26) en

(30) 0307162.8 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BALL FEEDER

• DISTRIBUTEUR DE BALLE

(71, 72) WYETH, Martin [GB/GB]; 42 North Street, Old Town, Swindon, Wiltshire (GB).

(74) MARKS & CLERK; 27 Imperial Square, Cheltenham, Gloucestershire GL50 1RQ (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) • ANTI-THEFT GOLF BALL AND METHOD

• BALLE DE GOLF ANTIVOL ET PROCEDE CORRESPONDANT

(71, 72) RUPERT, Johann, Peter [ZA/ZA]; Groot Paardevlei, 29 Magnolia Street Heldervlei, 7130 Somerset West (ZA).

(74) D M KISCH INC; P.O. Box 781218, 2146 Sandton (ZA).

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

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

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

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(51)⁷ A63C

(11) WO 2004/085012 (13) A2

(21) PCT/SE2004/000461

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(25) sv (26) en

(30) 0300828-1 25 Mar/mar 2003 SE
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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVEMENTS IN OR RELATING
TO ROLLER-SKATES

• AMELIORATIONS APORTEES A DES
PATINS A ROULETTES OU AMELIO-
RATIONS CONNEXES

(71, 72) NYSTRÖM, Richard [SE/SE]; Vårvä-
gen 3, S-169 31 Solna (SE).

(74) ROSENQUIST, Per, Olof; Bergenstråhle &
Lindvall AB, Box 17704, S-118 93 Stock-
holm (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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) WO 2004/085013 (13) A2

(21) PCT/US2004/008005

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/456,018 19 Mar/mar 2003 US
(19.03.2003)

(30) 10/614,140 7 Jul/juil 2003 US
(07.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SKATEBOARD SECURITY RACK

• STRUCTURE DE RANGEMENT DE
SECURITE POUR PLANCHES A ROU-
LETTES

(71, 72) LOCH, Curt [US/US]; 1977 Looking
Grass Way, Upland, CA 91784 (US).

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

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

(11) WO 2004/085014 (13) A2

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(25) en (26) en

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(20.03.2003)

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(54) • SYSTEMS, METHODS AND KITS TO
FACILITATE THE SOLUTION OF DIA-
GRAMLESS CROSSWORD PUZZLES

• SYSTEMES, PROCEDES ET KITS
PERMETTANT DE FACILITER LA SO-
LUTION DE MOTS CROISES SANS
SCHEMA

(71, 72) LIDONNICI, Kenneth, M. [US/US];
433 East 56 Street, New York, NY 10022
(US).

(74) CARTER, David, M. et al. / etc.; Carter,
DeLuca, Farrell & Schmidt, LLP, Suite 225,
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BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085015 (13) A1

(21) PCT/US2003/009712

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOTTERY SYSTEM/ELECTRONIC
GAMING DEVICE INTERFACE AND
GAMBLING GAME

• INTERFACE DE DISPOSITIF DE JEU
ELECTRONIQUE/SYSTEME DE LO-
TERIE ET JEU DE HASARD

(71, 72) OKUNIEWICZ, Douglas [US/US]; 330
East Warm Springs Road, Suite A-2, Las Ve-
gas, NV 89119 (US).

(74) JACOBS, Adam; 1904 Farnam Street, Suite
726, Omaha, NE 68102 (US).

(81) AU BR CA CN JP MX RU TR 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 A63H

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(21) PCT/US2004/000996

(22) 14 Jan/jan 2004 (14.01.2004)

(25) en (26) en

(30) 10/348,830 22 Jan/jan 2003 US
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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDROGENPOWERED TOY ROCKET
UTILIZING HYDROGEN FROM THE
ELECTROLYSIS OF WATER

• FUSEE-JOUET A HYDROGENE UTILI-
SANT L'HYDROGENE PROVENANT
DE L'ELECTROLYSE DE L'EAU

(71) LUND AND COMPANY INVENTION,
L.L.C. [US/US]; 4111 North Rockwell,
Chicago, IL 60618 (US).

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les États désignés sauf US)

(72) LUND, Bruce, D.; 2557 Pensacola, Chicago,
IL 60618 (US). STARRICK, Michael; 811
North Third Avenue, Maywood, IL (US).

(74) SHORE, Jack et al. / etc.; Much Shelist, 191
North Wacker Drive, Suite 1800, Chicago, IL
60606 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 13/00, 3/28

(11) WO 2004/085017 (13) A1

(21) PCT/GB2004/001279

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(25) en (26) en

(30) 0306723.8 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TOY FIGURE

• FIGURINE

(71) GENIE TOYS PLC [GB/GB]; 25 Imperial
Square, Cheltenham, Gloucestershire GL50
1QZ (GB).

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

(72, 75) NORMAN, Casey, William [GB/GB];
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Gloucestershire GL54 4LL (GB).

(74) HANSON, William, Bennett; JY & GW
Johnson, Kingsbourne House, 229-231 High
Holborn, London., WC1V 7DP (GB).

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

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

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

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(51)⁷ A63H 33/00, 27/10

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(22) 26 Mar/mar 2004 (26.03.2004)

(25) es (26) es

(30) 200300769 27 Mar/mar 2003 ES
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BALLOON-PAINTING DEVICE

• DISPOSITIF PERMETTANT DE
PEINDRE DES BALLONS

(71, 72) MARTINEZ ESPINO, Bartolomé
[ES/ES]; Pla de Dalt, 11, E-43400 Montblanc
(ES).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085019 (13) A2

(21) PCT/US2004/007208

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 60/457,500 24 Mar/mar 2003 US
(24.03.2003)

(30) 10/732,162 10 Dec/déc 2003 US
(10.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECLAIMABLE HYBRID BIOREAC-
TOR

• BIOREACTEUR HYBRIDE REGENE-
RABLE

(71) CH2M HILL, INC. [US/US]; 9191 South
Jamaica Street, Englewood, CO 80112 (US).
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(72, 75) KEMPER, Charles, C. [US/US]; 7595
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97070 (US). ALLEN, Jan [US/US]; 1001

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(74) SWANSON, Barry, J. et al. / etc.; Swanson
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Center Drive, Highlands Ranch, CO 80129
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085020 (13) A2

(21) PCT/US2004/007934

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/457,058 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR COUNTERCUR-
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• DISPOSITIF POUR CHROMATOGRA-
PHIE A CONTRE-COURANT

(71) THE GOVERNMENT OF THE UNITED
STATES OF AMERICA, as represented
by THE SECRETARY, DEPARTMENT
OF HEALTH AND HUMAN SERVICES
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fice of Technology Transfer, Suite 325, 6011
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(US).

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les États désignés sauf US)

(72, 75) ITO, Yoichiro [US/US]; 6003 Melvern
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(74) ALTMAN, Daniel, E.; Knobbe, Martens,
Olson and Bear, LLP, 2040 Main Street,
Fourteenth Floor, Irvine, CA 92614 (US).

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

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

(11) WO 2004/085021 (13) A2

(21) PCT/US2004/008887

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,984 24 Mar/mar 2003 US
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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND SYSTEM FOR PRO-
DUCING LARGE PARTICLE PRECIP-
ITATES

• PROCEDE ET SYSTEME DE PRODUC-
TION DE PRECIPITES A GROSSES
PARTICULES

(71) HAYDOCK INTELLECTUAL PROPER-
TIES, L.L.C. [US/US]; 6340 S. Castlefield
Lane, Murray, UT 84107-7577 (US).

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

(72) HAYDOCK, Frederick, J.; 6340 S. Castle-
field Lane, Murray, UT 84107-7577 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/00, 61/00, 63/00

(11) WO 2004/085022 (13) A1

(21) PCT/US2004/007926

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,054 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PURIFICATION OF FLUID COM-
POUNDS UTILIZING A DISTILLA-
TION-MEMBRANE SEPARATION
PROCESS

• PURIFICATION DE COMPOSES
FLUIDES UTILISANT UN PROCES-
SUS DE SEPARATION A MEMBRANE
DE DISTILLATION

(71) BB CORPORATION NORTH AMER-
ICA INC. [US/US]; 4101 Winfield Road,
Warrenville, IL 60555 (US).

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

(72, 75) COLLING, Craig, W. [US/US]; 3 S
710 River Road, Warrenville, IL 60555
(US). HUFF, George, A., Jr. [US/US]; 823
Morven Court, Naperville, IL 60563 (US).

- PIETSCH, Stephen, J. [US/US]; 1220 Mil-let Street, Naperville, IL 60563 (US).
- (74) **SCHOETTLE, Ekkehard**; BP America Inc., 4101 Winfield Road, Warrenville, IL 60555 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/14, C07C 7/04**
- (11) **WO 2004/085023** (13) A1
- (21) PCT/US2004/007798
- (22) **12 Mar/mar 2004 (12.03.2004)**
- (25) en (26) en
- (30) 10/393,029 **20 Mar/mar 2003** US (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LOW CAPITAL IMPLEMENTATION OF DISTRIBUTED DISTILLATION IN ETHYLENE RECOVERY
- MISE EN OEUVRE D'UNE DISTILLATION DISTRIBUEE DANS UNE RECUPERATION D'ETHYLENE A COUTS REDUITS
- (71) **BP CORPORATION NORTH AMERICA INC.** [US/US]; 4101 Winfield Road, Warrenville, IL 60555 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **REYNEKE, Rian**; 20523 Fawnbrook Court, Katy, TX 77450 (US). **FORAL, Michael, J.**; 3083 Fairfield Lane, Aurora, IL 60504 (US). **LEE, Guang-Chung**; 12815 Suffolk Chase Lane, Houston, TX 77077 (US).
- (74) **PATEL, Nirav**; BP America Inc., 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00**

(11) **WO 2004/085024** (13) A2

(21) PCT/FR2004/000683

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) fr (26) fr

(30) 03/03470 **21 Mar/mar 2003** FR (21.03.2003)

(30) 03/03469 **21 Mar/mar 2003** FR (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD AND INSTALLATION FOR IMPROVING FUEL VAPOUR RECOVERY EFFICIENCY
- PROCEDE ET INSTALLATION POUR AMELIORER LE RENDEMENT DE RECUPERATION DES VAPEURS DE CARBURANT

(71) **LGL FRANCE** [FR/FR]; Rue des Albatros, ZI Les Meurières, F-69780 Mions (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEN LAKHDHAR, Mohamed, Ali** [TN/FR]; 1, rue de la Distillerie, F-38300 Bourgoin-Jallieu (FR). **JACQUOT, Eric** [FR/FR]; 61, montée des Balmes, F-69126 Brindas (FR). **COMPINGT, Alain** [FR/FR]; 12, chemin du Pirot, F-69290 Grezieu La Varenne (FR). **SERRE, Patrice** [FR/FR]; 1, rue du Chapeau Rouge, F-69009 Lyon (FR). **MATHIEU, Gérard** [FR/FR]; 34, avenue Roger Salengro, F-69100 Villeurbanne (FR). **BLAIN, Gérard** [FR/FR]; 8, rue Yves Farges, F-69780 Mions (FR). **TORRES, Daniel** [FR/FR]; 107, rue Léon Blum, F-69100 Villeurbanne (FR).

(74) **THIBAUT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean Jaurès, B.P. 7073, F-69301 Lyon Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/032, C11B 1/12, C02F 1/40**

(11) **WO 2004/085025** (13) A1

(21) PCT/SE2004/000412

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) sv (26) en

(30) 0300875-2 **28 Mar/mar 2003** SE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A METHOD AND A DEVICE FOR SEPARATING A LIQUID FROM A RAW MATERIAL
- PROCEDE ET DISPOSITIF POUR SEPARER UN LIQUIDE D'UNE MATIERE BRUTE

(71, 72) **ERIKSSON, Felix** [SE/SE]; Vintervägen 9, S-832 45 Frösön (SE).

(74) **LUDWIG BRANN PATENTBYRÅ AB**; Box 17192, S-104 62 Stockholm (SE).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 24/46, 29/62**

(11) **WO 2004/085026** (13) A1

(21) PCT/SE2004/000465

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) sv (26) en

(30) 0300853-9 **27 Mar/mar 2003** SE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR TREATING A FILTER AND A CONTROL METHOD THEREFORE
- PROCEDE DE TRAITEMENT D'UN FILTRE ET PROCEDE DE COMMANDE ASSOCIE

(71, 72) **OLAUSSEN, Lennart** [SE/SE]; Hönacka, S-670 20 Glava (SE).

(74) **KYLIN, Peter et al.** / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 35/143

(11) WO 2004/085027 (13) A1

(21) PCT/NL2004/000211

(22) 29 Mar/mar 2004 (29.03.2004)

(25) nl (26) en

(30) 1023037 28 Mar/mar 2003 NL
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM COMPRISING A FILTER
WITH A REPLACEABLE FILTER EL-
EMENT, FILTER ELEMENT FOR USE
IN A SYSTEM OF THIS TYPE, AND
METHOD FOR DETERMINING A
TECHNICAL STATE OF A REPLACE-
ABLE FILTER ELEMENT OF THIS
TYPE

• SYSTEME COMPRENANT UN FILTRE
POSSEDANT UN ELEMENT FIL-
TRANT REMPLACABLE, ELEMENT
FILTRANT MIS EN APPLICATION
DANS CE SYSTEME ET PROCEDE
SERVANT A DETERMINER L'ETAT
TECHNIQUE DE CET ELEMENT

(71) PARKER FILTRATION B. V. [NL/NL]; 8,
Stieltjesweg, NL-6827 BV Arnhem (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN SAVOOLJEN, Henk [NL/NL];
27, Havenkade, NL-7607 XS Almelo
(NL). VAN BOVEN, Marinus, Johannes,
Berend [NL/NL]; 14, Paul van Ostayenstraat,
NL-6708 RX Wageningen (NL).

(74) SEITZ, H., F., K.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ B01D 39/20, 46/00

(11) WO 2004/085028 (13) A1

(21) PCT/JP2004/003714

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-079315 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2004-063327 8 Mar/mar 2004 JP
(08.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CERAMIC FILTER
• FILTRE EN CÉRAMIQUE

(71) NGK INSULATORS LTD. [JP/JP]; 2-56,
Suda-cho, Mizuho-ku, Nagoya-shi, Aichi,
4678530 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMADA, Tomohiro [JP/JP]; c/o
NGK INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi, 4678530
(JP).

(74) WATANABE, Kazuhira; 3rd Fl., No.8
Kikuboshi Tower Building, 20-18, Asakus-
abashi 3-chome, Taito-ku, Tokyo, 1110053
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ B01D 39/20, 46/00

(11) WO 2004/085029 (13) A1

(21) PCT/JP2004/003736

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-083213 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEALED HONEYCOMB STRUCTURE
AND METHOD OF PRODUCING THE
SAME

• STRUCTURE ETANCHE EN NID
D'ABEILLE ET SON PROCEDE DE
PRODUCTION

(71) NGK INSULATORS LTD. [JP/JP]; 2-56,
Suda-cho, Mizuho-ku, Nagoya-shi, Aichi,
4678530 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ICHIKAWA, Yukihito [JP/JP]; c/o
NGK INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi, 4678530
(JP). NOGUCHI, Yasushi [JP/JP]; c/o
NGK INSULATORS, LTD., 2-56, Suda-cho,
Mizuho-ku, Nagoya-shi, Aichi, 4678530
(JP).

(74) WATANABE, Kazuhira; 3rd Fl., No.8
Kikuboshi Tower Building, 20-18, Asakus-
abashi 3-chome, Taito-ku, Tokyo 1110053
(JP).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 43/00

(11) WO 2004/085030 (13) A1

(21) PCT/JP2003/009875

(22) 4 Aug/août 2003 (04.08.2003)

(25) ja (26) ja

(30) 2003-86924 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF CONCENTRATING
FINE PARTICLE DISPERSION AND
METHOD OF RECOVERING FINE
PARTICLE

• PROCEDE DE CONCENTRATION
D'UNE DISPERSION DE PARTICULES
FINES ET PROCEDE DE RECUPERA-
TION DE PARTICULES FINES

(71) JAPAN SCIENCE AND TECHNOLOGY
AGENCY [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) YOKOYAMA, Chiaki [JP/JP];
Kawauchi-Jutaku 4-303, 35, Kawauchi-Mo-
tohasekura, Aoba-ku, Sendai-shi, Miyagi
980-0861 (JP). KASAI, Hitoshi [JP/JP];
6-5-10-505, Koriyama, Taihaku-ku,
Sendai-shi, Miyagi 982-0003 (JP).
SARASHINA, Eiji [JP/JP]; 1-20-12-401,
Miyagino, Miyagino-ku, Sendai-shi, Miyagi
983-0045 (JP). INOMATA, Hiroshi [JP/JP];
5-38, Hirose-machi, Aoba-ku, Sendai-shi,
Miyagi 980-0873 (JP). NAKANISHI,
Hachiro [JP/JP]; 1-3-2-405, Komegafukuro,
Aoba-ku, Sendai-shi, Miyagi 980-0813 (JP).

(74) MIYAMOTO, Harumi; Hougaku Bldg.
7F, 19-14, Toranomon 1-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 PL PT RO SE
SI SK TR).

(51)⁷ B01D 46/24, 46/42, F04D 29/70, 29/58

(11) WO 2004/085031 (13) A1

(21) PCT/JP2004/003771

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-085407 26 Mar/mar 2003 JP
(26.03.2003)

(30) 2003-100336 3 Apr/avr 2003 JP
(03.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SUCTION FILTER, TURBO COMPRESSOR, AND METHOD OF PACKAGING THE COMPRESSOR

• FILTRE D'ASPIRATION, TURBOCOMPRESSEUR ET PROCÉDE DE MONTAGE DE COMPRESSEUR DANS UNE ENVELOPPE

- (71) ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).

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

- (72, 75) TAKETOMI, Toshimichi [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP). HASEGAWA, Kazumitsu [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP). SASAKI, Yoshitaka [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP). OGAWA, Yoshiyuki [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).

- (74) YAMADA, Tsunemitsu et al. / etc.; 2nd Yahagi Bldg., 5-3, Uchikanda 3-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 53/00

(11) WO 2004/085032 (13) A2

(21) PCT/IT2004/000143

(22) 23 Mar/mar 2004 (23.03.2004)

(25) it (26) en

(30) PCT/IT03/00171 24 Mar/mar 2003 IT (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD AND DEVICE FOR POLLUTION REDUCTION FROM EXHAUSTS EMISSIONS

• PROCÉDE ET DISPOSITIF DE RÉDUCTION DE LA POLLUTION DE GAZ D'ÉCHAPPEMENT

- (71, 72) ABATE, Valerio [IT/IT]; Via Genova, 15, I-21047 Saronno (IT). CONTI, Alberto [IT/IT]; Via Nirone, 10, I-20100 Milano (IT). BIANCHI, Michela [IT/IT]; Via Nirone, 10, I-20100 Milano (IT).

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

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 53/00

(11) WO 2004/085033 (13) A2

(21) PCT/US2004/007453

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 60/456,354 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • IMPROVED COMPOSITION AND METHOD FOR REMOVAL OF CARBONYL SULFIDE FROM ACID GAS CONTAINING SAME

• COMPOSITION AMÉLIORÉE ET MÉTHODE D'ÉLIMINATION DU SULFURE DE CARBONYLE PRÉSENT DANS DES GAZ ACIDES

- (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) SCHUBERT, Craig, N. [US/US]; 220 Moss Rose Lane, Lake Jackson, TX 77566 (US). ASHCRAFT, Arnold, C. [US/US]; 838 Perrineville Road, Perrineville, NJ 08535 (US).

- (74) KARADZIC, Dragan, K.; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 53/00

(11) WO 2004/085034 (13) A2

(21) PCT/US2004/008382

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,061 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • COMPOSITE GAS SEPARATIONS MODULES HAVING INTERMEDIATE METAL LAYERS

• MODULES COMPOSITES DE SÉPARATIONS DE GAZ PRÉSENTANT DES COUCHES MÉTALLIQUES POREUSES INTERMÉDIAIRES

- (71) WORCESTER POLYTECHNIC INSTITUTE [US/US]; 100 Institute Road, Worcester, MA 01609 (US).

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

- (72, 75) MA, Yi, Hua [US/US]; 50 Westwood Drive, Worcester, MA 01609 (US). ENG-WALL, Erik, E. [US/US]; 24 Dean Street, Apt. 2A, Worcester, MA 01609 (US). MARDILOVICH, Ivan, P. [US/US]; 32A Boynton, Apt. 4, Worcester, MA 01609 (US).

- (74) PIERCE, N., Scott; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 53/02, F02M 35/00

(11) WO 2004/085035 (13) A1

(21) PCT/US2004/008031

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/392,044 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • EVAPORATIVE HYDROCARBON EMISSIONS FILTER

• FILTRE D'ÉMISSIONS D'HYDROCARBURES VOLATILES

- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

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

- (72, 75) BAUSE, Daniel [US/US]; 150 Cloverhill Drive, Flanders, NJ 07836 (US). UNGER, Peter [US/US]; 36 Terry Drive, Convent Station, NJ 07961 (US). STEMLER, Bryon, W. [CA/CA]; 4205 Shipp Drive Unit 609, Mississauga ON L4Z 2Y9 (CA). ROHRBACH, Ronald, P. [US/US]; 430 Cherryville Road, Flemington, NJ 08822 (US). SMITH, Robert, L. [US/US]; 1841 Stony Hill Road, Hinckley, OH 44233 (US). BERKEY, Richard, J. [US/US]; 3350 Island Avenue, Toledo, OH 43614 (US).

(74) HOIRIIS, David 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/085036 (13) A2

(21) PCT/EP2004/003085

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 438.7 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE SELECTIVE REMOVAL OF HYDROGEN SULPHIDE AND CO₂ FROM CRUDE GAS

• PROCEDE D'ELIMINATION SELECTIVE DE SULFURE D'HYDROGENE ET DE CO₂ DANS DES GAZ BRUTS

(71) UHDE GMBH [DE/DE]; Friedrich-Uhde-Strasse 15, 44141 Dortmund (DE).

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

(72, 75) MENZEL, Johannes [DE/DE]; Krummer Weg 8, 45731 Waltrop (DE).

(74) DABRINGHAUS, Walter et al. / etc.; Rosa-Luxemburg-Strasse 18, 44141 Dortmund (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B01D 53/26, C10L 3/10

(11) WO 2004/085037 (13) A1

(21) PCT/NO2004/000089

(22) 26 Mar/mar 2004 (26.03.2004)

(25) no (26) en

(30) 20031458 28 Mar/mar 2003 NO (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM FOR DRYING GAS AND USE OF THE SYSTEM

• SYSTEME POUR SECHER DES GAZ ET UTILISATION DU SYSTEME

(71) GROUP 7 TECHNOLOGY AS [NO/NO]; Rugdevn. 9, N-3679 Notodden (NO).

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

(72, 75) HENRIKSEN, Norolf [NO/NO]; Rugdevn. 9, N-3670 Notodden (NO).

(74) HOFSETH, Svein; Norsk Hydro ASA, N-0240 Oslo 2 (NO).

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

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

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(51)⁷ B01D 53/86, 53/32, F01N 3/28

(11) WO 2004/085038 (13) A1

(21) PCT/NL2004/000213

(22) 29 Mar/mar 2004 (29.03.2004)

(25) nl (26) en

(30) 1023045 28 Mar/mar 2003 NL (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PURIFICATION OF OFF-GASES FROM GAS-FIRED PLANTS

• PURIFICATION D'EFFLUENTS GAZEUX A PARTIR D'INSTALLATIONS D'UTILISATION DE GAZ

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

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(72, 75) OONK, Johan [NL/NL]; Fabianusstraat 12, NL-7333 AC Apeldoorn (NL). WILLEMS, Franciscus, Petrus, Thomas [NL/NL]; Veldmoeren 32, NL-4824 JV Breda (NL). CREIJGHTON, Yves, Lodewijk, Maria [NL/NL]; Annastraat 16, NL-2611 VX Delft (NL).

(74) WINCKELS, C., S., J., H., F.; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B01D 53/94, B01J 23/10, 23/63, 35/10, 37/03

(11) WO 2004/085039 (13) A1

(21) PCT/FR2004/000648

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03 03292 18 Mar/mar 2003 FR (18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITIONS BASED ON CERIUM OXIDE, ZIRCONIUM OXIDE AND, OPTIONALLY, ANOTHER RARE EARTH OXIDE, HAVING A SPECIFIC RAISED SURFACE AT 1100 °C, METHOD FOR THE PRODUCTION AND USE THEREOF AS A CATALYST

• COMPOSITIONS A BASE D'UN OXYDE DE CERIUM, D'UN OXYDE DE ZIRCONIUM ET, EVENTUELLEMENT D'UN OXYDE D'UNE AUTRE TERRE RARE, A SURFACE SPECIFIQUE ELEVEE A 1100°C, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME CATALYSEUR

(71) RHODIA ELECTRONICS AND CATALYSIS [FR/FR]; Z.I. - 26, rue Chef de Baie, F-17041 La Rochelle (FR).

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(72, 75) LARCHER, Olivier [FR/FR]; 34, rue de Cheverny, F-17180 Périgny (FR). ROHART, Emmanuel [FR/FR]; 43, rue du Moulin, F-17138 Puilboreau (FR).

(74) DUBRUC, Philippe; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 61/00

(11) WO 2004/085040 (13) A2

(21) PCT/US2004/009055

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,074 **24 Mar/mar 2003** US
(24.03.2003)

(30) 10/807,044 **23 Mar/mar 2004** US
(23.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PREFERENTIAL PRECIPITATION
MEMBRANE SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE MEM-
BRANE A PRECIPITATION PREFE-
RENTIELLE

(71) ITT MANUFACTURING ENTER-
PRISES, INC. [US/US]; 1105 North Market
Street, Suite 1217, Wilmington, DE 19801
(US).

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les États désignés sauf US)

(72, 75) ENZWEILER, Ronald, J. [US/US]; 5
Corte Fresca, Moraga, CA 94556 (US). AL-
LAN, Peter [US/US]; 925 Wild Oak Drive,
Santa Rosa, CA 95409 (US). STRASSER,
Jurgen, Heinz [US/US]; 3312 Las Huetas
Road, Lafayette, CA 94549 (US).

(74) SPADT, Jonathan, H. et al. / etc.; Ratner-
Prestia, P.O. Box 980, Valley Forge, PA 19482
(US).

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

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

(51)⁷ B01D 61/14, A61L 15/60, C08L 39/02,
C08F 8/12, 6/12, B01D 63/16

(11) WO 2004/085041 (13) A1

(21) PCT/EP2004/002928

(22) 20 Mar/mar 2004 (20.03.2004)

(25) en (26) en

(30) 60/457,956 **27 Mar/mar 2003** US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR REDUCING THE CON-
TENT OF WATER-SOLUBLE SALTS
OF AQUEOUS SOLUTIONS OF POLY-
MERS CONTAINING VINYLAMINE
GROUPS AND USE OF THE DE-
SALTED POLYMERS IN THE MAN-
UFACTURE OF MULTICOMPONENT
SUPERABSORBENT GELS

• PROCEDE DESTINE A REDUIRE LA
TENEUR EN SELS HYDROSOLUBLES
DE SOLUTIONS AQUEUSES DE POLY-
MERES CONTENANT DES GROUPE
VINYLAMINE ET UTILISATION DE
POLYMERES DESSALES DANS LA
FABRICATION DE GELS SUPER-AB-
SORBANTS A CONSTITUANTS MUL-
TIPLES

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

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les États désignés sauf US)

(72, 75) BENNETT, Andrea, Karen [NZ/TH];
56/39 Railway Villa, Nong Yai Soi 6,
Moo 6, Tambon Nong Prue, Pattaya, Chol
Buri 20150, Amphur Bang Lamung (TH).
MITCHELL, Michael, A. [US/US]; 8805
Sweetwater Pl., Waxhaw, NC 28173 (US).
CARRICO, Peter, W. [US/US]; 2274
Riverview Road, West Point, MS 39773
(US).

(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).

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

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

(51)⁷ B01D 61/48, 61/52, B01J 47/08, C02F
1/469

(11) WO 2004/085042 (13) A1

(21) PCT/US2004/003551

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 60/445,490 **6 Feb/fév 2003** US
(06.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SERVICEABLE ELECTRODEIONIZA-
TION APPARATUS AND METHOD
FOR RESIN REFILL

• APPAREIL
D'ELECTRODEIONISATION
EN BON ETAT DE SERVICE ET
PROCEDE DE RECHARGE DE RESINE

(71) ZHEJIANG OMEX ENVIRONMEN-
TAL ENGINEERING LTD. [CN/CN]; 688
Chuangyadadao, Huzhou, Zhejiang 31300
(CN).

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les États désignés sauf US)

(72, 75) LI, Xiang [US/CN]; Room 302, Build-
ing 45, Ji Shan Er Cun, Huzhou Zhejiang
Province (CN).

(74) CORNELISON, Michael, J.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 65/10, 53/22, 71/02, C01B 3/50,
B01D 67/00

(11) WO 2004/085043 (13) A1

(21) PCT/US2004/008372

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,931 **21 Mar/mar 2003** US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CURING DEFECTS IN
THE FABRICATION OF A COMPOSITE
GAS SEPARATION MODULE

• PROCEDE POUR SUPPRIMER LES DE-
FAUTS DANS LA FABRICATION D'UN
MODULE DE SEPARATION DE GAZ
COMPOSITE

(71) WORCESTER POLYTECHNIC IN-
STITUTE [US/US]; 100 Institute Road,
Worcester, MA 01609 (US).

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les États désignés sauf US)

(72, 75) MA, Yi, Hua [US/US]; 50 West-
wood Drive, Worcester, MA 01609 (US).
MARDILOVICH, Ivan, P. [US/US]; 32A
Boynton, Apt. 4, Worcester, MA 01609 (US).
ENGWALL, Erik, E. [US/US]; 24 Dean
Street, Apt. 2A, Worcester, MA 01609 (US).

(74) PIERCE, Scott, N. 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

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(51)⁷ B01D 71/02, 69/12, C01B 3/50, B01D
53/22

(11) WO 2004/085044 (13) A1

(21) PCT/US2004/008383

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,930 **21 Mar/mar 2003** US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR FABRICATING COM-
POSITE GAS SEPARATION MODULES

• METHODE DE FABRICATION DE
MODULES COMPOSITES DE SEPA-
RATION DE GAZ

(71) **WORCESTER POLYTECHNIC INSTITUTE** [US/US]; 100 Institute Road, Worcester, MA 01609 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MA, Yi, Hua** [US/US]; 50 Westwood Drive, Worcester, MA 01609 (US). **ENGWALL, Erik, E.** [US/US]; 24 Dean Street, Apt. 2A, Worcester, MA 01609 (US). **MARDILOVICH, Ivan, P.** [US/US]; 32A Boynton, Apt. 4, Worcester, MA 01609 (US).

(74) **PIERCE, N., Scott et al.** / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

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(51)⁷ **B01F 15/00**

(11) **WO 2004/085045** (13) A2

(21) PCT/IB2004/000764

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) de (26) de

(30) 2003 0513/03 **24 Mar/mar 2003 CH (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS AND DEVICE FOR METERING AND MIXING AN ADHESIVE AND FOR FILLING A SMALL SPACE
• DISPOSITIF ET PROCÉDE DE DOSAGE ET DE MÉLANGE D'UN ADHÉSIF ET DE REMPLISSAGE D'UN PETIT ESPACE

(71) **SCHLEUNIGER HOLDING AG** [CH/CH]; Bierigutstrasse 9, 3608 Thun (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LÜTHI, Marcel** [CH/CH]; Niesenstrasse 39, 3114 Wichtrach (CH). **MÜHLEMATTER, Ulrich** [CH/CH]; Agerstrasse 68, 3705 Faulensee (CH).

(74) **ROSENICH, Paul et al.** / etc.; Patentbüro Paul Rosenich AG, BGZ, 9497 Triesenberg (LI).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085046** (13) A2

(21) PCT/EP2004/003138

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) de (26) de

(30) 103 13 324.0 **25 Mar/mar 2003 DE (25.03.2003)**

(30) 103 58 696.2 **15 Dec/déc 2003 DE (15.12.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR SELECTIVELY BINDING A SUBSTRATE TO SORBENTS BY WAY OF AT LEAST BIVALENT BONDS
• PROCÉDE DE LIAISON SELECTIVE D'UN SUBSTRAT A DES SORBANTS A L'AIDE DE LIAISON AU MOINS BIVALENTES

(71) **INSTRACTION GMBH** [DE/DE]; Donnersbergweg 1, 67059 Ludwigshafen (DE).
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(72, 75) **GOTTSCHALL, Klaus** [DE/DE]; Schulstrasse 18, 68542 Heddeshheim (DE).

(74) **RICKER, Mathias**; Prinzregentenstrasse 11, 80538 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085047** (13) A2

(21) PCT/US2004/008996

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10/396,086 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF N-(METHYL-ARYL)-2-LACTAM, N-(METHYL CYCLOALKYL)-2-LACTAM AND N-ALKYL-2-LACTAM BY REDUCTIVE AMINATION OF LACTONES WITH ARYL AND ALKYL CYANO COMPOUNDS

• PRODUCTION DE N-(METHYL-ARYL)-2-LACTAME, N-(METHYL CYCLOALKYL)-2-LACTAME ET N-ALKYL-2-LACTAME PAR AMINATION REDUCTRICE DE LACTONES AVEC

DES COMPOSES ARYLE ET ALKYL-CYANO

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).

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(72, 75) **MANZER, Leo, Ernest** [US/US]; 714 Burnley Road, Wilmington, Delaware 19803 (US).

(74) **FELTHAM, S., Neil; E. I. DU PONT DE NEMOURS AND COMPANY**, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085048** (13) A2

(21) PCT/US2004/008999

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10/396,087 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF 5-METHYL-N-(METHYL ARYL)-2-PYRROLIDONE, 5-METHYL-N-(METHYL CYCLOALKYL)-2-PYRROLIDONE AND 5-METHYL-N-ALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEUVLINIC ACID ESTERS WITH CYANO COMPOUNDS

• PRODUCTION DE 5-METHYL-N-(METHYL ARYL)-2-PYRROLIDONE, DE 5-METHYL-N-(METHYL CYCLOALKYL)-2-PYRROLIDONE ET DE 5-METHYL-N-ALKYL-2-PYRROLIDONE PAR AMINATION REDUCTIVE D'ESTERS D'ACIDE LEVLINIQUE AVEC DES COMPOSES CYANO

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).

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(72, 75) **MANZER, Leo, Ernest** [US/US]; 714 Burnley Road, Wilmington, Delaware 19803 (US).

(74) **FELTHAM, S., Neil; 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 BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/085049 (13) A2
- (21) PCT/US2004/009449
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/458,252 28 Mar/mar 2003 US (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PREPARATION AND APPLICATION OF ENCODED BEAD AGGREGATES IN COMBINATORIAL CHEMISTRY
- PREPARATION ET APPLICATION D'AGREGATS DE BILLES CODEES EN CHIMIE COMBINATOIRE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office of Technology Transfer, 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAM, Kit, S. [US/US]; 1524 Arena Drive, Davis, CA 95616 (US). MARIK, Jan [CZ/US]; 2323 H Street, Apt. 8A, Sacramento, CA 95816 (US).
- (74) KEZER, William, B. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2/00
- (11) WO 2004/085050 (13) A2
- (21) PCT/EP2004/003104
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) de (26) de
- (30) 103 14 466.8 28 Mar/mar 2003 DE (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR THE PRODUCTION OF POWDERED CONDENSED RESINS
- PROCEDE POUR PRODUIRE DES RESINES CONDENSEES SOUS FORME PULVERULENTE
- (71) BASF AKTIENGESELLSCHAFT [US/US]; 67056 Ludwigshafen (US).
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- (72, 75) SCHMID, Markus [DE/DE]; Tramin-erweg 2, 67146 Deidesheim (DE). HÄHN-LEIN, Marc [DE/DE]; Weiherstrasse 12, 68259 Mannheim (DE). SACK, Heinrich [DE/DE]; Bertha-von-Suttner-Strasse 1, 67454 Hassloch (DE). SCHERR, Gün-ter [DE/DE]; An der Mittagsweide 17, 67065 Ludwigshafen (DE). MARTIN-POR-TUGUES, Marta [ES/DE]; Chr.-Kröw-erath-Strasse 170, 67071 Ludwigshafen (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 8/00
- (11) WO 2004/085051 (13) A1
- (21) PCT/US2004/008445
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/401,663 28 Mar/mar 2003 US (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TOOL FOR LOADING REACTOR TUBES
- OUTIL DESTINE A CHARGER DES REACTEURS
- (71) TUBEMASTER, INC [US/US]; 8008 Vinecrest Avenue, Suite 1, Louisville, KY 40222 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOHNS, Clifford, L [US/US]; 2614 Evergreen Wynde, Louisville, KY 40223 (US). SYMPSON, Daniel, D [US/US]; 2002 Star-mont Road, Louisville, KY 40207 (US).
- (74) CAMORIANO, Theresa, Fritz; Camori-ano and Associates, 8225 Shelbyville Road, Louisville, KY 40222 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B01J 13/02
- (11) WO 2004/085052 (13) A1
- (21) PCT/JP2004/003708
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) ja (26) ja
- (30) 2003-083704 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR PREPARING MICRO-CAPSULE
- FABRICATION D'UNE MICROCAP-SULE
- (71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048315 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAKURA, Yukiko [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). MARUYAMA, Kentarou [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP).
- (74) TAKAHASHI, Fumiko; c/o AJINOMOTO CO., INC. Intellectual Property Depart-ment, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/085053 (13) A1
- (21) PCT/GB2004/001190
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 0306914.3 26 Mar/mar 2003 GB (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • RECOVERY OF COMPONENTS FROM SOLID SUPPORT DEVICES
- RECUPERATION DE COMPOSANTS PROVENANT DE DISPOSITIFS DE SUPPORT SOLIDES

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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

(72, 75) **WILSON, William** [GB/GB]; 36 Bury Park Drive, Bury St Edmunds, Suffolk IP33 2DA (GB). **JONES, Matthew** [GB/US]; 74 Josephine Avenue, Somerville, MA 02144 (US).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/20, 19/18**

(11) **WO 2004/085054** (13) A1

(21) PCT/EP2004/002394

(22) **9 Mar/mar 2004 (09.03.2004)**

(25) de (26) de

(30) 10313762.9 **27 Mar/mar 2003 DE (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING POWDER COATINGS AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE DE PRODUCTION D'UNE PEINTURE EN POUDRE ET DISPOSITIF CORRESPONDANT

(71) **BASF COATINGS AG** [DE/DE]; Glasurit-str. 1, 48165 Münster (DE).

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(72, 75) **JUNG, Werner-Alfons** [DE/DE]; Uhrwerkerstrasse 55, 59387 Ascheberg (DE). **RINK, Heinz-Peter** [DE/DE]; Lo-höfenerweg 44, 48153 Münster (DE). **VENS, Thomas** [DE/DE]; Bahnhofsallee 2, 46432 Velen (DE). **DANNER, Thomas** [DE/DE]; Ostring 112, 67069 Ludwigshafen (DE). **BAYER, Robert** [DE/DE]; Steins-furter Strasse 4, 74889 Sinsheim (DE). **BAUDER, Andreas** [DE/DE]; Geierstrasse 6, 68199 Mannheim (DE). **MOURS, Marian** [DE/DE]; Beethovenstrasse 10, 67256 Weisenheim (DE).

(74) **FITZNER, Uwe**; Lintorfer Str. 10, 40878 Ratingen (DE).

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

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

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(51)⁷ **B01J 23/78, C07C 1/04, 9/00, C10G 2/00**

(11) **WO 2004/085055** (13) A1

(21) PCT/JP2004/003750

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) ja (26) ja

(30) 2003-086024 **26 Mar/mar 2003 JP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CATALYST FOR FISCHER-TROPSCH SYNTHESIS AND PROCESS FOR PRODUCING HYDROCARBON

• CATALYSEUR POUR SYNTHÈSE DE FISCHER-TROPSCH ET PROCÉDE DE PRODUCTION D'UN HYDROCARBURE

(71) **NIPPON OIL CORPORATION** [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 1058412 (JP).

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(72, 75) **AOKI, Nobuo** [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 2310815 (JP).

SEKI, Hiroyuki [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 2310815 (JP). **IKEDA, Masakazu** [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 2310815 (JP).

(74) **MORITA, Nobuyuki**; Watase bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 1050003 (JP).

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

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

(51)⁷ **B01J 23/86, C01B 3/48**

(11) **WO 2004/085056** (13) A1

(21) PCT/JP2003/009619

(22) **29 Jul/juil 2003 (29.07.2003)**

(25) ja (26) ja

(30) 2003-81328 **24 Mar/mar 2003 JP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CARBON MONOXIDE REFORMING CATALYST COMPOSITION

• COMPOSITION DE CATALYSE REFORMANT UN MONOXYDE DE CARBONE

(71) **KYUSHU ELECTRIC POWER CO., INC.** [JP/JP]; 1-82, Watanabe-dori 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0004 (JP).

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(72, 75) **UCHIDA, Yoshitaka** [JP/JP]; c/o Research Laboratory, KYUSHU ELECTRIC POWER CO., INC., 1-47, Shiobaru 2-chome, Minami-ku, Fukuoka, Fukuoka 815-8520 (JP). **TSUJIMOTO, Keigo** [JP/JP]; c/o Research Laboratory, KYUSHU ELECTRIC POWER CO., INC., 1-47, Shiobaru 2-chome, Minami-ku, Fukuoka, Fukuoka 815-8520 (JP).

(74) **KOHORI, Susumu** et al. / etc.; Hakata-Shin-Mitsui Bldg., 1-1, Hakataeki-mae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/08, C01B 39/24**

(11) **WO 2004/085057** (13) A1

(21) PCT/CN2004/000261

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) zh (26) zh

(30) 03121159.3 **28 Mar/mar 2003 CN (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • Y ZEOLITE-CONTAINING COMPOSITE MATERIAL AND THE PREPARATION METHOD THEREOF

• MATERIAU COMPOSITE CONTENANT DE LA ZEOLITE Y ET SON PROCÉDE DE PRÉPARATION

(71) **CHINA PETROLEUM & CHEMICAL CORPORATION** [CN/CN]; 6A, Huixin Dong Street, Chaoyang District, Beijing 100029 (CN). **RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC** [CN/CN]; 18 Xueyuan Road, Haidian District, Beijing 100083 (CN).

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(72) **ZHOU, Jihong**; 18 Xueyuan Road, Haidian District, Beijing 100083 (CN). **MIN, Enze**; 18 Xueyuan Road, Haidian District, Beijing 100083 (CN). **YANG, Haiying**; 18 Xueyuan Road, Haidian District, Beijing 100083 (CN). **ZONG, Baoning**; 18 Xueyuan Road, Haidian District, Beijing 100083 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/02, 31/28, C07C 29/143, 209/52

(11) WO 2004/085058 (13) A1

(21) PCT/IB2004/000900

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/457,791 26 Mar/mar 2003 US (26.03.2003)

(30) 60/458,035 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS TO PRODUCE ENANTIOMERICALLY ENRICHED ALCOHOLS AND AMINES

• PROCÉDE POUR PRODUIRE DES ALCOOLS ET DES AMINES ENANTIOMÉRIQUEMENT ENRICHIES

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(72, 75) TANIS, Steven, Paul [US/US]; Pfizer Inc., 10777 Science Center Drive, San Diego, CA 92121 (US). EVANS, Bruce, Roy [US/US]; 333 Fallen Leaf Lane, Holland, MI 49424 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 39/20

(11) WO 2004/085059 (13) A1

(21) PCT/JP2004/004208

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-084351 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCING HONEY-COMB CATALYST

• PROCÉDE DE PRODUCTION D'UN CATALYSEUR EN NID D'ABEILLE

(71) NGK INSULATORS LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).

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

(72, 75) MUROI, Yumi [JP/JP] WATANABE, Atsushi [JP/JP]

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01J 37/00

(11) WO 2004/085060 (13) A1

(21) PCT/KR2004/000600

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ko (26) en

(30) 10-2003-0018917 26 Mar/mar 2003 KR (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PREPARING CATALYSTS FOR PARTIAL OXIDATION OF PROPYLENE AND ISO-BUTYLENE

• PROCÉDE DE PRÉPARATION DE CATALYSEURS POUR L'OXYDATION PARTIELLE DE PROPYLENE ET D'ISOBUTYLENE

(71) LG CHEM LTD. [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, Seoul 150-721 (KR).

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

(72, 75) KANG, Jung-Hwa [KR/KR]; 11-905 Gyeongnam apt., Banpo 2-dong, Seocho-gu, Seoul 137-765 (KR). LEE, Won-Ho [KR/KR]; 112-1005 Gangbyeon apt., Manbyeon-dong, Seo-gu, Daejeon-city 302-741 (KR). KIL, Min-Ho [KR/KR]; 106-401 Samsung apt., Munheyon-dong, Nam-gu, Busan-city 608-043 (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01J 37/02

(11) WO 2004/085061 (13) A1

(21) PCT/CA2004/000429

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/395,485 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ACTIVE COATING SYSTEM FOR REDUCING OR ELIMINATING COKE BUILD-UP DURING PETROCHEMICAL PROCESSES

• SYSTÈME DE REVÊTEMENT ACTIF PERMETTANT DE RÉDUIRE OU D'ÉLIMINER L'ACCUMULATION DE COKE LORS DE PROCESSUS PETROCHIMIQUES

(71) SULZER METCO (CANADA) INC. [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA).

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(72, 75) TZATZOV, Konstatin, K. [CA/CA]; 453 Eastbridge Blvd., Waterloo, Ontario N2K 3Y4 (CA). HUSSAIN, Syed [PK/CA]; 4519-27 Avenue, Edmonton, Alberta T6L 3X3 (CA). HAJMRLE, Karel [CA/CA]; 304, 3431-139 Avenue, Edmonton, Alberta T5Y 1Z4 (CA).

(74) MCMANUS, Kimberly, A. et al. / etc.; Sim & McBurney, 330 University Avenue, Sixth Floor, Toronto, Ontario M5G 1R7 (CA).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 38/50, 38/56, 29/90, C07C 2/66, 6/00

(11) WO 2004/085062 (13) A1

(21) PCT/US2004/008370

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,084 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF ALKYL AROMATIC COMPOUNDS WITH CATALYST REACTIVATION

- PRODUCTION DE COMPOSES AROMATIQUES ALKYLISQUES AVEC REACTIVATION DES CATALYSEURS

(71) **STONE & WEBSTER, INC.** [US/US]; 1430 Enclave Parkway, Houston, TX 77077-2023 (US).

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

(72) **HWANG, Shyh-Yuan, Henry**; 31 Tirrell Crescent, Newton, MA 02139 (US). **MUKADDAM, Waheed, A.**; 72 Pleasant Street, Cambridge, MA 02139 (US). **DEMERS, Francis, A.**; P.O. Box 686, Squam Lakes Road, Holderness, NH 03245 (US). **JOHNSON, Dana**; 13 Whirly Circle, Hopkinton, MA 01748 (US).

(74) **CLEMENT, Alan, B.**; Hedman & Costigan, P.C., 1185 Avenue of the Americas, New York, NY 10036 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/456,019 19 Mar/mar 2003 US (19.03.2003)

(30) 10/802,667 16 Mar/mar 2004 US (16.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTEGRATED CAPACITIVE MICROFLUIDIC SENSORS METHOD AND APPARATUS

- PROCEDE ET APPAREIL A CAPTEURS MICROFLUIDIQUES CAPACITATIFS INTEGRES

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Blvd., MC 201-85, Pasadena, CA 91125 (US).

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(72, 75) **XIE, Jun** [CN/US]; 1036 East Del Mar Boulevard, Apartment 101, Pasadena, CA 91106 (US). **SHIH, Jason** [US/US]; 20420 Via Cadiz, Yorba Linda, CA 92886 (US). **TAI, Yu-Chong** [US/US]; 3191 East California Boulevard, Pasadena, CA 91107 (US).

(74) **MAO, Daniel et al.** / etc.; Townsend and Townsend and Crew, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

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

(51)⁷ B01L 3/02

(11) WO 2004/085064 (13) A2

(21) PCT/US2003/028190

(22) 10 Sep/sep 2003 (10.09.2003)

(25) en (26) en

(30) 10/271,250 15 Oct/oct 2002 US (15.10.2002)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND APPARATA FOR PRECISELY DISPENSING MICROVOLUMES OF FLUIDS

- PROCEDES ET APPAREILS DE DISTRIBUTION PRECISE DE MICROVOLUMES DE LIQUIDES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705-7365 (US).

(72) **LAGALLY, Max, G.**; 5110 Juneau Road, Madison, WI 53705 (US). **LAL, Amit**; 610 The Parkway, Ithica, NY 14850 (US). **LEE, Chung, Hoon**; 700 Warren Road, Apt. 25-3B, Ithica, NY 14850 (US). **LARSON, Bradley, J.**; 2310 University Avenue, Apt. 89, Madison, WI 53705 (US).

(74) **FIESCHKO, Craig, A. et al.** / etc.; DeWitt Ross & Stevens S.C., 8000 Excelsior Drive, Madison, WI 53717-1914 (US).

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

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

(51)⁷ B01L 7/00, G01N 35/00

(11) WO 2004/085065 (13) A1

(21) PCT/GB2004/000963

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 0306768.3 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF POLYMERASE CHAIN REACTION AND APPARATUS FOR CONDUCTING THE SAME

- METHODE DE REACTION DE POLYMERASE EN CHAÎNE ET SON APPAREIL D'EXECUTION

(71) **PA KNOWLEDGE LIMITED**; Ugland House, South Church Street, George Town, Grand Cayman, Cayman Islands (KY). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUDECK, Thomas** [DE/GB]; 14 Port Hill, Hertford SG14 3EP (GB). **WESTLAND, Duncan, James** [GB/GB]; 30 Plumian Way, Balsham, Cambridge CB1 6EG (GB). **OWEN, Richard, Harley, Grenville** [GB/GB]; 1 The Paddocks, Hilton, Huntingdon, Cambridgeshire PE28 9QT (GB).

(74) **SMITH, Samuel, Leonard 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01L 9/02

(11) WO 2004/085066 (13) A1

(21) PCT/CH2004/000154

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 522/03 26 Mar/mar 2003 CH (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LABORATORY EQUIPMENT HAVING DRAIN GROOVES ON A WORKTOP

- DISPOSITIF DE LABORATOIRE POURVU DE RAINURES D'ECOULEMENT SUR UN PLAN DE TRAVAIL

(71, 72) **MAETZKE, Thomas** [CH/CH]; Wilhelm Haas-Weg 12, CH-4142 Münchenstein (CH).

(74) **ABATRON-PATENTBÜRO AG**; Altstetterstrasse 224, CH-8048 Zürich (CH).

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

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

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

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(51)⁷ B02B 5/02, G02B 5/04, 3/08

(11) WO 2004/085067 (13) A1

(21) PCT/JP2004/004202

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-082693 25 Mar/mar 2003 JP (25.03.2003)

(30) 2003-119588 24 Apr/avr 2003 JP (24.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIFFUSION SHEET, TRANSMISSION SCREEN HAVING THE SAME, DIFFUSION SHEET MOLD MAKING METHOD AND DIFFUSION SHEET PRODUCING METHOD

• FEUILLE DE DIFFUSION, ECRAN DE TRANSMISSION L'UTILISANT, MOULE POUR FEUILLE DE DIFFUSION ET PROCEDE DE PRODUCTION DE FEUILLES DE DIFFUSION

(71) DAI NIPPON PRINTING CO. LTD. [JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KATSURA, Yuki [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP). GOTO, Masahiro [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B02C 1/04, 23/04

(11) WO 2004/085068 (13) A1

(21) PCT/FI2004/000124

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 20030465 28 Mar/mar 2003 FI (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF MONITORING THE STRESSES AND POSITION OF A TOGGLE PLATE IN A JAW CRUSHER AND A JAW CRUSHER

• PROCEDE DE CONTROLE DES CONTRAINTES ET DE LA POSITION D'UN SUPPORT D'ARTICULATION DANS UN CONCASSEUR A MACHOIRES ET CONCASSEUR A MACHOIRES

(71) METSO MINERALS (TAMPERE) OY [FI/FI]; P.O. Box 306, Tampere FI-33101 (FI).

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(72, 75) VESAMÄKI, Kimmo, Kalevi [FI/FI]; Tavelantie 20, Kangasala FI-36200 (FI). SUOMINEN, Jouko, Juhani [FI/FI]; Atomikatu 6 A 19, Tampere FI-33720 (FI).

(74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, Helsinki FI-00120 (FI).

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

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

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(21) PCT/JP2004/004231

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-86292 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWDER PARTICLE DISINTEGRATING AND SIZING APPARATUS

• APPAREIL DESINTEGRETEUR ET CALIBREUR DE PARTICULES PULVERULENTES

(71) NARA MACHINERY CO., LTD. [JP/JP]; 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP).

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(72, 75) NARA, Yorioki [JP/JP]; c/o Nara Machinery Co., Ltd., 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP). HANADA, Yoshinori [JP/JP]; c/o Nara Machinery Co., Ltd., 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP). HAMADA, Kenji [JP/JP]; c/o Nara Machinery Co., Ltd., 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP). WAKAMATSU, Yoshihiro [JP/JP]; c/o Nara Machinery Co., Ltd., 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP). YAMAMOTO, Shinichi [JP/JP]; c/o Nara Machinery Co., Ltd., 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP). NAKAHARA, Yuko [JP/JP]; c/o Nara Machinery Co., Ltd., 5-7, Jonanjima 2-chome, Ota-ku, Tokyo 143-0002 (JP).

(74) IWANE, Masatoshi; 6F, Tamura Bldg., 1-1, Kandaawaji-cho, Chiyoda-ku, Tokyo 101-0063 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/14, G01B 7/14, D21D 1/30

(11) WO 2004/085070 (13) A1

(21) PCT/SE2004/000339

(22) 9 Mar/mar 2004 (09.03.2004)

(25) sv

(26) en

(30) 0300794-5 24 Mar/mar 2003 SE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND A SENSOR DEVICE FOR MEASURING THE DISTANCE BETWEEN A STATOR AND AN OPPOSING ROTOR

• PROCEDE ET DISPOSITIF DE MESURE DE DISTANCES

(71) DAPROX AB [SE/SE]; P.O. Box 120, S-127 23 Skärholmen (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ÅKERBLOM, Bengt [SE/SE]; Vårby Allé 23, S-143 40 Vårby (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B02C 21/02

(11) WO 2004/085071 (13) A1

(21) PCT/AU2003/000391

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en

(26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A CRUSHING PLANT

• INSTALLATION DE BROUAGE

(71) **WIELAND INVESTMENTS PTY LTD** [AU/AU]; 10 Squill Place, Arndell Park, New South Wales 2148 (AU).
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(72, 75) **WIELAND, Stuart, Mitchell** [AU/AU]; 17 Mansfield Street, Glebe, New South Wales 2037 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, New South Wales 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).

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(51)⁷ **B04B**

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(21) PCT/EP2004/003113

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(25) de (26) de

(30) 103 12 966.9 **24 Mar/mar 2003 DE (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **MACHINE FRAME FOR A CENTRIFUGE**

• **BATI POUR UNE CENTRIFUGEUSE**

(71) **HANS HUBER AG MASCHINEN- UND ANLAGENBAU** [DE/DE]; Industriepark Erasbach A1, 92334 Berching (DE).
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(72, 75) **HAUSDORF, Rainer** [DE/DE]; Ziegeleiweg 6, 51149 Köln (DE).
MICHELSSEN, Jan [DK/GB]; Garden Cottage Cefndyrys, Llanellwedd Powys LD2 3TF (GB).

(74) **BERGMEIER, Werner**; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **B05B**

(11) **WO 2004/085073** (13) A2

(21) PCT/FR2004/000604

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) fr (26) fr

(30) 03/03532 **24 Mar/mar 2003 FR (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **SPRAY NOZZLE FOR OVERHEATED LIQUID**

• **BUSE DE PULVERISATION DE LIQUIDE SURCHAUFFE**

(71, 72) **HAIUN, Joseph** [FR/FR]; 79-81, route de la Reine, F-92100 Boulogne (FR).

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

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

(51)⁷ **B05B**

(11) **WO 2004/085074** (13) A2

(21) PCT/US2004/008870

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/456,315 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **FLUID DISPENSING DEVICE**

• **DISPOSITIF DISTRIBUTEUR DE FLUIDE**

(71) **THE TESTOR CORPORATION** [US/US]; 620 Buckbee Street, Rockford, IL 61104 (US).

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

(72, 75) **RANGASWAMY, G., Iyengar** [IN/US]; 576 Sheridan Road, Highland Park, IL 60035 (US). **MORRISON, Adam** [GB/US]; 9621 Ridgeview Road, Belvedere, IL 61009 (US).

(74) **NAUMAN, Timothy, E. et al.** / etc.; Fay, Sharpe, Fagan, Minnich & McKee LLP, 1100 Superior Avenue, 7th Floor, Cleveland, OH 44114-2579 (US).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/00, 15/06**

(11) **WO 2004/085075** (13) A1

(21) PCT/EP2004/001399

(22) **14 Feb/fév 2004 (14.02.2004)**

(25) de (26) de

(30) 103 14 022.0 **28 Mar/mar 2003 DE (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **SPRAY HEAD FOR HIGH-PRESSURE ABRASIVE BLASTING APPLICATIONS**

• **TETE DE PULVERISATION POUR APPLICATIONS DE PULVERISATION A JET HAUTE PRESSION**

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OBERSCHIEDT, Martin** [DE/DE]; Martinstrasse 8, 59320 Ennigerloh (DE).
SCHILLING, Deszoe [DE/DE]; Schaecherstrasse 73, 71282 Hemmingen (DE).

(74) **NÄRGER, Ulrike et al.** / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/02, 1/04, B05C 17/00, B65D 51/24, 83/28, 83/30**

(11) **WO 2004/085076** (13) A1

(21) PCT/AU2004/000367

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 2003901401 **27 Mar/mar 2003 AU (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **AEROSOL NOZZLE ADAPTOR**

• **ADAPTATEUR POUR BUSETTE D'AEROSOL**

(71) **ACA PRODUCTS PTY LTD** [AU/AU]; 27 Tingira Crescent, Sunrise Beach, Queensland 4567 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMYTH, David, William** [AU/AU]; 6 Dalpura Street, Buddina Beach, Queensland 4575 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(21) PCT/IL2004/000269

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 155053 24 Mar/mar 2003 IL (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REVOLVING SPRINKLER
• ASPERSEUR TOURNANT

(71) PLASTRO IRRIGATION A.C.S LTD. [IL/IL]; Mobile Post a'amakim, 30050 Kibbutz Gvat (IL).

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

(72, 75) LUTZKI, Moshe [IL/IL]; Mobile Post a'amakim, 30050 Kibbutz Gvat (IL).

(74) EITAN PEARL LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, Herzlia 46725 (IL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 5/025

(11) WO 2004/085078 (13) A1

(21) PCT/JP2004/003803

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-087882 27 Mar/mar 2003 JP (27.03.2003)

(30) 2003-399464 28 Nov/nov 2003 JP (28.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROSTATIC COATING SPRAY GUN

• PISTOLET DE PULVERISATION DE REVETEMENT ELECTROSTATIQUE

(71) ASAHI SUNAC CORPORATION [JP/JP]; 5050, Shindenbora, Asahimae-cho, Owari-asahi-shi, Aichi 4888688 (JP).

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

(72, 75) AMARI, Masahiko [JP/JP]; 1-624-1, Tokugawa, Higashi-ku, Nagoya-shi, Aichi 4610025 (JP). MURATA, Masami [JP/JP]; 3-87, Kiyozumi-cho, Chikusa-ku, Nagoya-shi, Aichi 4640034 (JP). SOGAWA, Takuo [JP/JP]; 3-66-1, Jojo-cho, Kasugai-shi, Aichi 4860833 (JP).

(74) SATO, Tuiyoshi; Nagoya Aoba Seimei Building 6-15, Sakae 4-chome, Naka-ku, Nagoya-shi, Aichi 4600008 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/06

(11) WO 2004/085079 (13) A1

(21) PCT/EP2004/002833

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 0307055.4 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SPRAY GENERATION USING A VIBRATING SURFACE

• PRODUCTION D'AEROSOL A PARTIR D'UNE SURFACE VIBRANTE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG 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 SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai, 400 020 (IN).

(only for / seulement pour IN)

(72, 75) AVAL, Sattar, Motedayen [IR/GB]; University of Manchester, Institute of Science and Technology, PO Box 88, Sackville Street, Manchester, Greater Manchester M60 1QD (GB). KUTAY, Susan, Michelle [CA/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). YULE, Andrew, John [GB/GB]; University of Manchester, Institute of Science and Technology, PO Box 88, Sackville Street, Manchester, Greater Manchester M60 1QD (GB).

(74) ELLIOTT, Peter et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/06, 3/10, 5/04, B05D 1/02

(11) WO 2004/085080 (13) A1

(21) PCT/JP2004/004122

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-88586 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COATING METHOD AND COATING MACHINE
• PROCÉDE ET MACHINE DE REVETEMENT

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). RANSBURG INDUSTRIAL FINISHING K.K. [JP/JP]; 15-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP). (only for / seulement pour JP)

(72) TANI, Shinji; c/o Toyota Jidosha Kabushiki, Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). SAKAKIBARA, Masahito; c/o Toyota Jidosha Kabushiki, Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). MITSUI, Michio; c/o Ransburg Industrial, Finishing K.K., 15-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP). KOBAYASHI, Hiroshi; c/o Ransburg Industrial, Finishing K.K., 15-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP). NAGAI, Kimiyoshi; c/o Ransburg Industrial, Finishing K.K., 15-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).

(74) KOZU, Takako et al. / etc.; c/o Hirai & Kozu, 41-2-111, Senju Akebonocho, Adachi-ku, Tokyo 120-0023 (JP).

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

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

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

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(51)⁷ B05D 1/28, 7/14, 7/24, B05C 1/02, B05B 12/00

(11) WO 2004/085081 (13) A1

(21) PCT/JP2004/004275

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-088285 27 Mar/mar 2003 JP
(27.03.2003)

(30) 2003-091543 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-111988 16 Apr/avr 2003 JP
(16.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD OF APPLYING PROTECTIVE LAYER FORMING MATERIAL
• PROCEDE D'APPLICATION D'UNE MATIERE FORMANT UNE COUCHE PROTECTRICE

(71) HONDA MOTOR CO., LTD. [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) NAGASE, Bansei [JP/JP]; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Seisakusho, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). TOKONAMI, Hidehiko [JP/JP]; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Seisakusho, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). OKUBO, Hiromi [JP/JP]; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Seisakusho, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). IMAMURA, Hitoshi [JP/JP]; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Seisakusho, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/32, B05B 13/04, 1/14

(11) WO 2004/085082 (13) A1

(21) PCT/JP2004/004329

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-088960 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • COATING METHOD AND SYSTEM FOR FORMING PROTECTIVE LAYER
• METHODE ET SYSTEME DE REVETEMENT POUR FORMER UNE COUCHE PROTECTRICE

(71) HONDA MOTOR CO. LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGASE, Bansei [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, SAITAMA SEISAKUSHO, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama, 3501392 (JP). SAKURAI, Akira [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, SAITAMA SEISAKUSHO, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama, 3501392 (JP).

(74) CHIBA, Yoshihiro et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo, 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B09B 3/00

(11) WO 2004/085083 (13) A1

(21) PCT/EP2004/002819

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 13 967.2 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR THE DISPOSAL OF WASTE PRODUCTS IN THE FORM OF DUST AND/OR PARTICLES
• PROCEDE D'ELIMINATION DE DECHETS SOUS FORME DE POUSSIERES OU DE PARTICULES

(71) THERMOSELECT AG [LI/LI]; Meierhofstrasse 2, LI-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KISS, Günther, H. [DE/CH]; Via Rivaiana, 18, CH-6648 Minusio (CH).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 80336 München (DE).

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

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

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(51)⁷ B21B 1/22

(11) WO 2004/085084 (13) A1

(21) PCT/EP2004/002973

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 13 502.2 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ROLLED PRODUCT, METHOD AND DEVICE FOR THE PRODUCTION THEREOF, AND USE OF THE SAME
• PRODUIT LAMINE, PROCEDE ET DISPOSITIF POUR SA FABRICATION, ET UTILISATION DE CE PRODUIT LAMINE

(71) ALCAN TECHNOLOGY & MANAGEMENT LTD. [CH/CH]; Badische Bahnhofstrasse 16, CH-8212 Neuhausen am Rheinfall (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGNER, Helmut [DE/DE]; Am Mühlstetter Graben 15d, 82178 Puchheim (DE). FUCHS, Roman [DE/CH]; Säntisweg 11, CH-8212 Neuhausen am Rheinfall (CH). RÖHRER, Thomas [DE/DE]; Hewenstrasse 12, 78234 Engen (DE).

(74) ALCAN TECHNOLOGY & MANAGEMENT LTD.; Badische Bahnhofstrasse 16, CH-8212 Neuhausen am Rheinfall (CH).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 **B21B 15/00, 37/56, 37/68, B21D 1/05,
11/12, 13/04, 43/28, B23D 15/04, 17/00,
23/00, 23/02, B26D 1/04**

(11) **WO 2004/085085** (13) A1

(21) PCT/AU2004/000366

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 2003901436 **27 Mar/mar 2003 AU
(27.03.2003)**

(30) 2003901783 **15 Apr/avr 2003 AU
(15.04.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FORMING APPARATUS FOR PRE-
CAMBERED METAL SECTIONS

• APPAREIL DE FORMAGE POUR SEC-
TIONS METALLIQUES PREBOMBÉES

(71) **BLUESCOPE STEEL LIMITED**
[AU/AU]; 120 Collins Street, Melbourne,
Victoria 3000 (AU).

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

(72, 75) **WHITE, Merrick** [AU/AU]; 14 York-
shire Street, Blackburn, Victoria 3130 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Syd-
ney, New South Wales 2001 (AU).

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

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

(51)⁷ **B21B 17/02, 23/00**

(11) **WO 2004/085086** (13) A1

(21) PCT/JP2004/004193

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-086073 **26 Mar/mar 2003 JP
(26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF MANUFACTURING
SEAMLESS TUBE

• PROCEDE DE FABRICATION D'UN
TUBE SANS SOUDURE

(71) **SUMITOMO METAL INDUSTRIES,
LTD.** [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 5410041 (JP).

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

(72, 75) **IWAMOTO, Hiroyuki** [JP/JP]; c/o
Sumitomo Metal Industries, Ltd., 5-33, Kita-
hama 4-chome, Chuo-ku, Osaka-shi, Osaka
5410041 (JP). **YAMANE, Akihito** [JP/JP];
c/o Sumitomo Metal Industries, Ltd., 5-33,
Kitahama 4-chome, Chuo-ku, Osaka-shi, Os-
aka 5410041 (JP). **EGOSHI, Tooru** [JP/JP];
c/o Sumitomo Metal Industries, Ltd., 5-33,
Kitahama 4-chome, Chuo-ku, Osaka-shi, Os-
aka 5410041 (JP). **SASAKI, Kenichi** [JP/JP];
c/o Sumitomo Metal Industries, Ltd., 5-33,
Kitahama 4-chome, Chuo-ku, Osaka-shi,
Osaka 5410041 (JP).

(74) **HIROSE, Shoichi**; Tozan Building, 4-2, Ni-
honbashi Honcho 4-chome, Chuo-ku, Tokyo
1030023 (JP).

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

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

(51)⁷ **B21B 37/00, 38/00**

(11) **WO 2004/085087** (13) A2

(21) PCT/IN2004/000070

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 188/KOL/03 **28 Mar/mar 2003 IN
(28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SYSTEM AND METHOD FOR
ON-LINE PROPERTY PREDICTION
FOR HOT ROLLED COIL IN A HOT
STRIP MILL

• SYSTEME ET PROCEDE DE PREDIC-
TION EN LIGNE DE PROPRIETES
DE BOBINE LAMINEE A CHAUD DE
TRAIN A BANDES CHAUD

(71) **THE TATA IRON AND STEEL COM-
PANY LIMITED** [IN/IN]; RESEARCH
AND DEVELOPMENT AND SCIENTIFIC
SERVICES, Jamshedpur 831 001 (IN).

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

(72) **MUKHOPADHYAY, Ananya**; The Tata
Iron And Steel Company Limited, Re-
search & Development & Scientific Services,
Jamshedpur 831 001 (IN).

(74) **DAVAR, G., S. et al.** / etc.; L.S. Davar & Co.,
"Monalisa", Flats 1B & 1C, 17 Camac Street,
Kolkata 700 017 (IN).

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

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

(51)⁷ **B21C 23/00, 25/02**

(11) **WO 2004/085088** (13) A1

(21) PCT/JP2004/003712

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) ja (26) ja

(30) 2003-080141 **24 Mar/mar 2003 JP
(24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR MANU-
FACTURING EXTRUDED MATERIAL
• PROCEDE ET DISPOSITIF
D'EXTRUSION

(71) **YKK CORPORATION** [JP/JP]; 1,
Kandaizumi-cho, Chiyoda-ku, Tokyo
1018642 (JP).

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

(71, 72) **HIGASHI, Kenji** [JP/JP]; 3-4-9,
Teraikedai, Tondabayashi-shi, Osaka
5840073 (JP).

(72, 75) **KITA, Kazuhiko** [JP/JP]; 3-18-8,
Yagiyaaminami, Taihaku-ku, Sendai-shi,
Miyagi 9320807 (JP). **SAITO, Koji** [JP/JP];
1-11, Shiwa-machi, Wakabayashi-ku,
Sendai-shi, Miyagi 9840041 (JP). **NA-
GAHORA, Junichi** [JP/JP]; 12-9-3, Shogen,
Izumi-ku, Sendai-shi, Miyagi 9813132 (JP).

(74) **SAKAI, Masami et al.** / etc.; Akasaka Office
Heights, 13-5, Akasaka 4-chome, Minato-ku,
Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085089** (13) A2

(21) PCT/US2004/008952

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/456,676 **24 Mar/mar 2003 US
(24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPRESSOR ASSEMBLY FOR AD-
HERING A SANITARY MEMBER TO
A CAN LID AND METHOD OF IM-
PRESSING

- ENSEMBLE PRESSE PERMETTANT DE FAIRE ADHERER UN ELEMENT D'ASEPSIE SUR LE COUVERCLE D'UNE BOITE ET PROCEDE D'ESTAMPAGE
- (71) **ST. JOHN, Cali** [US/US]; 800 West Avenue, Suite 512, Miami Beach, FL 33139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (74) **GITTEN, Howard, M.** et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B21D 53/10, F16C 33/20**
- (11) **WO 2004/085090** (13) A1
- (21) PCT/GB2004/000408
- (22) **3 Feb/fév 2004 (03.02.2004)**
- (25) en (26) en
- (30) 0307120.6 **27 Mar/mar 2003 GB (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A BUSH AND METHOD OF MANUFACTURING A BUSH
• BAGUE ET PROCEDE DE FABRICATION
- (71) **MINEBEA CO LTD.** [JP/JP]; 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHORE, David** [GB/GB]; 55 Lincoln Road, Dunholme, Lincoln, LN2 3QU (GB).
BENNETT, Chris [GB/GB]; 8 Preston Road, Newark, Notts NG24 2GE (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 53/88, B60J 5/04**
- (11) **WO 2004/085091** (13) A1
- (21) PCT/IB2004/050349
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 10/402,462 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LOW-PROFILE HIGH-STRENGTH VEHICLE DOOR BEAM
• RENFORT DE PORTIERE A RESISTANCE ELEVEE ET A PROFIL BAS POUR VEHICULE
- (71) **SHAPE CORPORATION** [US/US]; 1900 Hayes Street, Grand Haven, MI 49417 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUILES, Melvin, J.** [US/US]; 9511 Lakeshore Drive, West Olive, MI 49460 (US).
- (74) **BURPEE, Charles, E.** et al. / etc.; Warner Norcross & Judd LLP, 900 Fifth Third Center, 111 Lyon Street, N.W., Grand Rapids, MI 49503-2487 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 **B21F 27/10, 27/20**
- (11) **WO 2004/085092** (13) A1
- (21) PCT/IB2004/000881
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) UD2003A000072 **28 Mar/mar 2003 IT (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MACHINE AND RELATIVE METHOD TO MAKE METAL NETS
• MACHINE ET PROCEDE CORRESPONDANT POUR FABRIQUER DES TREILLIS METALLIQUES
- (71) **M.E.P. MACCHINE ELETTRONICHE PIEGATRICE SPA** [IT/IT]; Via Leonardo da Vinci, 20, I-33010 Reana del Rojale (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEL FABRO, Giorgio** [IT/IT]; Via Belvedere, 8, I-33019 Tricesimo (IT).
DEL FABRO, Marcello [IT/IT]; Via Chiavris, 20, I-33010 Tavagnacco (IT).
- (74) **PETRAZ, Gilberto;** GLP Srl, Piazzale Cavedalis, 6/2, I-33100 Udine (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 **B21H 3/02, 3/04, 3/06**
- (11) **WO 2004/085093** (13) A1
- (21) PCT/JP2004/003788
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) ja (26) ja
- (30) 2003-081247 **24 Mar/mar 2003 JP (24.03.2003)**
- (30) 2003-352624 **10 Oct/oct 2003 JP (10.10.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR MANUFACTURING BOLT, SCREW ROLLING DIE USED THEREFOR, AND MULTIPLE SCREW BOLT
• PROCEDE ET DISPOSITIF DE FABRICATION DE BOULON, FILIERE DE LAMINAGE DE VIS ASSOCIEE, ET BOULON A VIS MULTIPLES
- (71) **KYUSHU TLO COMPANY LIMITED** [JP/JP]; 10-1, Hakozaiki 6-chome, Higashi-ku, Fukuoka-shi, Fukuoka 8128581 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKEMASU, Teruie** [JP/JP]; 3-28-5-303, Minamisho, Sawara-ku, Fukuoka-shi, Fukuoka 8140031 (JP).
MIYAHARA, Hiroshi [JP/JP]; 4-37-12, Takamidai, Higashi-ku, Fukuoka-shi, Fukuoka 8110215 (JP).
- (74) **KATO, Hisashi;** Room 1102, Asaco-Hakata Bldg., 11-5, Hakataekihigashi 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 8120013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B21J**
- (11) **WO 2004/085094** (13) A2
- (21) PCT/US2004/008067
- (22) **18 Mar/mar 2004 (18.03.2004)**

- (25) en (26) en
- (30) 60/455,966 **19 Mar/mar 2003** US
(19.03.2003)
- (30) 10/778,660 **12 Feb/fév 2004** US
(12.02.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TUBE BENDER WITH ADJUSTABLE MECHANICAL STOP
- CINTREUSE POUR TUBE A BUTEE MECANIQUE AJUSTABLE
- (71, 72) **HOPWOOD, Gregory, B.** [US/US]; 1743 Snyder Corner Road, Windsor, PA 17366 (US).
- (74) **MAENNER, Joseph, E.**; Monte & McGraw, P.C., 4092 Skippack Pike, PO Box 650, Skip-pack, PA 19474 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B21J 15/02, F16B 19/08**
- (11) **WO 2004/085095** (13) A1
- (21) PCT/GB2004/001157
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) en (26) en
- (30) 081194 **24 Mar/mar 2003** TH
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR JOINING A SIDE IRON PLATE WITH A IRON SHUTTER PLATE AND CYLINDRICAL PIN FOR FASTENING PLATE MATERIAL
- PROCEDE D'ASSEMBLAGE D'UNE PLAQUE DE FER LATÉRALE ET UNE PLAQUE DE VOLET EN FER ET GOUPILLE CYLINDRIQUE POUR L'ATTACHE DE MATERIAU EN PLAQUE
- (71) **PHANDHARAKRAJADEJ, Sasiwimol** [TH/GB]; 15 Alex Gossip House, Basuto Road, London SW6 4AR (GB).
(only for / seulement pour IS)
- (71, 72) **NGAMTANAKIJA, Akadech** [TH/TH]; 7/28 Mu 2 Phetkasem Road, Soi 112, Nongkham, Bangkok 10160 (TH).
- (74) **BUTCHER, Ian, J.** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ **B22D 11/04, 11/00, 11/116, 11/16, 11/126, C22C 21/04, B21C 1/00**(11) **WO 2004/085096** (13) A1

(21) PCT/JP2004/004289

(22) **26 Mar/mar 2004 (26.03.2004)**

- (25) en (26) en
- (30) 2003-086506 **26 Mar/mar 2003** JP
(26.03.2003)
- (30) 2003-095544 **31 Mar/mar 2003** JP
(31.03.2003)
- (30) 60/459,617 **3 Apr/avr 2003** US
(03.04.2003)
- (30) 60/460,823 **8 Apr/avr 2003** US
(08.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • HORIZONTALLY CONTINUOUSLY CAST ROD OF ALUMINUM ALLOY AND METHOD AND EQUIPMENT FOR PRODUCING THE ROD.

- TIGES D'ALLIAGE D'ALUMINIUM COULEES HORIZONTALEMENT EN CONTINU, PROCEDE ET APPAREILS DE FABRICATION ASSOCIES

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

- (72, 75) **ODASHIMA, Yasuhide** [JP/JP]; c/o Showa Denko K.K., 7840, Nagauchi, Kitakata-shi, Fukushima 966-0845 (JP). **FUJII, Satoshi** [JP/JP]; c/o Showa Denko K.K., 7840, Nagauchi, Kitakata-shi, Fukushima 966-0845 (JP). **YANAGIMOTO, Shigeru** [JP/JP]; c/o Showa Denko K.K., 7840, Nagauchi, Kitakata-shi, Fukushima 966-0845 (JP).

- (74) **FUKUDA, Kenzo** et al. / etc.; Kashiwaya Bldg, 6-13, Nishishimbashi, 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

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

(51)⁷ **B22D 25/02, B02C 17/20**(11) **WO 2004/085097** (13) A1

(21) PCT/EP2004/002462

(22) **10 Mar/mar 2004 (10.03.2004)**

- (25) de (26) de
- (30) 03006652.6 **25 Mar/mar 2003** EP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR PRODUCING HOLLOW GRINDING BODIES AND GRINDING BODIES SO PRODUCED

- PROCEDE DE FABRICATION D'ELEMENTS BROyeurs CREUX ET ELEMENTS BROyeurs AINSI FABRIQUES

- (71) **CLAUDIUS PETERS TECHNOLOGIES GMBH** [DE/DE]; Schanzenstrasse 40, 21614 Buxtehude (DE).

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

- (72, 75) **THIEL, Jens-Peter** [DE/DE]; Anne-Frank-Weg 20, 21640 Horneburg (DE).

- (74) **GLAWE, DELFS, MOLL**; Rothenbaumchaussee 58, 20148 Hamburg (DE).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **B22F**(11) **WO 2004/085098** (13) A2

(21) PCT/US2004/009358

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,227 **27 Mar/mar 2003** US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METALLIC NANOPARTICLES AS ORTHOPEDIC BIOMATERIAL

• NANOPARTICULES METALLIQUES EN TANT QUE MATERIAU BIOLOGIQUE ORTHOPEDIQUES

(71) PURDUE RESEARCH FOUNDATION [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).

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(71, 72) WEBSTER, Thomas, J. [US/US]; 600 Rosa LN., Lafayette, IN 47905 (US). EJIO-FOR, Jeremiah, U. [US/US]; 2501 Soldiers Home Rd #52C, West Lafayette, IN 47905 (US).

(74) GEREN, Gerald, S.; Barnes & Thornburg, P.O. Box 2786, Chicago, IL 60690 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B22F 1/00, C22C 1/04, 19/07

(11) WO 2004/085099 (13) A1

(21) PCT/SE2004/000379

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 0300881-0 **27 Mar/mar 2003** SE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COBALT-BASED METAL POWDER AND METHOD FOR PRODUCING COMPONENTS THEREOF

• POUDRE METALLIQUE AU COBAL ET PROCEDE D'ELABORATION DE COMPOSANTS DE CETTE POUDRE

(71) HÖGANÄS AB [SE/SE]; S-263 83 Höganäs (SE).

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

(72, 75) MÄRS, Owe [SE/SE]; Mullbärsvägen 22, S-260 40 Viken (SE). SZABO, Christophe [FR/DE]; Am Adels 2, D-40 883 Ratingen (DE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/085100 (13) A2

(21) PCT/EP2004/003039

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 13 725.4 **27 Mar/mar 2003** DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOBILE MACHINE FOR MACHINING A PAIR OF WHEELS

• MACHINE MOBILE POUR L'USINAGE D'UNE PAIRE DE ROUES

(71) HEGENSCHIEDT-MFD GMBH & CO. KG [DE/DE]; Bernhard-Schondorff-Platz, 41812 Erkelenz (DE).

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(72, 75) REICHE, Hans-Joachim [DE/DE]; Millrather Weg 100, 40699 Erkrath (DE). ROSENLAND, Dieter [DE/DE]; Grüner Winkel 40, 41844 Wegberg (DE).

(74) COHAUSZ & FLORACK; Bleichstrasse 14, 40211 Düsseldorf (DE).

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

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

(11) WO 2004/085101 (13) A2

(21) PCT/US2004/007548

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/395,029 **21 Mar/mar 2003** US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRILL INSERT WITH CONTROLLED CONTACT CLEARANCE

• PLAQUETTE D'ALEPAGE A DEGAGEMENT DE CONTACT CONTROLE

(71) ALLIED MACHINE & ENGINEERING CORP. [US/US]; 485 W. 3rd Street, Dover, OH 44622 (US).

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(72, 75) KRAEMER, Rolf, H. [US/US]; 5683 Obed Heights Drive, Edinboro, PA 16412-0297 (US).

(74) CLARK, Robert, J. et al. / etc.; Hahn, Loeser & Parks, LLP, Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313-7188 (US).

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

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

(11) WO 2004/085102 (13) A2

(21) PCT/US2004/004178

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 10/371,755 **21 Feb/fév 2003** US
(21.02.2003)

(30) 10/737,944 **16 Dec/déc 2003** US
(16.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WEATHERABLE MULTILAYER ARTICLES AND METHOD FOR THEIR PREPARATION

• ARTICLES MULTICOUCHES RESISTANTS AUX AGENTS ATMOSPHERIQUES ET PROCEDE DE FABRICATION

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

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(72, 75) WANG, Hua [CN/US]; 11 Jamison Drive, Clifton Park, NY 12065 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/16, 29/04

(11) WO 2004/085103 (13) A1

(21) PCT/US2004/008295

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/401,425 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROTATABLE SEAT FOR CUTTING TOOL INSERT
• SIEGE ROTATIF POUR INSERT D'OUTIL DE COUPE

(71) PRECISION CASTPARTS CORPORATION [US/US]; 4650 SW Macadam, Suite 440, Portland, OR 97201 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUNN, Terry [US/US]; 2114 Rycroft, Spring, TX 77386 (US).

(74) STOLOWITZ, Micah, D.; Stoel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, OR 97204-1268 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 B23B 51/04, B27G 15/00, B27B 5/12, 33/18

(11) WO 2004/085104 (13) A1

(21) PCT/AU2004/000376

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901440 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN IMPROVED HOLE SAW BOSS
• ADAPTATEUR AMELIORE POUR SCIE-CLOCHE

(71, 72) KEIGHTLEY, Kym John [AU/AU]; 5 Vincenzo Street, Fairview Park, SA 5126 (AU).

(74) LESICAR PERRIN; 49 Wright Street, Adelaide, SA 5000 (AU).

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

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

(51)⁷ B23F 9/08

(11) WO 2004/085105 (13) A1

(21) PCT/SE2004/000343

(22) 10 Mar/mar 2004 (10.03.2004)

(25) sv (26) en

(30) 0300889-3 28 Mar/mar 2003 SE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD TO PRODUCE SPLINE TEETH ON A RING- OR DISC-SHAPED COUPLING ELEMENT
• PROCEDE DE PRODUCTION DE DENT DE CANNELURE SUR UNE BAGUE OU SUR UN ELEMENT DE COUPLAGE EN FORME DE DISQUE

(71) SCANIA CV AB (PUBL) [SE/SE]; S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NILSSON, Dag [SE/SE]; Vårdsholmsgatan 11, S-151 32 Södertälje (SE).

(74) FORSELL, Hans; Scania CV AB, Patents, S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085106 (13) A2

(21) PCT/US2004/008221

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/391,665 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METAL UNIT NESTING MACHINE
• MACHINE D'EMBOÎTEMENT D'UNITÉS MÉTALLIQUES

(71) KAPOK RESEARCH & DEVELOPMENT, INC. [US/US]; 1124 W. Thatcher Blvd., Suite 202, Safford, AZ 85546 (US).
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(72) SMITH, Richard, A.; 1124 Thatcher Blvd., Suite 202, Safford, AZ 85546 (US).

(74) THRASHER, Steven; 391, Sandhill Dr., Richardson, TX 75080 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/04, 11/24, G05B 13/04, B23K 11/25

(11) WO 2004/085107 (13) A1

(21) PCT/IB2004/001022

(22) 24 Mar/mar 2004 (24.03.2004)

(25) it (26) en

(30) MI2003A000589 25 Mar/mar 2003 IT (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR SELF-ADAPTIVE ON-LINE CONTROL OF A FLASH-BUTT-WELDING MACHINE
• PROCEDE ET SYSTEME DE COMMANDE EN LIGNE D'UNE MACHINE A SOUDER PAR RAPPROCHEMENT

(71) DANIELI & C. OFFICINE MECCANICHE S.P.A. [IT/IT]; Via Nazionale, 41, I-33042 Buttrio (IT). DANIELI AUTOMATION S.P.A. [IT/IT]; Via Stinger 4, I-33042 Buttrio (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRIUS, Francesco** [IT/IT]; Via Predicort, 25, I-33052 Cervignano (IT). **GUASTINI, Fabio** [IT/IT]; Via Restocina 9/A, I-34070 Dolegna Del Collio (IT). **VENIER, Daniele** [IT/IT]; Via Venier 11, I-33038 S. Daniele Del Friuli (IT). **BUZZI, Giuseppe** [IT/IT]; Via Papa Giovanni XXIII, 37, I-33040 Pradamano (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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)⁶ **B23K 26/00, 26/06**

(11) **WO 2004/085108** (13) A1

(21) PCT/JP1994/001292

(22) **4 Aug/août 1994 (04.08.1994)**

(25) ja (26) ja

(30) 5-194925 **5 Aug/août 1993 JP (05.08.1993)**

(30) 5-194927 **5 Aug/août 1993 JP (05.08.1993)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **LEAD FRAME MACHINING METHOD AND LEAD FRAME MACHINING APPARATUS**

• **PROCEDE ET APPAREIL D'USINAGE DE CHASSIS DE BROCHAGE**

(71, 72) **TADA, Nobuhiko** [JP/JP]; 1-5, Minami 5-chome, Ushiku-shi, Ibaraki 300-12 (JP). **MIYANAGI, Naoki** [JP/JP]; 3203-5, Shimoinayoshi, Chiyodamachi, Niihari-gun, Ibaraki 315 (JP). **SHIMOMURA, Yoshiaki** [JP/JP]; Hitachikenki Chiyoda-house 7-105, 1828, Niihari, Chiyodamachi, Niihari-gun, Ibaraki 315 (JP). **SAKURAI, Shigeyuki** [JP/JP]; Hitachikenki Chiyoda-ryo 1-226, 1828, Niihari, Chiyodamachi, Niihari-gun, Ibaraki 315 (JP). **NAGANO, Yoshinari** [JP/JP]; Hitachikenki Chiyoda-house 3-304, 1828, Niihari, Chiyodamachi, Niihari-gun, Ibaraki 315 (JP).

(74) **KASUGA, Yuzuru**; 7F. Kyodo Bldg., Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103 (JP).

(81) US.

Published / Publiée : (e): 27May/mai 1997 (27.05.1997), 5632083

(51)⁷ **B23K 26/06, 26/38, F02M 61/16**

(11) **WO 2004/085109** (13) A1

(21) PCT/EP2004/002408

(22) **9 Mar/mar 2004 (09.03.2004)**

(25) fr (26) fr

(30) 03006697.1 **26 Mar/mar 2003 EP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **LASER DEVICE WHICH IS USED TO PIERCE HOLES IN COMPONENTS OF A FLUID-INJECTION DEVICE**

• **DISPOSITIF LASER POUR PERCER DES TROUS DANS DES COMPOSANTS D'UN DISPOSITIF D'INJECTION D'UN FLUIDE**

(71) **LASAG AG** [CH/CH]; C.F.L.- Lohnerstrasse 24, CH-3602 Thun (CH).

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

(72, 75) **DÜRR, Ulrich** [DE/CH]; Wylergasse 24, CH-3608 Allmendingen (CH). **FREI, Bruno** [CH/CH]; Mühlestrasse 23, CH-3634 Thierachern (CH).

(74) **I C B**; Ingénieurs Conseils en Brevets SA, Rue des Sors 7, CH-2074 Marin (CH).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 26/40, B41K 1/54, B23K 26/36**

(11) **WO 2004/085110** (13) A1

(21) PCT/AT2004/000061

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) de (26) de

(30) A 479/2003 **26 Mar/mar 2003 AT (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD AND DEVICE FOR MACHINING COMPOSITE PARTS FORMED FROM A CARRIER DEVICE AND A STAMPING PAD**

• **PROCEDE ET DISPOSITIF POUR USINER DES PIECES COMPOSITES FORMEES D'UN SYSTEME DE SUPPORT ET D'UN COUSSIN ENCREUR**

(71) **TROTEC PRODUKTIONS U. VERTRIEBS GMBH** [AT/AT]; Linzerstrasse 156, A-4600 Wels (AT).

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(72, 75) **FAZENY, Stephan** [AT/AT]; Scharnsteiner Strasse 36, A-4810 Gmunden (AT).

(74) **SECKLEHNER, Günter**; Rechtsanwalt, Rosenauerweg 16, A-4580 Windischgarsten (AT).

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

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

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

(51)⁷ **B23P 15/26, B21D 13/04, 53/08, B23D 33/02**

(11) **WO 2004/085111** (13) A1

(21) PCT/JP2004/003805

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 2003-080617 **24 Mar/mar 2003 JP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **CORRUGATED FIN FEEDING APPARATUS AND FEEDING METHOD**

• **APPAREIL D'ACHEMINEMENT D'AILETTES GAUFREES ET PROCEDE D'ACHEMINEMENT ASSOCIE**

(71) **CALSONIC KANSEI CORP.** [JP/JP]; 5-24-15 Minamidai, Nakano-ku, Tokyo, 164-8602 (JP).

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(72, 75) **TOCHIGI, Kenji** [US/US]; Calsonic Kansei Corp., 5-24-15 Minamidai, Nakano-ku, Tokyo 164-8602 (US). **NOZAKI, Kimio** [US/US]; Calsonic Kansei Corp., 5-24-15 Minamidai, Nakano-ku, Tokyo 164-8602 (US). **YOSHIKAWA, Akira** [US/US]; Calsonic Kansei Corp., 5-24-15 Minamidai, Nakano-ku, Tokyo 164-8602 (US). **YAEZAWA, Hirokazu** [US/US]; Calsonic Kansei Corp., 5-24-15 Minamidai, Nakano-ku, Tokyo 164-8602 (US). **SHINOHARA, Yasuyuki** [US/US]; Calsonic Kansei Corp., 5-24-15 Minamidai, Nakano-ku, Tokyo 164-8602 (US).

(74) **AYATA, Masamichi**; 203, Royal-Chateau-Kawasaki, Omiya-cho 22-2, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 212-0014 (JP).

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

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

(51)⁷ **B23Q 1/00**

(11) **WO 2004/085112** (13) A2

(21) PCT/NL2004/000199

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) nl (26) en

(30) 1023010 **25 Mar/mar 2003** NL
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A MULTIFUNCTIONAL CONSTRUCTIONAL MODULAR ELEMENT FOR MACHINE-BUILDING OF A MACHINE FRAME CONSTRUCTION FOR A PACKAGING MACHINE

• ELEMENT MODULAIRE DE CONSTRUCTION MULTIFONCTION POUR UNE CONSTRUCTION DE MACHINE D'UNE CONSTRUCTION D'OSSATURE DE MACHINE POUR UNE MACHINE DE CONDITIONNEMENT

(71) **REPAK BEHEER B.V.** [NL/NL]; 18, Phileas Foggstraat 18, NL-7821 AK Emmen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72) **SCHOLTE, Gerardus, Petrus;** Boslaan 7, NL-9561 LH Ter Apel (NL).

(74) **KLOOSTER, Ir., J., H.;** Muller & Eilbracht B.V., P.O. Box 1080, NL-2260 BB Leidschendam (NL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/33**

(11) **WO 2004/085113** (13) A1

(21) PCT/SE2004/000284

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) en (26) en

(30) 0300635-0 **10 Mar/mar 2003** SE
(10.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN ARRANGEMENT FOR ADJUSTING THE SETTING OF A GRINDING MACHINE

• ENSEMBLE PERMETTANT D'AJUSTER LE POSITIONNEMENT D'UNE RECTIFIEUSE

(71) **ATLAS COPCO SECOROC AB** [SE/SE]; Box 521, S-737 25 Fagersta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Hans** [SE/SE]; Stapelvägen 47, S-932 37 Ursviken (SE).

(74) **KARLSTRÖM, Lennart** et al. / etc.; Noréns Patentbyrå AB, Box 10198, S-100 55 Stockholm (SE).

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

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 23/03, 7/18, 41/047, 47/12**

(11) **WO 2004/085114** (13) A1

(21) PCT/GB2003/001376

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROTARY WORK TOOL WITH ORBITING PLANETARY GEARS CONTAINING ECCENTRIC AXES FOR THE ATTACHMENT OF POLISHING OR SANDING PLATENS

• OUTIL ROTATIF POSSEDANT DES ENGRENAGES PLANETAIRES EN ORBITE CONTENANT DES AXES EXCENTRIQUES SERVANT A FIXER DES PLAQUES DE POLISSAGE OU DE SABLAGE

(71) **THE TECHNOLOGY PARTNERSHIP PLC** [GB/GB]; Melbourne Science Park, Cambridge Road, Melbourn, Royston, Hertfordshire SG8 6EE (GB).

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(72, 75) **RAWLINS, Philip, John** [GB/GB]; 50 Long Reach Road, Chesterton, Cambridge CB4 1UJ (GB). **CARR, Matthew, John** [GB/GB]; 19 Bermuda Road, Cambridge CB4 3JX (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/085115** (13) A2

(21) PCT/FR2004/000562

(22) **9 Mar/mar 2004 (09.03.2004)**

(25) fr (26) fr

(30) 03/03442 **17 Mar/mar 2003** FR
(17.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MACHINE FOR GATHERING PRODUCTS SUCH AS GRASS

• MACHINE POUR GROUPEUR DES PRODUITS TELS QUE DE L'HERBE

(71) **KUHN S.A.** [FR/FR]; 4, impasse des Fabriques, F-67706 Saverne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISER, Jens** [DE/DE]; Elmstrasse No 9, 38173 Dettum (DE).

(74) **ANDRES, Jean-Claude;** c/o Kuhn S.A., 4, impasse des Fabriques, F-67706 Saverne Cedex (FR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/46**

(11) **WO 2004/085116** (13) A1

(21) PCT/GB2004/001312

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 0306826.9 **25 Mar/mar 2003** GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A WRENCH
• CLE

(71) **SMART TOOLS LTD** [GB/GB]; Baden Powell Road, Kirkton Industrial Estate, Arbrogath, Angus DD11 3LS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCHANAN, Nigel** [GB/GB]; Beechtree Cottage, New Gilston, By Leven, Fife, Scotland KY8 5TF (GB).

(74) **BALDWIN, Mark** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B25D**

(11) **WO 2004/085117** (13) A2

(21) PCT/US2004/008596

(22) 3 Feb/fév 2004 (03.02.2004)

(25) en

(26) en

(30) 10/358,383 5 Feb/fév 2003 US
(05.02.2003)(30) 10/683,163 14 Oct/oct 2003 US
(14.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A TOOL FOR USE WITH X CLAW HAMMER IN REMOVAL OF NAILS
• OUTIL A UTILISER AVEC UN MAR-TEAU A PANNE FENDUE EN X POUR ARRACHER DES CLOUS

(71) HARALA, Bradley, D. [US/US]; 13837 West Stone Avenue, Post Falls, ID 83854 (US).

(71, 72) HARALA, Gregory, M. [US/US]; Box 194, Rainier, MN 56668 (US).

(74) HARALA, Bradley, D.; 13837 West Stone Avenue, Post Falls, ID 83854 (US).

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

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

(51)⁷ B25D 16/00, 17/00

(11) WO 2004/085118 (13) A1

(21) PCT/DE2003/003626

(22) 31 Oct/oct 2003 (31.10.2003)

(25) de

(26) de

(30) 103 12 981.2 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRIC HAND TOOL
• MACHINE-OUTIL ELECTRIQUE PORTATIVE

(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) LEBISCH, Helmut [DE/DE]; Jurasstrasse 39, 70565 Stuttgart (DE). BAUMANN, Otto [DE/DE]; Weingartenstr. 24, 70771 Leinfelden-Echterdingen (DE). FEHRLE, Siegfried [DE/DE]; Moltkestr. 42, 70771 Leinfelden-Echterdingen (DE). SAUR, Dietmar [DE/DE]; Heinrich-Heine-Str.16, 72810 Gomaringen (DE). ULLRICH, Andre [DE/DE]; Muchlenstr. 29, 70794 Filderstadt-Bernhausen (DE). WEISS, Michael [DE/DE]; Spittastr. 8, 70193 Stuttgart (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 B25F

(11) WO 2004/085119 (13) A2

(21) PCT/US2004/008421

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en

(26) en

(30) 10/393,701 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER TOOL FOR METAL PIERCING FASTENERS
• OUTIL MECANIQUE POUR DES AT-TACHES DE PERFORATION DE METAL

(71) EVENING STAR INVESTMENTS, L.L.C. [US/US]; P.O. Box 1917, Conroe, TX 77305 (US).

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

(71, 72) FARRELL, Mark [US/US]; 11769 Elizabeth Ridge, Conroe, TX 77304 (US). FARREL, Michael, E. [US/US]; 37321 Jerome Lane, Murrieta, CA 92562 (US).

(74) BERLINER, Robert; Fulbright & Jaworski L.L.P., 865 South Figueroa Street, Twenty-Ninth Floor, Los Angeles, CA 90017-2571 (US).

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

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

(51)⁷ B25J 9/22, G05B 19/42

(11) WO 2004/085120 (13) A1

(21) PCT/JP2003/003583

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja

(26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROBOT SIMULATION DEVICE, AND ROBOT SIMULATION PROGRAM
• DISPOSITIF ET LOGICIEL DE SIMULATION DE ROBOT

(71) RORZE CORPORATION [JP/JP]; 1588-2, Aza-Michinoue, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2104 (JP).

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

(72, 75) HOSOKAWA, Hirofumi [JP/JP]; c/o RORZE CORPORATION, 1588-2, Aza-Michinoue, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2104 (JP). FUJII, Seiichi [JP/JP]; c/o RORZE CORPORATION, 1588-2, Aza-Michinoue, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2104 (JP).

(74) KAWAWA, Takaho; 1-10, Mita 3-chome, Minato-ku, Tokyo 108-0073 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/085121 (13) A1

(21) PCT/JP2004/004056

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja

(26) ja

(30) 2003-087682 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROBOT DEVICE AND METHOD OF CONTROLLING THE SAME
• SYSTEME DE ROBOT ET PROCEDE POUR COMMANDER CE SYSTEME

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SABE, Kohtaro [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). OHASHI, Takeshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). KAWAMOTO, Kenta [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

(74) TADA, Shigenori; TADA Patent Office, 501, Sutura Building, 45-2, Higashiikebukuro 2-chome, Toshima-ku, Tokyo 1700013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/52

(11) WO 2004/085122 (13) A1

(21) PCT/US2004/008310

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en

(26) en

(30) 60/458,878 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **ERGONOMIC HANDLE FOR A SHAVING IMPLEMENT**

• MANCHE ERGONOMIQUE POUR ACCESSOIRE DE RASAGE

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).(72) **LUKAN, Sean**; 6 Laconia Street, Milford, CT 06460 (US). **FOLLO, Thomas A.**; 133 Lexington Way North, Milford, CT 06460 (US). **DANSREAU, Paul, R.**; 14 Basking Road, Shelton, CT 06484 (US). **DOMBROWSKI, David**; 959 Durham Road, Madison, CT 06443 (US).(74) **MICHAUD, Richard, R.**; CityPlace II, 185 Asylum Street, Hartford, CT 06103 (US).

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

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

(51)⁷ **B27B 19/00, B23D 51/08**(11) **WO 2004/085123** (13) A1

(21) PCT/BR2004/000038

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) MU 8301911 **24 Mar/mar 2003 BR (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **A CONSTRUCTIVE ARRANGEMENT IN A SAW**

• STRUCTURE D'UNE SCIE

(71) **STARRETT INDUSTRIA E COMÉRCIO LTDA** [BR/BR]; Avenida Laroy S. Sttarrett, 1880, Bairro do Pinheirinho, 13306-900 Itú, São Paulo (BR).(71, 72) **CAMARGO JUMIOR, Salvador** [BR/BR]; Alameda Patinho Feio, 304, 13306-351 Itú (BR).(74) **MARCAVIVA-MARCAS, PATENTES E TECNOLOGIA LTDA**; Avenida Brigadeiro Faria Lima, 1912, 20^o andar-Conjunto J, Jardim Paulistano, 01452-922 São Paulo (BR).

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

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

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

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(s) for all designations / pour toutes les désignations

(51)⁷ **B27L 11/00**(11) **WO 2004/085124** (13) A1

(21) PCT/FI2004/000074

(22) **18 Feb/fév 2004 (18.02.2004)**

(25) en (26) en

(30) 20030464 **28 Mar/mar 2003 FI (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD FOR MANUFACTURING A WEAR PLATE OF A DISC CHIPPER AND A WEAR PLATE OF A DISC CHIPPER**

• PROCEDE PERMETTANT DE PRODUIRE UNE PLAQUE D'USURE POUR UNE DECHIQUETEUSE A DISQUE ET PLAQUE D'USURE DE DECHIQUETEUSE A DISQUE

(71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, Helsinki FI-00130 (FI).

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

(72, 75) **JONKKA, Arvo** [FI/FI]; Mäntykatu 20, Pori FI-28430 (FI).(74) **OY JALO ANT-WUORINEN AB**; Iso Roobertinkatu 4-6 A, Helsinki FI-00120 (FI).

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

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

(51)⁷ **B27N 7/00**(11) **WO 2004/085125** (13) A2

(21) PCT/SE2004/000375

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 03445039.5 **25 Mar/mar 2003 EP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD FOR REDUCING EMISSIONS AND METHOD FOR PRODUCING A WOODEN PRODUCT**

• PROCEDE DE REDUCTION D'EMISSION ET PROCEDE DE PRODUCTION D'ARTICLE EN BOIS

(71) **AKZO NOBEL COATINGS INTERNATIONAL B.V.** [NL/NL]; Velperweg 76, P.O. Box 9300, NL-6800 SB ARNHEM (NL).

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

(72, 75) **NASLI-BAKIR, Benyahia** [SE/SE]; Centralvägen 4 D, S-132 40 Saltsjö-Boo (SE). **EKBLOM, Hans** [SE/SE]; Vädurens gata 212, 3tr, S-136 63 Handen (SE).(74) **BÄCKSTRÖM, Hans**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B28B 7/38**(11) **WO 2004/085126** (13) A2

(21) PCT/FR2004/000667

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) fr (26) fr

(30) 0303503 **21 Mar/mar 2003 FR (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **MOULD-STRIPPING METHOD**

• PROCEDE DE DEMOULAGE

(71) **CHRYSO** [FR/FR]; 19 Place de la Résistance, F-92440 Issy Les Moulineaux (FR).

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

(72, 75) **DUBOIS, Isabelle** [FR/FR]; 6, rue du Viaduc, F-77210 Avon (FR). **MOSQUET, Martin** [FR/FR]; 6, allée du Clos de l'Ardoise, F-45300 Dadonville (FR). **REBOUSSIN, Sandrine** [FR/FR]; 5, allée des frères Lumière, F-45300 Pithiviers (FR).(74) **BERNASCONI, Jean et al.** / etc.; Cabinet Lavoix, 2, Place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

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

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

(51)⁷ **B28B 11/00, C04B 37/00**(11) **WO 2004/085127** (13) A1

(21) PCT/IP2004/004164

(22) **25 Mar/mar 2004 (25.03.2004)**

- (25) ja (26) ja
- (30) 2003-083432 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF CONNECTING CERAMICS STRUCTURE
- PROCEDE DE LIAISON DE STRUCTURE EN CERAMIQUE
- (71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 4678530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJITA, Jun [JP/JP] MASUKAWA, Naoshi [JP/JP]
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 B29C
- (11) WO 2004/085128 (13) A2
- (21) PCT/US2004/008594
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/457,496 **24 Mar/mar 2003 US (24.03.2003)**
- (30) 10/801,950 **15 Mar/mar 2004 US (15.03.2004)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FORMING EVACUATION CHANNELS DURING SINGLE AND MULTI-LAYER EXTRUSION PROCESS
- PROCEDE DE FORMATION DE CANAUX D'EVACUATION PENDANT UN PROCESSUS D'EXTRUSION DE COUCHES MULTIPLES OU DE COUCHE UNIQUE
- (71) TILIA INTERNATIONAL, INC. [US/US]; 303 Second Street, North Tower, Fifth Floor, San Francisco, CA 94107 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WU, Hongyu; 1727 Funia drive, San Jose, CA 95131 (US).
- (74) COLEMAN, Brian, R.; Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 35/02, H01M 8/02
- (11) WO 2004/085129 (13) A1
- (21) PCT/CA2004/000435
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,406 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR MAKING CONDUCTIVE MOLDED PARTS USING RESISTIVE HEATING
- PROCEDE ET APPAREIL DE FABRICATION DE PIÈCES MOULÉES CONDUCTRICES PAR CHAUFFAGE OHMIQUE
- (71) DUPONT CANADA INC. [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5M 2H3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CAI, Yuqi [CA/CA]; 252 Waterloo Drive, Kingston, Ontario K7M 8P2 (CA). CHOPRA, Divya [IN/CA]; 125 Dagleish Avenue, Kingston, Ontario K7K 7E3 (CA). FISHER, John [CA/CA]; 630 Forest Hill Drive, Kingston, Ontario K7M 5B6 (CA). GHOSH, Kalyan [IN/CA]; 509 - 247 Bath Road, Kingston, Ontario K7M 2X9 (CA). GODFROY, Larin [CA/CA]; 151 Grange Cr., Napanee, Ontario K7R 2V5 (CA). GUOLLA, James, R. [CA/CA]; 12 Oakwood Crescent, Kingston, Ontario K7L 4V1 (CA). MATTHEWS, Victor, G. [CA/CA]; 176 McMichael Street, Kingston, Ontario K7M 1N6 (CA).
- (74) CLARIZIO, Dino, P. et al. / etc.; Bennett Jones LLP, 3400 - One First Canadian Place, P.O. Box 130, Toronto, Ontario M5X 1A4 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

- (51)⁷ B29C 45/14, 45/26
- (11) WO 2004/085130 (13) A1
- (21) PCT/JP2004/004029
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-083164 **25 Mar/mar 2003 JP (25.03.2003)**
- (30) 2003-133130 **12 May/mai 2003 JP (12.05.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR PRODUCING INJECTION-MOLDED AND IN-MOLD DECORATED ARTICLE AND MOLD FOR INJECTION MOLDING WITH IN-MOLD DECORATION
- PROCEDE DE PRODUCTION D'ARTICLE MOULE PAR INJECTION ET DECORE DANS LE MOULE ET MOULE POUR MOULAGE PAR INJECTION AVEC DECORATION DANS LE MOULE
- (71) NISSHA PRINTING CO., LTD. [JP/JP]; 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi, Kyoto 6048551 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FURUKAWA, Eiji [JP/JP]; c/o NISSHA PRINTING CO., LTD. 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi, Kyoto 6048551 (JP). TOYOOKA, Naoto [JP/JP]; c/o NISSHA PRINTING CO., LTD. 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi, Kyoto 6048551 (JP).
- (74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 45/27
- (11) WO 2004/085131 (13) A1
- (21) PCT/CA2003/001404
- (22) 16 Sep/sep 2003 (16.09.2003)
- (25) en (26) en
- (30) 10/292,739 **12 Nov/nov 2002 US (12.11.2002)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • INJECTION MOLDING NOZZLE
- BUSE DE MOULAGE PAR INJECTION
- (71) HUSKY INJECTION MOLDING SYSTEMS LTD. [CA/CA]; 500 Queen Street South, Bolton, Ontario L7E 5S5 (CA).

(72) **BLAIS, Paul, Richard**; 94 Butler Drive, South Burlington, VT 05403 (US). **CER-NAVA, Stephen**; 8 Summit Place, St. Albans, VT 05478 (US). **FIKANI, Fadi**; 352 Hildred Drive, Burlington, VT 05401 (US).

(74) **SMITH, Derek, K., W.**; Husky Injection Molding Systems Ltd., 500 Queen Street South, Bolton, Ontario L7E 5S5 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 47/22, 47/92**

(11) **WO 2004/085132** (13) A2

(21) PCT/EP2004/003309

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) de (26) de

(30) 103 14 401.3 **28 Mar/mar 2003 DE (28.03.2003)**

(30) 103 28 655.1 **26 Jun/juin 2003 DE (26.06.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR BLOW MOULDING HOLLOW BODIES MADE OF A THERMOPLASTIC SYNTHETIC MATERIAL

• PROCEDE ET DISPOSITIF POUR MOULER PAR SOUFFLAGE DES CORPS CREUX EN MATIERE THERMOPLASTIQUE

(71, 72) **FEUERHERM, Harald** [DE/DE]; Im Laach 33, 53840 Troisdorf (DE).

(74) **ALBRECHT, Rainer**; Andrejewski, Honke & Sozien, Theaterplatz 3, 45137 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 49/54, 49/48**

(11) **WO 2004/085133** (13) A1

(21) PCT/EP2004/002016

(22) **1 Mar/mar 2004 (01.03.2004)**

(25) de

(30) 2003 0541/03 **28 Mar/mar 2003 CH (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLASTIC CONTAINER, ESPECIALLY PLASTIC BOTTLE WITH INTEGRATED DEFORMED PORTION AND METHOD FOR PRODUCING THE SAME

• RECIPIENT EN PLASTIQUE, EN PARTICULIER BOUTEILLE EN PLASTIQUE, COMPORTANT UNE ZONE DEFORMEE INTEGREE, ET SON PROCEDE DE PRODUCTION

(71) **ALPLA-WERKE ALWIN LEHNER GMBH & CO. KG** [AT/AT]; Allmendstrasse, 6971 Hard (AT).

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

(72, 75) **SIEGEL, Robert** [AT/AT]; Robert-Schuhmann Stasse 7A, 6850 Dornbirn (AT).

(74) **SCHREIBER, Wolfgang, F. et al.** / etc.; Riederer Hasler & Partner, Elestastrasse 8, CH-7310 Bad Ragaz (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 51/08, 51/26, B01L 3/00, 3/14, 7/00**

(11) **WO 2004/085134** (13) A1

(21) PCT/SG2004/000067

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/456,929 **24 Mar/mar 2003 US (24.03.2003)**

(30) 10/613,599 **3 Jul/juil 2003 US (03.07.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SHALLOW MULTI-WELL PLASTIC CHIP FOR THERMAL MULTIPLEXING

• PUCE EN PLASTIQUE MULTIPUITS PEU PROFONDE POUR MULTIPLEXAGE THERMIQUE

(71) **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [—/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG). **NATIONAL UNIVERSITY OF SINGAPORE** [—/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).

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(72, 75) **MIAO, Yubo** [SG/SG]; Block 227, Chua Chu Kang Central, #08-183, Singapore 680227 (SG). **CHEN, Yu** [CN/SG]; Block

144, Upper Bukit Timah Road, #16-01, Singapore 588177 (SG). **LIM, Tit, Meng** [SG/SG]; 7 Toh Tuck Place, Singapore 596783 (SG). **HENG, Chew, Kiat** [SG/SG]; Block 430 Ang Mo Kio Ave 3, #25-2594, Singapore 560430 (SG).

(74) **VIERING, JENTSCHURA & PARTNER**; Rochor Post Office, Rochor Road, P.O. Box 1088, Singapore 911833 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B29C 63/00**

(11) **WO 2004/085135** (13) A2

(21) PCT/FR2004/000705

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) fr (26) fr

(30) 03/03611 **21 Mar/mar 2003 FR (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF DEPOSITING FUNCTIONAL FILMS ON SUBSTRATES SUCH AS GLASS SHEETS AND FILM-COATING MACHINE FOR IMPLEMENTING SAID METHOD

• PROCEDE POUR DEPOSER DES FILMS FONCTIONNELS SUR DES SUBSTRATS TELS QUE DES PLAQUES DE VERRE, ET MACHINE DE PELLICULAGE POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) **SAINT-GOBAIN GLASS FRANCE** [FR/FR]; "Les Miroirs", 18, avenue d'Alsace, F-92400 Courbevoie (FR).

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

(72, 75) **DEMARS, Yves** [FR/FR]; 237, rue de l'Empire, Gicourt, F-60600 Agnetz (FR). **DOUCHE, Jean-Pierre** [FR/FR]; 10, impasse des Pins, F-60150 Le Plessis Brion (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 63/02 // 65/18, 65/20, B32B 31/00, 31/00, 35/00**
- (11) **WO 2004/085136** (13) A1
- (21) PCT/KR2003/000616
- (22) **27 Mar/mar 2003 (27.03.2003)**
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • APPARATUS FOR REGULATING ROTATION SPEED OF ROLLER IN LAMINATOR
- DISPOSITIF PERMETTANT DE REGULER LA VITESSE DE ROTATION DU ROULEAU D'UNE CONTRECOTEUSE
- (71) **ROYAL SOVEREIGN INC.** [KR/KR]; 24B/9L, 451-8 Nonhyun-Dong, Namdong-ku, Incheon-si 404-254 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Suk-Kyou** [KR/KR]; Daeyeong villa, 1-302, Gajwa 3, 278-21, Seo-gu, Incheon-si 404-254 (KR).
- (74) **HAW, Yong-Noke**; 8th Fl. Songchon Bldg., 642-15 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 65/08, B65D 5/74, B25J 9/00, 15/08**
- (11) **WO 2004/085137** (13) A1
- (21) PCT/CH2004/000166
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) de (26) de
- (30) 2003 0542/03 **28 Mar/mar 2003 CH (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR AUTOMATICALLY POSITIONING AND WELDING SYNTHETIC STRUCTURAL COMPONENTS ON SYNTHETIC PLANAR PORTIONS
- PROCEDE ET DISPOSITIF DE POSITIONNEMENT ET DE SOUDAGE AUTOMATIQUES D'ELEMENTS STRUCTURAUX EN PLASTIQUE SUR DES SEGMENTS EN PLASTIQUE PLATS
- (71) **SIG TECHNOLOGY LTD.** [CH/CH]; Laufengasse 18, 8212 Neuhausen am Rheinfall (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÜHRER, JOACHIM** [DE/DE]; Schloss-Strasse 15, 79780 Stühlingen (DE).
- (74) **FELBER & PARTNER AG**; Patentanwälte, Dufourstrasse 116, 8034 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 67/24, B29B 7/76**
- (11) **WO 2004/085138** (13) A1
- (21) PCT/EP2004/002003
- (22) **28 Feb/fév 2004 (28.02.2004)**
- (25) de (26) de
- (30) 103 14 117.0 **28 Mar/mar 2003 DE (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MIXING HEAD FOR A REACTION CASTING MACHINE
- TETE MELANGEUSE POUR MACHINE DE MOULAGE PAR INJECTION ET REACTION
- (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) **EHRLICHER, Stefan** [DE/DE]; Herbert Schober Strasse 21, 80997 München (DE). **BRUNNER, Robert** [DE/DE]; Hirschstrasse 116, 86156 Augsburg (DE).
- (74) **ZOLLNER, Richard**; Mpm Consulting & Services GmbH - FS, Krauss-Maffei Strasse 2, 80997 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B29D 31/50, 31/518, A43B 3/12, 23/17, 13/04, 7/12, 3/00, 5/08**
- (11) **WO 2004/085139** (13) A1
- (21) PCT/US2004/007379
- (22) **10 Mar/mar 2004 (10.03.2004)**
- (25) en (26) en
- (30) 10/393,675 **19 Mar/mar 2003 US (19.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TOE PROTECTION SANDAL
- SANDALE A EXTREMITE AVANT COUVRANTE
- (71) **KEEN LLC** [US/US]; 1826 Clemente Avenue, Suite 200, Alameda, CA 94501 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUERST, Rory, W.** [US/US]; 101 Isabella Avenue, Atherton, CA 94027 (US). **KEEN, Martin** [US/US]; 121 Carr Lane, Jamestown, Rhode Island 02835 (US).
- (74) **BENZ, William, H.; FOLEY & LARDNER LLP**, Three Palo Alto Square, 3000 El Camino Real, Suite 100, Palo Alto, CA 94306-2121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B30B 11/08, 15/28, 15/00, 11/00, F16J 15/06, G01V 15/00**
- (11) **WO 2004/085140** (13) A1
- (21) PCT/EP2004/002036
- (22) **1 Mar/mar 2004 (01.03.2004)**
- (25) de (26) de
- (30) 203 04 981.0 **26 Mar/mar 2003 DE (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TABLET PRESS AND OIL CATCHING AND/OR SEALING ELEMENT FOR USE ON TABLET PRESSES
- PRESSE A COMPRIMER ET ELEMENT COLLECTEUR D'HUILE ET/OU ELEMENT D'ETANCHEITE DESTINES A ETRE UTILISES DANS DES PRESSES A COMPRIMER
- (71) **KILIAN GMBH & CO. KG** [DE/DE]; Emder Strasse 10, 50735 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRÄMER, Hans** [DE/DE]; Hauptstrasse 21a, 51143 Köln (DE).
- (74) **HENNICKE, Rüdiger et al.** / etc.; Patentanwälte Buschhoff, Hennicke, Althaus, Postfach 19 04 08, 50501 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

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

(51)⁷ B32B 3/06, B29C 70/04

(11) WO 2004/085141 (13) A1

(21) PCT/NL2004/000212

(22) 29 Mar/mar 2004 (29.03.2004)

(25) nl (26) en

(30) 1023027 27 Mar/mar 2003 NL
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PIN/HOLE JOINT CONSTRUCTION
AND LAMINATE THEREFOR

• JOINT RETICULE DANS UN STRATI-
FIE

(71) STORK FOKKER AESP B.V. [NL/NL];
Industrieweg 4, NL-3351 LB Papendrecht
(NL). NEDERLANDSE CENTRALE OR-
GANISATIE VOOR TOEGEPAST NATU-
URWETENSCHAPPELIJK ONDER-
ZOEK TNO [NL/NL]; Schoemakerstraat
97, NL-2628 VK Delft (NL). TECHNIS-
CHE UNIVERSITEIT DELFT [NL/NL];
Julianalaan 134, NL-2628 BL Delft (NL).
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les États désignés sauf US)

(72, 75) LABORDUS, Maarten [NL/NL]; Her-
man Gorterhof, NL-2624 XL Delft (NL). VAN
TOOREN, Michael, Johannes, Leonardus
[NL/NL]; Nieuwelaan 134, NL-2611 SB
Delft (NL). DE GRAAF, Theodorus, Ja-
cobus, Maria [NL/NL]; Hoofdweg 42,
NL-3641 PT Mijdrecht (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 5/26, D04H 13/00

(11) WO 2004/085142 (13) A1

(21) PCT/US2004/008642

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,483 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-LAYER ADHESIVE-BONDED
NONWOVEN SHEET AND PROCESS
THEREFOR

• FEUILLE DE NON-TISSE MULTI-
COUCHE LIEE PAR ADHESIF ET
PROCEDE ASSOCIE

(71) E.I. DUPONT 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) STURGILL, Gary, Lee [US/US]; 3723
Estes Road, Nashville, TN 37215 (US).

(74) STEINBERG, Thomas, W.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 13/08, 31/12, B41J 3/00, 25/308

(11) WO 2004/085143 (13) A2

(21) PCT/US2004/008164

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,079 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR AP-
PLYING REFERENCE MARKINGS TO
WALLBOARD DURING MANUFAC-
TURE

• APPAREIL ET PROCEDE
D'APPLICATION DE MARQUAGES
DE REFERENCE SUR DES PAN-
NEAUX MURAUX PENDANT LEUR
FABRICATION

(71) NATIONAL GYPSUM PROPERTIES,
LLC [US/US]; 2001 Rexford Road, Char-
lotte, NC 28211 (US).

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

(72, 75) FOX, William, R., Jr. [US/US]; 15509
Conway Place, Tampa, FL 33624 (US).
MERFELD, Melissa, S. [US/US]; 12004
Bellhaven Chase Way, Fort Mill, SC 29715
(US).

(74) FORMAN, Alexander, D.; Ice Miller, One
American Square, Box 82001, Indianapolis,
IN 46282-0002 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 15/08, 27/36

(11) WO 2004/085144 (13) A2

(21) PCT/EP2004/003617

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03075943.5 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SHEET MATERIAL FOR FORMING
APPLICATIONS, METAL CONTAINER
MADE FROM SUCH A SHEET MATE-
RIAL AND PROCESS FOR PRODUC-
ING SAID SHEET MATERIAL

• MATERIAU EN FEUILLE POUR AP-
PLICATIONS DE FORMAGE, CONTE-
NANT METALLIQUE PRODUIT A
PARTIR D'UN TEL MATERIAU EN
FEUILLE ET PROCEDE PERMET-
TANT DE PRODUIRE CE MATERIAU
EN FEUILLE.

(71) CORUS TECHNOLOGY B.V. [NL/NL];
P.O. Box 10000, NL-1970 CA IJmuiden (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SPAANS, Coenraad, Jan [NL/NL];
Noorderhaven 11, NL-8861 AJ Harlingen
(NL). DEN HARTOG, Adrianus, Johannes
[NL/NL]; Kooilaan 17, NL-2315 EB Leiden
(NL).

(74) HERMAN DE GROOT, Johan, Willem;
Corus Technology B.V., P.O. Box 10000,
NL-1970 CA IJmuiden (NL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 15/08, C23C 26/00

(11) WO 2004/085145 (13) A1

(21) PCT/JP2003/010087

(22) 7 Aug/août 2003 (07.08.2003)

(25) ja (26) ja

(30) 2003-87950 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STAINLESS-STEEL FOILS WITH IN-
ORGANIC/ORGANIC HYBRID FILM
COATING

• FEUILLES EN ACIER INOXYDABLE
POURVUES D'UN REVETEMENT DE

FILM HYBRIDE INORGANIQUE/OR-
GANIQUE

(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) **KAWAKAMI, Keiko** [JP/JP]; c/o NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **YAMADA, Noriko** [JP/JP]; c/o NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **HAMADA, Takeshi** [JP/JP]; c/o NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **KUBO, Yuji** [JP/JP]; c/o NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP).

(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) CA 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 **B32B 15/08**

(11) **WO 2004/085146** (13) A1

(21) PCT/KR2004/000666

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 10-2003-0018811 **26 Mar/mar 2003 KR (26.03.2003)**

(30) 10-2003-0018812 **26 Mar/mar 2003 KR (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **DOUBLE-SIDED METALLIC LAMINATE AND METHOD FOR MANUFACTURING THE SAME**

• **STRATIFIE METALLIQUE DOUBLE FACE ET PROCEDE DE FABRICATION ASSOCIE**

(71) **LG CHEM LTD** [KR/KR]; LG Twin Tower, East Tower, 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 (KR).

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(72, 75) **PARK, Soon-yong** [KR/KR]; LG Apt 3-516, Doryong-dong 386-1, Yuseong-gu, Daejeon 305-340 (KR). **KYUNG, You-jin** [KR/KR]; Gaebong 3-dong 361-514/2, Guro-gu, Seoul 152-815 (KR). **SONG, Heon-sik** [KR/KR]; Dream World Apt 108-801, Jangdae-dong 344, Yuseong-gu, Daejeon 305-308 (KR). **AHN, Byeong-in** [KR/KR]; LG sawaon Apt 9-301, Doryong-dong 381-42, Yuseong-gu, Daejeon 305-340 (KR). **KO, Joo-eun** [KR/KR]; Yoowon Apt 4-606, Dangsan-dong 4-ga, Yeongdeungpo-gu, Seoul 150-044 (KR). **PARK, Yong-jun** [KR/KR]; Munji-dong 104-1, Yuseong-gu, Daejeon 305-380 (KR). **JANG, Se-myung** [KR/KR]; Hyundai 4-cha Apt. 403-1101, Songcheon 1-dong, Deokjin-gu, Jeonju-si, Jeollabuk-do 561-765 (KR).

(74) **CHO, In-jae**; Newkorea International Patent & Law Office, 3rd Fl., Janghyun Bldg., 637-23, Yeoksam-dong, Gangnam-gu, Seoul 135-909 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/10, G02B 5/20, C03C 27/10, 17/36, B60J 3/00**

(11) **WO 2004/085147** (13) A1

(21) PCT/EP2004/050211

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) fr (26) fr

(30) BE 2003/0190 **25 Mar/mar 2003 BE (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **GLAZING FOR VEHICLES**
• **VITRAGE POUR VEHICULE**

(71) **GLAVERBEL** [BE/BE]; Chaussée de La Hulpe, 166, B-1170 Bruxelles (BE).

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

(72, 75) **MEYERS, Michel** [BE/BE]; GLAVERBEL - Centre R & D, Rue de l'Aurore, 2, B-6040 Jumet (BE). **COSTER, Dominique** [BE/BE]; GLAVERBEL - Centre R & D, Rue de l'Aurore, 2, B-6040 Jumet (BE).

(74) **FARMER, Guy et al.** / etc.; GLAVERBEL - Centre R & D, Department Intellectual Property, Rue de l'Aurore, 2, B-6040 Jumet (BE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 **B32B 17/10, 31/00**

(11) **WO 2004/085148** (13) A1

(21) PCT/US2004/008449

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/393,197 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **NON-AUTOCLAVE LAMINATED GLASS**

• **VERRE FEUILLETE NON TRAITE EN AUTOCLAVE**

(71) **CARDINAL IG COMPANY** [US/US]; 775 Prairie Center Drive, Suite 200, Eden Prairie, MN 55344 (US).

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

(72, 75) **CHICK, James, Allen**; 1149 40th Avenue, Amery, WI 54001 (US).

(74) **PARZYCH, John, S. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ **B32B 27/00**

(11) **WO 2004/085149** (13) A2

(21) PCT/US2004/008987

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 10/395,566 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **COATED MICROPOROUS SHEETS**

• **FEUILLES MICROPOREUSES ENDUITES**

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **REARICK, Brian, K.**; 1335 Parkview Drive, Allison Park, PA 15101 (US). **TRETTEL, Victoria, A.**; 830 River Forest, Freeport, PA 16229 (US). **WINTERS, Christina, A.**; 200 Buffalo Street, Freeport, PA 16229 (US). **MARTZ, Jonathan, T.**; 2509 Hamilton Avenue, Glenshaw, PA 15116 (US).

(74) **MEYERS, Diane, R. et al.** / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/10, 29/00, 29/08, 33/00, B29C 51/16, B65D 19/20, 19/34

(11) WO 2004/085150 (13) A1

(21) PCT/AU2003/001717

(22) 23 Dec/déc 2003 (23.12.2003)

(25) en (26) en

(30) 2003901369 25 Mar/mar 2003 AU (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN ENCAPSULATED STRUCTURAL ARTICLE

• ARTICLE STRUCTURAL ENCAPSULE

(71) ARMACEL PTY LIMITED [AU/AU]; 6/22 Narabang Way, Belrose, NSW 2085 (AU).

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(72, 75) MATICH, Frank [AU/AU]; 5 Nangana Road, Bayview, NSW 2085 (AU).

(74) FRASER OLD & SOHN; Level 6, 118 Alfred Street, Milsons Point, NSW 2061 (AU).

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

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

(11) WO 2004/085151 (13) A1

(21) PCT/JP2004/004246

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-085564 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-337590 29 Sep/sep 2003 JP (29.09.2003)

(30) 2003-337587 29 Sep/sep 2003 JP (29.09.2003)

(30) 2003-342351 30 Sep/sep 2003 JP (30.09.2003)

(30) 2004-017512 26 Jan/jan 2004 JP (26.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUNCTIONAL MEMBER AND METHOD FOR PRODUCTION THEREOF AND FLUID TO BE APPLIED

• ELEMENT FONCTIONNEL, SON PROCEDE DE FABRICATION ET LIQUIDE A APPLIQUER

(71) TOTO LTD. [JP/JP]; 1-1, Nakashima 2-chome, Kokura-kita-ku, Kitakyushu-shi Fukuoka, 8028601 (JP).

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(72, 75) KAMESHIMA, Junji [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kitakyushu-shi Fukuoka, 8028601 (JP). NIIMI, Yasushi [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kitakyushu-shi Fukuoka, 8028601 (JP). NAKANISHI, Makoto [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kitakyushu-shi Fukuoka, 8028601 (JP). OHASHI, Eiko [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kitakyushu-shi Fukuoka, 8028601 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/12, 3/00 // E04C 2/38

(11) WO 2004/085152 (13) A1

(21) PCT/EP2004/002129

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 13 055.1 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF A LIGHTWEIGHT BUILDING BOARD

• PROCEDE ET DISPOSITIF POUR PRODUIRE UN PANNEAU SANDWICH

(71) HOMAG HOLZBEARBEITUNGSSYSTEME AG [DE/DE]; Homagstrasse 5, 72296 Schopfloch (DE).

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(72, 75) KALMBACH, Kurt [DE/DE]; Tannenweg 1, 72275 Alpirsbach (DE). WEBER, Hans, Georg [DE/DE]; Hauserhalde 7, 72160 Horb/Betra (DE).

(74) HOFFMANN, EITL et al. / etc.; Arabellastrasse 4, 81925 München (DE).

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

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085153 (13) A2

(21) PCT/EP2004/050162

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 14 340.8 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICES FOR STORING A BLANKET TO BE EXCHANGED ON A CYLINDER OF A PRINTING MACHINE

• DISPOSITIFS DE STOCKAGE D'UN HABILLAGE A REMPLACER SUR UN CYLINDRE D'UNE MACHINE A IMPRIMER

(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 Rimpark (DE).

(74) KOENIG & BAUER AKTIENGESELLSCHAFT; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

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

(51)⁷ B41F 13/08, 13/187

(11) WO 2004/085154 (13) A1

(21) PCT/DE2003/004239

(22) 22 Dec/déc 2003 (22.12.2003)

(25) de (26) de

(30) 103 13 442.5 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYLINDER AND METHOD FOR REDUCING THE VIBRATIONS OF SAID CYLINDER

- CYLINDRE ET PROCEDE PERMETTANT DE REDUIRE LES VIBRATIONS DU CYLINDRE

(71) KOENIG & BAUER AKTIENGESSELLSCHAFT [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(72, 75) GLÖCKNER, Erhart, Herbert [DE/DE]; Wilhelm-Dohles-Str. 18, 97246 Eibelstadt (DE). HAMPL, Helmut [DE/DE]; Schlehenweg 3b, 67454 Haßloch (DE). KELLER, Bernd, Ulrich, Herbert [DE/DE]; Bergmannweg 10, 97204 Höchberg (DE). KILB, Dieter, Peter [DE/DE]; Ernst-Reuter-Str. 20, 67373 Dudenhofen (DE). RIEDEL, Uwe, Johann [DE/DE]; Lokalbahnstr. 5, 67246 Dirmstein (DE).

(74) KOENIG & BAUER AKTIENGESSELLSCHAFT; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 103 13 444.1 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYLINDER AND DEVICE FOR GUIDING A MATERIAL WEB

- CYLINDRE ET DISPOSITIF DE GUIDAGE D'UNE BANDE DE MATERIAU

(71) KOENIG & BAUER AKTIENGESSELLSCHAFT [DE/DE]; Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

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

(72, 75) RIEDEL, Uwe, Johann [DE/DE]; Lokalbahnstrasse 5, 67246 Dirmstein (DE).

(74) KOENIG & BAUER AKTIENGESSELLSCHAFT; Patente - Lizenzen, Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41F 13/187

(11) WO 2004/085156 (13) A1

(21) PCT/DE2003/004238

(22) 22 Dec/déc 2003 (22.12.2003)

(25) de (26) de

(30) 103 13 443.3 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYLINDER COMPRISING A SHAFT AND A ROTATABLE JACKET

- CYLINDRE COMPRENANT UN ARBRE ET UNE ENVELOPPE MOBILE AUTOUR DE L'ARBRE

(71) KOENIG & BAUER AKTIENGESSELLSCHAFT [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(72, 75) WEIS, Anton [DE/DE]; Mozartstr. 2, 64653 Lorsch (DE).

(74) KOENIG & BAUER AKTIENGESSELLSCHAFT; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/12

(11) WO 2004/085157 (13) A1

(21) PCT/EP2004/050154

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 14 342.4 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR STORING A BLANKET TO BE SUPPLIED TO THE CYLINDER OF A PRINTING MACHINE AND METHOD FOR SUPPLYING BLANKETS TO A CYLINDER OF A PRINTING MACHINE

- DISPOSITIF DE STOCKAGE D'UN BLANCHET DESTINE A ETRE APPLIQUE SUR UN CYLINDRE DE PRESSE ET PROCEDE D'APPLICATION DE BLANCHETS SUR UN CYLINDRE DE PRESSE

(71) KOENIG & BAUER AKTIENGESSELLSCHAFT [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 AKTIENGESSELLSCHAFT; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 103 14 343.2 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE AND METHOD FOR STORING AT LEAST TWO BLANKETS THAT ARE DRAWN OFF FROM THE SAME CYLINDER OF A PRINTING MACHINE ONE AFTER THE OTHER

- DISPOSITIF ET PROCEDE DE STOCKAGE D'AU MOINS DEUX BLANCHETS EVACUES SUCCESSIVEMENT DU MEME CYLINDRE D'UNE PRESSE

(71) KOENIG & BAUER AKTIENGESSELLSCHAFT [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 AKTIENGESSELLSCHAFT; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/12

(11) WO 2004/085159 (13) A1

(21) PCT/EP2004/050159

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 14 341.6 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICES FOR STORING A BLANKET TO BE SUPPLIED TO A CYLINDER OF A PRINTING MACHINE

• DISPOSITIFS DE STOCKAGE D'UN HABILLAGE PREVU POUR ETRE ACHEMINE A UN CYLINDRE D'UNE MACHINE A IMPRIMER

(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; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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) 103 14 344.0 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICES FOR STORING A BLANKET TO BE SUPPLIED TO A CYLINDER OF A PRINTING MACHINE

• DISPOSITIFS DE STOCKAGE D'UN HABILLAGE PREVU POUR ETRE ACHEMINE A UN CYLINDRE D'UNE MACHINE A IMPRIMER

(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; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

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

(51)⁷ B41J 2/045, 2/055

(11) WO 2004/085161 (13) A1

(21) PCT/JP2004/003919

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-079443 24 Mar/mar 2003 JP (24.03.2003)

(30) 2003-097592 1 Apr/avr 2003 JP (01.04.2003)

(30) 2003-364294 24 Oct/oct 2003 JP (24.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECORDING HEAD, CARRIAGE AND IMAGE FORMING APPARATUS

• TETE D'ENREGISTREMENT, CHARIOT ET APPAREIL DE FORMATION D'IMAGES

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

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

(72, 75) OGATA, Kenichi [JP/JP]; 3-5-203, Katsuradai 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 2270034 (JP).
YOSHIDA, Takahiro [JP/JP]; 1391-22-201, Hase, Atsugi-shi, Kanagawa 2430036 (JP).
EGUCHI, Hirotohi [JP/JP]; 3-4-410, Chuorinkan 6-chome, Yamato-shi, Kanagawa 2420007 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41J 3/36

(11) WO 2004/085162 (13) A1

(21) PCT/JP2004/004236

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-089175 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRINTING CONTROLLER AND PRINTING CONTROL PROGRAM

• DISPOSITIF ET PROGRAMME DE COMMANDE D'IMPRESSION

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).

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

(72, 75) KOIE, Kazuaki [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro, -cho, Mizuho-ku, Nagoya-shi, Aichi 4678561 (JP).
UENO, Hideo [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).
OKOCHI, Hajime [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).
SAWADA, Akihiro [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).

(74) MATSUOKA, Shuhei; Shin-toshi-center Building, 5th Floor, 24-1, Tsurumaki 1-chome Tama-shi, Tokyo 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41J 21/00

(11) WO 2004/085163 (13) A1

(21) PCT/JP2004/004404

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-089111 27 Mar/mar 2003 JP (27.03.2003)

(30) 2003-089110 **27 Mar/mar 2003 JP**
(**27.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRINT DEVICE, OUTPUT DEVICE,
AND SCRIPT GENERATION METHOD
• DISPOSITIF D'IMPRESSION, DISPOSITIF
DE SORTIE, ET METHODE DE GE-
NERATION DE SCRIPT

(71) **SEIKO EPSON CORPORATION** [JP/JP];
4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku,
Tokyo 1630811 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **MIYAZAWA, Shunsaku** [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5, Owa
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OSHIMA, Yasuhiro [JP/JP]; c/o SEIKO EP-
SON CORPORATION, 3-5, Owa 3-chome,
Suwa-shi, Nagano 3928502 (JP).

(74) **ITEC INTERNATIONAL PATENT**
FIRM; Pola-Nagoya Bldg., 9-26, Sakae
2-chome, Naka-ku, Nagoya-shi, Aichi
4600008 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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 2004/085164** (13) A1

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(22) **11 Mar/mar 2004 (11.03.2004)**

(25) ja (26) ja

(30) 2003-088805 **27 Mar/mar 2003 JP**
(**27.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRINTER AND CONTINUOUS PAPER
HOLDER ATTACHED THERETO
• IMPRIMANTE ET SUPPORT DE PA-
PIER A ALIMENTATION CONTINUE
MONTE SUR L'IMPRIMANTE

(71) **SEIKO EPSON CORPORATION** [JP/JP];
4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku,
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les États désignés sauf US)

(72, 75) **NARITA, Hiroshi** [JP/JP]; c/o SEIKO
EPSON CORPORATION, 3-5, Owa
3-chome, Suwa-shi, Nagano 3928502
(JP). **KINOSHITA, Yoshiki** [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5, Owa
3-chome, Suwa-shi, Nagano 3928502 (JP).

(74) **KAMIYANAGI, Masataka** et al. / etc.; c/o
Intellectual Property Division, SEIKO EP-
SON CORPORATION, 3-5, Owa 3-chome,
Suwa-shi, Nagano 3928502 (JP).

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

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

(11) **WO 2004/085165** (13) A1

(21) PCT/KR2004/000699

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ko (26) en

(30) 10-2003-0019724 **28 Mar/mar 2003 KR**
(**28.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORGANIC SILVER COMPOUND AND
IT'S PREPARATION METHOD, OR-
GANIC SILVER INK AND IT'S DIRECT
WIRING METHOD

• COMPOSE ORGANIQUE D'ARGENT
ET TECHNIQUE DE PREPARATION
DE CELUI-CI, ENCRE D'ARGENT
ORGANIQUE ET PROCEDE DE CA-
BLAGE DIRECT

(71) **HAEUN CHEMTEC CO. LTD.** [KR/KR];
1124, Shingil-dong, Ansan-si, Kyungki-do
425-839 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **CHUNG, Kwang Choon** [KR/KR];
9-711 Gaepo4Woosung APT., Dogok-dong,
Kangnam-gu, Seoul 135-270 (KR). **GONG,**
Myoung Seon [KR/KR]; 904 Hyundai4APT.,
Ilwon-dong, Kangnam-gu, Seoul 135-230
(KR). **SHIM, Jae Joon** [KR/KR]; 314-902
LG 3cha APT., Sungbok-li, Suji-eub, Yon-
gin-si, Kyunki-do 449-844 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/14, B42D 15/10**

(11) **WO 2004/085166** (13) A1

(21) PCT/JP2004/003648

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) ja (26) ja

(30) 2003-083202 **25 Mar/mar 2003 JP**
(**25.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTHENTICATABLE PRINTED PA-
PER AND ITS MAKING METHOD
• PAPIER IMPRIME AUTHENTIFIABLE
ET PROCEDE DE FABRICATION

(71) **NATIONAL PRINTING BUREAU IN-**
CORPORATED ADMINISTRATIVE
AGENCY [JP/JP]; 2-4, Toranomom 2-chome,
Minato-ku, Tokyo, 1058445 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KIUCHI, Masato** [JP/JP]; c/o Doku-
ritsugyouseihoujin Kokuritsuinsatsukyoku,
2-4, Toranomom 2-chome, Minato-ku, Tokyo,
1058445 (JP). **FUJII, Rie** [JP/JP]; c/o Doku-
ritsugyouseihoujin Kokuritsuinsatsukyoku,
2-4, Toranomom 2-chome, Minato-ku, Tokyo,
1058445 (JP).

(74) **YOSHITAKE, Kenji** et al. / etc.; Kyowa
Patent & Law Office, Room 323, Fuji Bldg.,
||2-3, Marunouchi 3-chome, Chiyoda-ku,
Tokyo, 1000005 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/26, G11B 7/24, 7/26**

(11) **WO 2004/085167** (13) A1

(21) PCT/JP2004/003331

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) ja (26) ja

(30) 2003-079994 **24 Mar/mar 2003 JP**
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION RECORDING
MEDIUM AND METHOD FOR MANU-
FACTURING SAME
• SUPPORT D'ENREGISTREMENT
D'INFORMATIONS ET PROCEDE DE
FABRICATION CORRESPONDANT

(71) **MATSUSHITA ELECTRIC INDUS-**
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SUENAGA, Taeko** **KOJIMA, Rie**-
ISHIHARA, Takashi **YAMADA, Noboru**

(74) **KAWAMIYA, Osamu** et al. / etc.;
AOYAMA & PARTNERS IMP Building,
3-7, Shiromi 1-chome, Chuo-ku Osaka-shi
Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/26, G11B 7/24**
- (11) **WO 2004/085168** (13) A1
- (21) PCT/JP2004/004002
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ja (26) ja
- (30) 2003-079834 **24 Mar/mar 2003 JP**
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PHASE VARIATION RECORDING
MATERIAL AND INFORMATION
RECORDING MEDIUM
- MATERIAU D'ENREGISTREMENT
A VARIATION DE PHASE ET
SUPPORT D'ENREGISTREMENT
D'INFORMATIONS
- (71) **MITSUBISHI CHEMICAL CORPO-
RATION** [JP/JP]; 33-8, Shiba 5-chome,
Minato-ku, Tokyo, 1080014 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **OHNO, Takashi** [JP/JP]; c/o Mitsubishi
Kagaku Media Corporation, Ltd., 31-19,
Shiba 5-chome, Minato-ku, Tokyo, 1080014
(JP). **HORIE, Michikazu** [JP/JP]; c/o Mit-
subishi Kagaku Media Corporation, Ltd.,
31-19, Shiba 5-chome, Minato-ku, Tokyo,
1080014 (JP).
- (74) **SENMYO, Kenji et al.** / etc.; Torimoto Ko-
gyo Bldg., 38, Kanda-Higashimatsushitacho,
Chiyoda-ku, Tokyo, 1010042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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**
- (11) **WO 2004/085169** (13) A2
- (21) PCT/US2004/008122
- (22) **16 Mar/mar 2004 (16.03.2004)**
- (25) en (26) en
- (30) 60/456,008 **19 Mar/mar 2003 US**
(19.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • GREETING CARD AND GIFT BOX
COMPOSITE

- COMBINAISON DE CARTE DE SOU-
HAITS ET DE BOITE-CADEAU
- (71, 72) **FACHON III, Emil E.** [US/US]; 51
Pricewood Drive, East Greenwich, Rhode
Island 02818 (US). **FACHON, Wendy N.**
[US/US]; 51 Pricewood Drive, East Green-
wich, Rhode Island 02818 (US). **MENDES,
Manuel J.** [US/US]; 12 Fox Tale Drive,
Johnston, Rhode Island 02919 (US).
- (74) **ZIMMERMAN, Richard D.**; Chace Rutten-
berg & Freedman, LLP, One Park Row, Suite
300, Providence, Rhode Island 02903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 **B42F 1/00, 1/02, 1/12, 9/00**
- (11) **WO 2004/085170** (13) A1
- (21) PCT/AT2004/000047
- (22) **18 Feb/fév 2004 (18.02.2004)**
- (25) de (26) de
- (30) A 465/2003 **24 Mar/mar 2003 AT**
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CLIP FOR CLIPPING SHEETS TO-
GETHER
- ATTACHE-FEUILLES CONCUE POUR
PINCER DES FEUILLES
- (71, 72) **WEINGARTNER, Peter** [AT/AT];
Redtenbachergasse 56/33, A-1160 Wien
(AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B43K 5/00**
- (11) **WO 2004/085171** (13) A2
- (21) PCT/IB2004/050355
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) nl (26) en

- (30) 1023035 **28 Mar/mar 2003 NL**
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COMBINATION OF A WRITING DE-
VICE AND A CLAMPING DEVICE
- ASSOCIATION D'UN DISPOSITIF
D'ECRITURE ET D'UN DISPOSITIF DE
SERRAGE
- (71) **BRIDEA** [NL/NL]; att: B. Roeloffs, 1ste J
v/d Heydenstraat 74 - 3V, NL-1072 TZ Ams-
terdam (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **ROELOFFS, Bob** [NL/NL]; 1ste J v/d
Heydenstraat 74 - 3V, NL-1072 TZ Amster-
dam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 **B60C**
- (11) **WO 2004/085172** (13) A2
- (21) PCT/US2004/008750
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 60/456,837 **21 Mar/mar 2003 US**
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TIRE MANAGEMENT SYSTEM AND
METHOD
- SYSTEME ET PROCEDE DE GESTION
DE PNEUS
- (71, 72) **INGRAM, Rupert, II.** [US/ZA]; 9 Mi-
norca Avenue, Somerset West, 7130 Western
Province (ZA).
- (74) **ROSEN, Valerie, B.**; Choate, Hall & Stew-
art, Exchange Place, 53 State Street, Boston,
MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/08, 9/22, 9/18, 9/02

(11) WO 2004/085173 (13) A1

(21) PCT/IB2003/001092

(22) 26 Mar/mar 2003 (26.03.2003)

(25) it (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PNEUMATIC TYRE FOR TWO WHEELED VEHICLES

• PNEUMATIQUE POUR VEHICULES A DEUX ROUES

(71) PIRELLI PNEUMATIC S.p.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

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(72, 75) MISANI, Pierangelo [IT/IT]; Via Oslavia, 30, I-20052 Monza (IT). MAR-CHINI, Maurizio [IT/IT]; Via Magenta, 34, I-20030 Seregno (IT). MARIANI, Fiorenzo [IT/IT]; Via Toti, 2, I-20046 Biassono (IT).

(74) GIANNESI, Pier, Giovanni; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

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

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

(51)⁷ B60C 9/08, 09/22, 9/18, 9/02, 19/00

(11) WO 2004/085174 (13) A1

(21) PCT/IB2003/002089

(22) 30 May/mai 2003 (30.05.2003)

(25) it (26) en

(30) PCT/IB03/01092 26 Mar/mar 2003 IB (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PNEUMATIC TYRE FOR TWO-WHEELED VEHICLES

• PNEUMATIQUE POUR VEHICULES A DEUX ROUES

(71) PIRELLI PNEUMATICI S.p.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

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

(72, 75) MARIANI, Fiorenzo [IT/IT]; Via Toti, 2, I-20046 Biassono (IT). MARIANI, Mario [IT/IT]; Via Fauché, 33, I-20154 Milano (IT). ARMELLIN, Giancarlo [IT/IT]; Via Villorosi, 42, I-20054 Nova Milanese (IT).

(74) BOTTERO, Carlo et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/13, 19/00 // 115:00

(11) WO 2004/085175 (13) A1

(21) PCT/EP2004/002624

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0303676 25 Mar/mar 2003 FR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF MOUNTING TYRES TO CIVIL ENGINEERING VEHICLES AND ASSOCIATED TYRE

• METHODE DE MONTAGE DE PNEUMATIQUES SUR ENGINS DE GENIE CIVIL ET PNEUMATIQUE ASSOCIEE

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis-Braille, 10 et 12, CH-1763 Granges-Paccot (CH).

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

(72, 75) VERRAET, Patrick [FR/FR]; 4, rue de Lezoux, F-63000 Clermont-Ferrand (FR).

(74) DIERNAZ, Christian; M. F. P. Michelin, 23, Place des Carmes Dechaux, 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B60C 23/00

(11) WO 2004/085176 (13) A2

(21) PCT/US2004/007951

(22) 13 Mar/mar 2004 (13.03.2004)

(25) en (26) en

(30) 10/394,971 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NON-ATTACHED ELECTRONIC MONITORING DEVICE FOR TIRE

• DISPOSITIF DE SURVEILLANCE DE PNEUMATIQUE NON FIXE

(71) BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC [US/US]; 535 Marriott Drive, 9th Floor, Nashville, Tennessee 37214 (US).

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

(72, 75) WILSON, Paul [US/US]; 518 Fernwood Avenue, Tallmadge, Ohio 44278 (US).

(74) VASUTA, John et al. / etc.; BRIDGESTONE AMERICAS HOLDING, INC., 1200 Firestone Parkway, Akron, OH 44317 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085177 (13) A1

(21) PCT/EP2004/003276

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 14 498.6 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOULDED PART FOR CONNECTION TO A WHEEL RIM AND WHEEL RIM WHICH IS CONNECTED TO A MOULDED PART

• PIECE MOULEE A RACCORDER A UNE JANTE ET JANTE RACCORDEE A UNE PIECE MOULEE

(71) BERU AKTIENGESELLSCHAFT [DE/DE]; Mörikestrasse 155, 71636 Ludwigsburg (DE).

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

(72, 75) HOUBEN, Hans [DE/DE]; Flussweg 13, 52146 Würselen (DE). VON WATZDORF, Henning [DE/DE]; Lichtenbergstrasse 41, 71642 Ludwigsburg (DE). ALGGAIER, Martin [DE/DE]; Maulbronnerstrasse 11, 751634 Ludwigsburg (DE).

(74) TWELMEIER, Ulrich et al. / etc.; Zerrnennerstrasse 23-25, 75172 Pforzheim (DE).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 17/015, 17/056, 21/055

(11) WO 2004/085178 (13) A1

(21) PCT/DE2004/000580

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 377.1 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTI-ROLL SYSTEM
• SYSTEME ANTI-ROULIS

(71) LUK FAHRZEUG-HYDRAULIK GMBH
& CO. KG [DE/DE]; Georg-Schaeff-
ler-Strasse 3, 61352 Bad Homburg v.d.H.
(DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AGNER, Ivo [DE/DE]; Eichenwald-
strasse 21, 77815 Bühl (DE).

(74) LUK LAMELLEN UND KUPPLUNGS-
BAU BETEILIGUNGS KG; Industries-
trasse 3, 77815 Bühl (DE).

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

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

Published / Publiée : (c)

(51)⁷ B60G 21/055

(11) WO 2004/085179 (13) A1

(21) PCT/IB2004/000912

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-092887 28 Mar/mar 2003 JP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STABILIZER CONTROL DEVICE FOR
VEHICLE
• DISPOSITIF DE COMMANDE DE STA-
BILISATEUR POUR UN VEHICULE

(71) AISIN SEIKI KABUSHIKI KAISHA
[JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi,
Aichi-ken 448-8650 (JP). TOYOTA JI-
DOSHA KABUSHIKI KAISHA [JP/JP]; 1,
Toyota-cho, Toyota-shi, Aichi-ken 471-8571
(JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TANEDA, Akiya [JP/JP]; 106-16,
Maruta, Ikeura-cho, Anjo-shi, Aichi-ken
446-0066 (JP). SUZUKI, Katsumi [JP/JP];
7-1-8, Yashiki-cho, Takahama-shi, Aichi-ken

444-1331 (JP). KOBAYASHI, Hideyuki
[JP/JP]; 4-82, Konezaki, Nakane-cho,
Toyota-shi, Aichi-ken 473-0923 (JP).
BUMA, Shuuichi [JP/JP]; c/o Toyota Ji-
dosha Kabushiki Kaisha, 1, Toyota-cho,
Toyota-shi, Aichi-ken 471-8571 (JP).
TABATA, Masaaki [JP/JP]; c/o Toyota
Jidosha Kabushiki Kaisha, 1, Toyota-cho,
Toyota-shi, Aichi-ken 471-8571 (JP).
URABABA, Shingo [JP/JP]; c/o Toyota
Jidosha Kabushiki Kaisha, 1, Toyota-cho,
Toyota-shi, Aichi 471-8571 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(11) WO 2004/085180 (13) A2

(21) PCT/US2004/008316

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/249,198 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN IMPROVED FORCED-AIR ZONE
CLIMATE CONTROL SYSTEM FOR
EXISTING RESIDENTIAL HOUSES
• SYSTEME DE REGULATION DE CLI-
MATISATION DE ZONE A AIR FORCE
AMELIORE POUR LOGEMENTS RESI-
DENTIELS EXISTANTS

(71) HOME COMFORT ZONES, INC.
[US/US]; 8239 SW Cirrus Drive, Beaverton,
OR 97008 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALLES, Harold, Gene [US/US]; 4
Morning View Lane, Lake Oswego, OR
97035 (US).

(74) VIERRA, Larry, E. et al. / etc.; Vierra Ma-
gen Marcus Harmon & DeNiro, LLP, Suite
540, 685 Market Street, San Francisco, CA
94105 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/34

(11) WO 2004/085181 (13) A1

(21) PCT/KR2004/000512

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10-2003-0018372 25 Mar/mar 2003 KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR ADJUSTING DIREC-
TION OF WIND IN VEHICLE WARM-
ING AND COOLING SYSTEM
• APPAREIL DESTINE A REGLER LA
DIRECTION DU VENT DANS UN
SYSTEME DE CHAUFFAGE ET DE
REFROIDISSEMENT DE VEHICULE

(71, 72) RYU, Jae Soo [KR/KR]; Nongsoanam
APT 102-901, Chungok-Dong, Buk-Gu, Ul-
san City 683-500 (KR).

(74) HAN, Sang Hyuk; Dugyu B/D 2F, 943-14
Daechi-dong, Kangnam-gu, Seoul 135-845
(KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

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(51)⁷ B60J

(11) WO 2004/085182 (13) A2

(21) PCT/US2004/008958

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,974 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED HARDWARE AND
CLUTCH MECHANISM FOR WIN-
DOW TREATMENT
• MATERIEL AMELIORE ET MECA-
NISME D'EMBRAYAGE POUR DEFI-
LEMENT DE FENETRE

(71) ROLLEASE, INC. [US/US]; 200 Harvard
Avenue, Stamford, CT 06902-6320 (US).

(72) FRACZEK, Richard; 56 Hubbard Avenue,
Stamford, CT 06905 (US).

(74) WEISZ, Tiberiu et al. / etc.; Gottlieb Rack-
man & Reisman P.C., 270 Madison Avenue,
New York, NY 10016-0601 (US).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ B60J 3/02

(11) WO 2004/085183 (13) A1

(21) PCT/JP2004/003890

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-085473 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUN VISOR FOR VEHICLE AND
METHOD OF MANUFACTURING THE
SAME

• PARE-SOLEIL POUR VEHICULE ET
SON PROCEDE DE FABRICATION

(71) KYOWA SANGYO CO., LTD. [JP/JP]; 1,
Koromogahara 3-chome, Toyota-shi, Aichi
471-0856 (JP). SHINWA SEIKO CO., LTD.
[JP/JP]; 2-24, Kiriya, Sasabara-cho, Toy-
ota-shi, Aichi 470-0352 (JP).

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

(72, 75) ASAI, Takashi [JP/JP]; c/o Kyowa
Sangyo Co., Ltd. 1, Koromogahara 3-chome,
Toyota-shi, Aichi 471-0856 (JP).

(74) OKADA, Hidehiko et al. / etc.; Nagoya
Chamber of Commerce & Industry Building
10-19, Sakae 2-chome, Naka-ku, Nagoya-shi,
Aichi 460-0008 (JP).

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

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

(51)⁷ B60J 10/04, 10/00

(11) WO 2004/085184 (13) A1

(21) PCT/EP2004/002836

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 13 601.0 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEALING ARRANGEMENT FOR
SEALING AND GUIDING A MOBILE
WINDOW PANE, ESPECIALLY PER-
TAINING TO A MOTOR VEHICLE

• ENSEMBLE D'ETANCHEITE DES-
TINE A ASSURER L'ETANCHEITE ET

LE GUIDAGE D'UNE VITRE DE FE-
NETRE MOBILE, EN PARTICULIER
D'UN VEHICULE AUTOMOBILE

(71) METZELER AUTOMOTIVE PROFILE
SYSTEMS GMBH [DE/DE]; Bregenzer
Strasse 133, 88131 Lindau (DE).

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

(72, 75) MUGA, Felix [ES/ES]; Huesca, 8-4 B,
E-26002 Logrono (ES). KRAUSE, Fritz
[DE/DE]; Seebachstrasse 11, 88239 Wangen
(DE).

(74) SCHÖBER, Christoph, D. et al. / etc.; Post-
fach 44 03 62, 80752 München (DE).

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

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

(51)⁷ B60J 10/08, 10/00

(11) WO 2004/085185 (13) A1

(21) PCT/IB2004/000997

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0306873.1 25 Mar/mar 2003 GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEALING, TRIMMING AND GUIDING
STRIPS

• LISIERES DE CALFEUTRAGE, DE
GARNITURE ET DE GUIDAGE

(71) GENCORP PROPERTY INC. [US/US];
P.O. Box 537012, Sacramento, CA
95853-7012 (US).

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

(72, 75) PLOTTNIK, Raymond [DE/DE]; Wil-
helm Reimes Strasse 4, 41334 Nettetal (DE).
GRÜTER, Achim [DE/DE]; Abteistrasse
10d, 41749 Viersen (DE).

(74) FOSTER, Mark, Charles; Mathisen &
Macara, The Coach House, 6-8 Swakeleys
Road, Ickenham, Uxbridge UB10 8BZ (GB).

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

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

(11) WO 2004/085186 (13) A2

(21) PCT/IB2004/000597

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,651 28 Mar/mar 2003 US
(28.03.2003)

(30) 10/419,689 21 Apr/avr 2003 US
(21.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VEHICLE WITH A DISTRIBUTED MO-
TOR

• VEHICULE A MOTEURS REPARTIS

(71, 72) PLISHNER, Paul J. [US/US]; 42 Foster
Crossing, Southampton, NY 11968 (US).

(74) RETTER, James, A. et al. / etc.; Ware, Fres-
sola, Van Der Sluys & Adolphson LLP, Brad-
ford Green, Building Five, 755 Main Street,
P.O. Box 224, Monroe, CT 06468 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 6/04

(11) WO 2004/085187 (13) A1

(21) PCT/US2004/007854

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/395,028 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYBRID ELECTRIC VEHICLES US-
ING A STERLING ENGINE

• VEHICULES ELECTRIQUES HY-
BRIDES A MOTEUR STIRLING

(71) NEW POWER CONCEPTS LLC
[US/US]; 340 Commercial Street, Man-
chester, NH 03101 (US).

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

(71, 72) SACHS, Jason, Michael [US/US]; 625
Black Brook Road, Goffstown, NH 03045
(US).

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

(72, 75) KAMEN, Dean [US/US]; 15 Westwind
Drive, Bedford, NH 03110 (US). LAN-
GENFELD, Christopher, C. [US/US]; 35
Cathedral Circle, Nashua, NH 03063 (US).
NORRIS, Michael [US/US]; 95 Mirror
Street, Manchester, NH 03104 (US).

(74) SUNSTEIN, Bruce, D. et al. / etc.;
Bromberg & Sunstein LLP, 125 Summer
Street, Boston, MA 02110-1618 (US).

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

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

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(51)⁷ B60K 13/04, F16F 7/08, 3/02, F16L 55/035

(11) WO 2004/085188 (13) A1

(21) PCT/EP2004/003088

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 568.5 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXHAUST-SYSTEM SUPPORT FOR FIXING THE EXHAUST SYSTEM OF A MOTOR VEHICLE

• SUPPORT DE CIRCUIT D'ÉCHAPPEMENT SERVANT À LA FIXATION DUDIT CIRCUIT D'UN VÉHICULE AUTOMOBILE

(71) ZEUNA-STÄRKER GMBH & CO. KG [DE/DE]; Äussere Uferstrasse 61-73, 86154 Augsburg (DE).

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

(72, 75) STAMMEL, Reinhold, Hermann [DE/DE]; Metzplatz 3, 86150 Augsburg (DE). RUTH, Wolfgang [DE/DE]; Winterstr. 10a, 86356 Neusäss (DE).

(74) STIES, Jochen et al. / etc.; Prinz & Partner, Manzingerweg 7, 81241 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/03

(11) WO 2004/085189 (13) A2

(21) PCT/EP2004/003616

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,926 28 Mar/mar 2003 US (28.03.2003)

(30) 2003/0335 2 Jun/juin 2003 BE (02.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTILAYER PLASTIC FUEL TANK AND PROCESS FOR MANUFACTURING SUCH A TANK

• RESERVOIR DE CARBURANT EN PLASTIQUE MULTICOUCHE ET PROCÉDE DE PRODUCTION DUDIT RESERVOIR

(71) INERGY AUTOMOTIVE SYSTEMS RESEARCH (SOCIÉTÉ ANONYME) [BE/BE]; Rue de Ransbeek, 310, B-1120 BRUSSELS (BE).

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

(72, 75) DUBOIS, Eric [BE/BE]; Rue Neuville, 11, B-4260 CIPLET (BE). FERHATOVIC, Dino [CA/CA]; 304-380 Pelissier Street, WINDSOR, Ontario N9A 6V7 (CA).

(74) VANDE GUCHT, Anne et al. / etc.; SOLVAY (Société Anonyme), Intellectual Property Department, Rue de Ransbeek, 310, B-1120 BRUSSELS (BE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ B60K 41/14

(11) WO 2004/085190 (13) A1

(21) PCT/EP2004/003293

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307038.0 27 Mar/mar 2003 GB (27.03.2003)

(30) 0326206.0 11 Nov/nov 2003 GB (11.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF CONTROLLING A CONTINUOUSLY VARIABLE TRANSMISSION

• PROCÉDE DE COMMANDE D'UNE TRANSMISSION À CHANGEMENT DE VITESSES CONTINU

(71) TOROTRAK (DEVELOPMENT) LIMITED [GB/GB]; 1 Aston Way, Leyland, Lancashire PR26 7UX (GB).

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(71) FIELD, Matthew, Gibson [GB/GB]; 42 Poplar Drive, Longridge, Lancashire PR3 3HS (GB). MURRAY, Stephen, William [GB/GB]; St Michaels, Preston Road, Grimsargh PR2 5SD (GB).

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(72, 75) BURKE, Matthew, Piers [GB/GB]; 34 Parson Lane, Clitheroe, Lancashire, BB7 2JP (GB).

(74) W.P. THOMPSON & CO; Coopers Building, Church Street, Liverpool LI 3AB (GB).

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

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

(51)⁷ B60K 41/22

(11) WO 2004/085191 (13) A1

(21) PCT/EP2004/002948

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 327.0 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTROLLING AN ENGINE ASSEMBLY

• PROCÉDE DE COMMANDE D'UN ENSEMBLE MOTEUR

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).

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(72, 75) HÖFLER, Hans [DE/DE]; Auf dem Ruhbühl 187, 88090 Immenstaad (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

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

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

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(51)⁷ B60K 41/24, F16D 48/06

(11) WO 2004/085192 (13) A1

(21) PCT/EP2004/002944

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 337.8 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR ACTUATING AN ENGINE ASSEMBLY FOR DRIVING A MOTOR VEHICLE

• PROCEDE POUR FAIRE FONCTIONNER UN ENSEMBLE MOTEUR SERVANT A L'ENTRAINEMENT D'UN VEHICULE AUTOMOBILE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
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(72, 75) LEBER, Fritz [DE/DE]; Birnenweg 3, 88048 Friedrichshafen (DE). LEGNER, Jürgen [DE/DE]; Schlosshaldenweg 23, 88048 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

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

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

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(51)⁷ B60K 41/28, F04C 15/00

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(21) PCT/EP2004/002945

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 329.7 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENGINE ASSEMBLY FOR DRIVING A MOTOR VEHICLE

• ENSEMBLE MOTEUR POUR L'ENTRAINEMENT D'UN VEHICULE AUTOMOBILE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
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(72, 75) LEGNER, Jürgen [DE/DE]; Schlosshaldenweg 23, 88048 Friedrichshafen (DE). REBHOLZ, Wolfgang [DE/DE]; Riedleparkstrasse 32/1, 88045 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

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

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

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(51)⁷ B60L 11/18

(11) WO 2004/085194 (13) A1

(21) PCT/KR2004/000681

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0018435 25 Mar/mar 2003 KR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN ELECTRIC AUTOMOBILE
• AUTOMOBILE ELECTRIQUE

(71, 72) CHOI, Jung Hun [KR/KR]; 875-37 Duam 1-Dong, Bug-Gu, Kwangju 500-101 (KR).

(74) LEE, Jea Ryang; 5F, Gwangju Small & Medium Business Support Center, 621-15 Dochen-Dong, Gwangsan-Gu, Kwangju 506-301 (KR).

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

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

(11) WO 2004/085195 (13) A2

(21) PCT/US2004/007309

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 60/455,994 19 Mar/mar 2003 US (19.03.2003)

(30) 10/797,775 10 Mar/mar 2004 US (10.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOAD BEARING VEHICLE FLOOR MATS

• TAPIS DE PLANCHER PORTEURS POUR VEHICULES

(71) COLLINS & AIKMAN PRODUCTS CO. [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).

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(72, 75) SEHMER, Steven G. [US/US]; 8353 Turquoise Avenue, North Canton, OH 44721 (US). PUTT, Maureen R. [US/US]; 5054 Monticello Avenue NW, Canton, OH 44708 (US). JEZEWSKI, Michael C. [US/US]; 1375 Battlesburg SW, East Sparta, OH 44626 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/22

(11) WO 2004/085196 (13) A1

(21) PCT/DE2004/000576

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 14 477.3 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEAT ARRANGEMENT FOR A MOTOR VEHICLE SEAT

• ENSEMBLE DE SIEGE POUR UN SIEGE DE VEHICULE AUTOMOBILE

(71) BROSE FAHRZEUGTEILE GMBH & CO. KG, COBURG [DE/DE]; Ketschendorfer Str. 38-50, 96450 Coburg (DE).
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(72, 75) FISCHER, Matthias [DE/DE]; Wöztelsdorf 17, 96317 Kronach (DE). HOFMANN, Jochen [DE/DE]; Am Eichberg 3, 96257 Marktgraitz (DE).

(74) DR. BAUMGÄRTEL, Gunnar; Patentanwälte, Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

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

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

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

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(51)⁷ B60N 2/66, A47C 7/44, B60N 2/70, 2/72

(11) WO 2004/085197 (13) A1

(21) PCT/DE2004/000502

(22) 10 Mar/mar 2004 (10.03.2004)

(25) de (26) de

(30) 203 05 074.6 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BACKREST FOR A VEHICLE SEAT
• DOSSIER CONÇU POUR UN SIEGE DE VEHICULE

(71) BROSE FAHRZEUGTEILE GMBH & CO. KG COBURG [DE/DE]; Ketschendorfer Strasse 38-50, 96450 Coburg (DE).
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(72, 75) HOFMANN, Jochen [DE/DE]; Am Eichberg 3, 96257 Marktgraitz (DE). BAUERSACHS, Andrea [DE/DE]; Siedlerstrasse 37, 96237 Ebersdorf (DE). FORKEL, Michael [DE/DE]; Untere Klinge 16, 96450 Coburg (DE).

(74) BAUMGÄRTEL, Gunnar; Patentanwälte, Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

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

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

(51)⁷ B60P

(11) WO 2004/085198 (13) A2

(21) PCT/US2004/008315

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/395,861 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR LOADING AND UNLOADING A STORAGE CONTAINER WITH RESPECT TO A TRANSPORT VEHICLE AND ASSOCIATED SYSTEM AND METHOD

• DISPOSITIF DE CHARGEMENT ET DE DECHARGEMENT D'UN CONTENEUR DE STOCKAGE PAR RAPPORT A UN VEHICULE DE TRANSPORT ET SYSTEME ET PROCEDE ASSOCIES

(71) PACK-RAT MINI-MOVER L.L.C. [US/US]; 128 Deer Creek Run, Louisburg, NC 27549 (US).

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(72, 75) LOCKAMY, Timothy, Aaron [US/US]; 128 Deer Creek Run, Louisburg, NC 27549 (US). BYRD, Edward, Morton [US/US]; 3344 Alamance Road, Burlington, NC 27215 (US). THISSE, Thor, Robert [US/US]; 2178 Hardin Reynolds Road, Critz, VA 24082 (US).

(74) LYN, Kevin, R. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60P 7/00

(11) WO 2004/085199 (13) A2

(21) PCT/IB2004/000810

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003/2317 25 Mar/mar 2003 ZA (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A LOAD CARRYING VEHICLE
• VEHICULE DE TRANSPORT DE CHARGES

(71, 72) LONG, Mark, James [ZA/ZA]; 5 Glenmore Close, Assagay, 3610 Pinetown (ZA).

(74) ROTTEVEEL, Martin; Adams & Adams, Private Bag 16, 7 Nollsworth Crescent, Nollsworth, La Lucia Ridge Office Estate, La Lucia, 4320 Umhlanga (ZA).

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

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

(51)⁷ B60R

(11) WO 2004/085200 (13) A2

(21) PCT/US2004/007906

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/393,445 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MIRROR ASSEMBLY WITH MULTI-COLOR ILLUMINATION
• ENSEMBLE RETROVISEUR AVEC ECLAIRAGE MULTICOLE

(71) GENTEX CORPORATION [US/US]; 600 North Centennial Street, Zeeland, MI 49464 (US).
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(72, 75) NISHIJIMA, Kazuhiko [JP/JP]; 1-18-1-514 Shinike-cho, Chikusa-ku, NAGOYA 464-0027 (JP). BONARDI, Timothy A. [US/US]; 14864 Broceus School Road, Buchanan, MI 49107 (US). ROBERTS, John K. [US/US]; 1061 Plymouth Ave., S.E., East Grand Rapids, MI 49506 (US). VAN KLOMPENBERG, Kenton [US/US]; 10417 Riverwalk Drive, Holland, MI 49424 (US).

(74) DOLCE, Marcus P.; Price, Heneveld, Cooper, DeWitt & Litton, LLP, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501-2567 (US).

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

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

(51)⁷ B60R

(11) WO 2004/085201 (13) A2

(21) PCT/US2004/008307

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/394,470 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLUTCH ACTUATOR SURFACE APPARATUS AND METHOD
• APPAREIL DE SURFACE D'ACTIONNEUR D'EMBRAYAGE ET PROCEDE ASSOCIE

(71) L & P PROPERTY MANAGEMENT COMPANY [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).
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(72, 75) LIU, Jintao [CA/CA]; 3146 Regis Avenue, Windsor, Ontario N8R 1T8 (CA). LEE, Harold [CA/CA]; 1078 Peach Blossom Crescent, Windsor, Ontario N9G 2R4 (CA).

(74) RUSCHE, H., Frederick et al. / etc.; Husch & Eppenberger, LLC, 190 Carondelet Plaza, Suite 600, St. Louis, MO 63105 (US).

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

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

(51)⁷ B60R

(11) WO 2004/085202 (13) A2

(21) PCT/US2004/008513

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,692 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROGRAMMABLE MULTI-FUNCTION SWITCH AND DISPLAY
• COMMUTATEUR ET INDICATEUR MULTIFONCTION PROGRAMMABLE

(71) VOLVO TRUCKS NORTH AMERICA, INC. [US/US]; 7900 National Service Road, Greensboro, NC 27402 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARR, Steve [US/US]; 212 Wyndham Avenue, Hight Point, NC 27265 (US).

(74) HINTON, Jennifer, Nock; Watts Hoffman Co., L.P.A., P.O.Box 99839, Cleveland, OH 44199-0839 (US).

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

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

(51)⁷ B60R

(11) WO 2004/085203 (13) A2

(21) PCT/US2004/008678

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/392,596 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ATTACHMENT FOR DECORATIVE OBJECTS FOR VEHICLES
• ATTACHE POUR OBJETS DE DECORATION SUR UN VEHICULE

(71, 72) GACOS, John, C, II [US/US]; 218 Boston Boulevard, Sea Girt, NJ 08759 (US).
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(74) BUFF, Ernest, D.; Ernest D. Buff & Associates, 231 Somerville Road, Bedminster, NJ 07921 (US).

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

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

(51)⁷ B60R

(11) WO 2004/085204 (13) A2

(21) PCT/US2004/008869

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,653 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOTOR VEHICLE AIRBAG AND FABRIC FOR USE IN SAME
• COUSSIN DE SECURITE GONFLABLE POUR VEHICULE MOTEUR ET TISSU DESTINE AUDIT COUSSIN

(71, 72) BASS, Claire, B. [US/US]; 372 Connecticut Avenue, Spartanburg, SC 29302 (US).

(74) KILLEN, Craig, N. et al. / etc.; Nelson Mullins Riley & Scarborough, P.O. Box 11070, Columbia, SC 29211 (US).

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

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

(11) WO 2004/085205 (13) A1

(21) PCT/JP2004/003891

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-082806 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DOOR MIRROR WITH LIGHT BODY
• RETROVISEUR DE PORTE A CORPS LUMINEUX

(71) MITSUBA CORPORATION [JP/JP]; 2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 376-8555 (JP).

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(72, 75) TAKAHASHI, Yoshihiro [JP/JP]; c/o Mitsuba Corporation, 2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 376-8555 (JP). FUKASAWA, Yosuke [JP/JP]; c/o Mitsuba Corporation, 2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 376-8555 (JP). ISHIZAWA, Motosuke [JP/JP]; c/o Mitsuba Corporation 2681, Hirosawacho 1-chome, Kiryu-shi, Gunma 376-8555 (JP). UMEZAWA, Takao [JP/JP]; c/o Os-hima Electric Works Co., Ltd., 135-10, Nishishin-machi, Ota-shi, Gunma 373-0847 (JP).

(74) HIROSE, Tetsuo; Nakanishi Bldg. 5th Floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo 101-0065 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/074, 1/07, H02H 7/085

(11) WO 2004/085206 (13) A1

(21) PCT/AU2004/000386

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003901355 25 Mar/mar 2003 AU (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER FOLD MIRROR CONTROL CIRCUIT AND METHOD
• CIRCUIT ET PROCEDURE DE COMMANDE DE MIROIR A REPLI ALIMENTE

(71) SCHEFENACKER VISION SYSTEMS AUSTRALIA PTY LTD [AU/AU]; Sher-riffs Road, Lonsdale, S.A. 5160 (AU).
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(72, 75) KAY, Donald [AU/AU]; 107A Bur-bridge Road, Hilton, S.A. 5033 (AU).

(74) MADDERN; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/08, 1/07, 1/062, 1/074
(11) WO 2004/085207 (13) A1
(21) PCT/DE2004/000478
(22) 11 Mar/mar 2004 (11.03.2004)
(25) de (26) de
(30) 103 13 569.3 26 Mar/mar 2003 DE
(26.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • REARVIEW MIRROR FOR VEHICLES,
PREFERABLY MOTOR VEHICLES
• RETROVISEUR POUR VEHICULES,
EN PARTICULIER POUR VEHICULES
AUTOMOBILES
(71) SCHEFENACKER VISION SYSTEMS
GERMANY GMBH & CO. KG [DE/DE];
Eckenerstr. 2, 73730 Esslingen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) AUTENRIETH, Andreas [DE/DE];
Öhrichstr. 7, 73235 Weilheim/Teck (DE).
(74) KOHL, Karl-Heinz et al. / etc.; Stuttgarter
Str. 115, 70469 Stuttgart (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ B60R 11/00, 11/06
(11) WO 2004/085208 (13) A1
(21) PCT/EP2004/002485
(22) 11 Mar/mar 2004 (11.03.2004)
(25) de (26) de
(30) 103 14 030.1 28 Mar/mar 2003 DE
(28.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DEVICE FOR FIXING A HOUSING, IN
PARTICULAR OF A MOTOR-VEHICLE
BATTERY, TO A SUPPORT
• DISPOSITIF PERMETTANT DE FIXER
A UN SUPPORT UN BOITIER, NO-
TAMMENT LE BOITIER DE BATTERIE
D'UN VEHICULE AUTOMOBILE
(71) A. RAYMOND & CIE [FR/FR]; 113, Cours
Berriat, F-38028 Grenoble (FR).
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les États désignés sauf US)

- (72, 75) BOVILLE, Daniel [FR/FR]; 45, rue des
Prairies, F-75020 Paris (FR).
(74) RÜTTGERS, Joachim; A. Raymond GmbH
& Co. KG, Teichstr. 57, 79539 Lörrach (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)
(51)⁷ B60R 16/02, H05K 7/20
(11) WO 2004/085209 (13) A1
(21) PCT/GB2004/001197
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 0306917.6 26 Mar/mar 2003 GB
(26.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • A VEHICLE ELECTRONIC CONTROL
UNIT
• UNITE DE COMMANDE ELECTRO-
NIQUE DE VEHICULE
(71) TRW LIMITED [GB/GB]; Stratford Road,
Solihull, West Midlands B90 4AX (GB).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) HEATHCOTE, Geoffrey, Leslie
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tershire GL8 8ED (GB). KONCKI, Marek,
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ton Keynes, Swindon, Wiltshire SN6 6PD
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Bassett, Wiltshire SN4 7DX (GB). THOMP-
SON, Mark, Daniel [GB/GB]; 97 The Old
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GL6 2NH (GB).
(74) BARKER BRETTELL; 138 Hagley Road,
Edgbaston, Birmingham B16 9PW (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/16, 21/22
(11) WO 2004/085210 (13) A1
(21) PCT/SE2004/000045
(22) 16 Jan/jan 2004 (16.01.2004)
(25) en (26) en
(30) 0306749.3 24 Mar/mar 2003 GB
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • AN AIR-BAG
• AIRBAG
(71) AUTOLIV DEVELOPMENT AB [SE/SE];
S-447 83 Vårgårda (SE).
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les États désignés sauf US)
(72, 75) KISMIR, Altay [CA/CA]; 129 Queen
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(74) MEULLER, Erik; Autoliv Development
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
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VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 25/00
(11) WO 2004/085211 (13) A2
(21) PCT/CA2004/000469
(22) 26 Mar/mar 2004 (26.03.2004)
(25) en (26) en
(30) 0306898.8 26 Mar/mar 2003 GB
(26.03.2003)
(30) 60/547,427 26 Feb/fév 2004 US
(26.02.2004)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • VEHICLE PROXIMITY ALARM SYS-
TEM AND METHOD
• SYSTEME ET PROCEDE D'ALARME
DE PROXIMITE DE VEHICULE
(71) RF ACTION DETECTION INC.
[CA/CA]; 92 Rang Double, St-Charles
Borromée, Québec J6E 7Y8 (CA).
(for all designated States except / pour tous
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(72, 75) BOUCHARD, Michel [CA/CA]; 92
Rang Double, St-Charles Borromée, Québec
J6E 7Y8 (CA). AUDET, Jacques [CA/CA];
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1G3 (CA). BERGERON, Alain [CA/CA];
350 chemin de la Rive Boisée, Apt. 804,
Pierrefond, Québec H8Z 3K5 (CA).
(74) OGILVY RENAULT; 1981 McGill College
Avenue, Suite 1600, Montréal, Québec H3A
2Y3 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

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

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

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(21) PCT/KR2003/000674

(22) 4 Apr/avr 2003 (04.04.2003)

(25) ko (26) en

(30) 10-2003-0018936 26 Mar/mar 2003 KR
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTITHEFT AND ALARM APPARA-
TUS FOR AUTOMOBILE

• DISPOSITIF ANTIVOL ET ALARME
POUR AUTOMOBILE

(71) KIM, Kwan Ho [KR/KR]; 486-23,
Banghwa-dong, Gangseo-gu, Seoul 157-220
(KR).

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les États désignés sauf US)

(71, 72) KIM, Young Hoon [KR/KR]; 486-23,
Banghwa-dong, Gangseo-gu, Seoul 157-220
(KR).

(74) CHUNG, Byung Ho; 3F, Jeonwon Bldg.,
669-6, Yeoksam-dong, Kangnam-gu, Seoul
135-915 (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 B60R 25/04

(11) WO 2004/085213 (13) A1

(21) PCT/GB2004/001274

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003/0219 25 Mar/mar 2003 IE
(25.03.2003)

(30) 0322314.6 24 Sep/sep 2003 GB
(24.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECURITY AUTHORISATION SYS-
TEM

• SYSTEME D'AUTORISATION DE SE-
CURITE

(71, 72) THOMPSON, Milton [GB/IE]; 7 Hill
Street, Wexford Town, Country Wexford (IE).

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

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

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(51)⁷ B60R 25/04, 25/10

(11) WO 2004/085214 (13) A1

(21) PCT/JP2004/004365

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-088966 27 Mar/mar 2003 JP
(27.03.2003)

(30) 2003-088968 27 Mar/mar 2003 JP
(27.03.2003)

(30) 2003-088971 27 Mar/mar 2003 JP
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(27.03.2003)

(30) 2003-088970 27 Mar/mar 2003 JP
(27.03.2003)

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(27.03.2003)

(30) 2004-083625 22 Mar/mar 2004 JP
(22.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VEHICLE THEFT PREVENTION SYS-
TEM

• SYSTEME ANTI-VOL DE VEHICULE

(71) KUBOTA CORPORATION [JP/JP];
1-2-47, Shikitsuhigashi, Naniwa-ku, Os-
aka-shi, Osaka 556-8601 (JP).

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(72, 75) MATSUMOTO, Atsushi [JP/JP]; c/o
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Ishizukitamaichi, Sakai-shi, Osaka 590-0823
(JP). MIURA, Keisuke [JP/JP]; c/o Kubota
Corporation Sakai Seizosho, 64, Ishizuki-
tamaichi, Sakai-shi, Osaka 590-0823 (JP).
NISHI, Eiji [JP/JP]; c/o Kubota Corpora-
tion Sakai Seizosho, 64, Ishizukitamaichi,
Sakai-shi, Osaka 590-0823 (JP).

(74) YASUDA, Toshio; Yasuda & Okamoto, 7 &
6th Floor, Shori Building, 7-19, Takaida-hon-
dori 7-chome, Higashi-Osaka-shi, Osaka 577-
0066 (JP).

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

DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

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(51)⁷ B60S 1/16

(11) WO 2004/085215 (13) A1

(21) PCT/DE2003/003967

(22) 2 Dec/déc 2003 (02.12.2003)

(25) de (26) de

(30) 103 13 734.3 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRIC DRIVE UNIT

• UNITE D'ENTRAINEMENT ELEC-
TRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
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(81) BR 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 B60S 1/16, F16H 55/24, 57/12, 1/16

(11) WO 2004/085216 (13) A1

(21) PCT/DE2004/000155

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 103 13 226.0 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRIC DRIVE UNIT

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TRIQUE

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(74) ROBERT BOSCH GMBH; Postfach 30 02
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC

- LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
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- (51)⁷ **B60S 1/24, 1/04**
- (11) **WO 2004/085217** (13) A1
- (21) PCT/DE2004/000399
- (22) **2 Mar/mar 2004 (02.03.2004)**
- (25) de (26) de
- (30) 103 13 540.5 **26 Mar/mar 2003 DE**
(**26.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • WINDSHIELD WIPING DEVICE
• SYSTEME D'ESSUIE-GLACE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Post-
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- (72, 75) **KNAUF, Richard** [DE/FR]; Rue du
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[DE/DE]; Aichstrasse 43, 71088 Holzgerlin-
gen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
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- (51)⁷ **B60S 1/52**
- (11) **WO 2004/085218** (13) A1
- (21) PCT/EP2004/002806
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) de (26) de
- (30) 103 14 422.6 **28 Mar/mar 2003 DE**
(**28.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOZZLE ASSEMBLY FOR A WIND-
SCREEN WASHER SYSTEM OF A
VEHICLE
• ENSEMBLE AJUTAGE CONÇU POUR
UN DISPOSITIF DE LAVE-GLACE
D'UN VEHICULE
- (71) **VALEO SYSTEMES D'ESSUYAGE**
[FR/FR]; 8, rue Louis Lormand, Z.A. de
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- (72, 75) **LASEBNICK, Uwe** [DE/DE];
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- (74) **JAHN, Wolf-Diethart; Valco Wischer-**
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- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/22, G05D 1/02**
- (11) **WO 2004/085219** (13) A1
- (21) PCT/FI2004/000173
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 20030439 **25 Mar/mar 2003 FI**
(**25.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ARRANGEMENT IN CONNECTION
WITH UNMANNED MINE VEHICLE
• DISPOSITIF EN RELATION AVEC UN
VEHICULE MINIER SANS PILOTE
- (71) **SANDVIK TAMROCK OY** [FI/FI]; Pi-
htisulunkatu 9, FI-33330 Tampere (FI).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **MÄKELÄ, Hannu** [FI/FI]; Re-
povuorentie 7 B D, FI-00670 Helsinki (FI).
- (74) **KOLSTER OY AB; Iso Roobertinkatu 23,**
P.O. Box 148, FI-00121 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG

- ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 **B60T 8/00, B60K 31/00, B60T 7/22, 7/12,**
8/32, B60R 21/01
- (11) **WO 2004/085220** (13) A1
- (21) PCT/EP2004/050384
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) de (26) de
- (30) 103 13 650.9 **26 Mar/mar 2003 DE**
(**26.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ELECTRONIC CONTROL SYSTEM
FOR A VEHICLE AND METHOD
FOR DETERMINING AT LEAST ONE
DRIVER-INDEPENDENT INTERVEN-
TION IN A VEHICLE SYSTEM
• SYSTEME DE COMMANDE ELEC-
TRONIQUE D'UN VEHICULE ET PRO-
CEDE PERMETTANT DE DETERMI-
NER AU MOINS UNE INTERVENTION,
INDEPENDANTE DU CONDUCTEUR,
DANS UN SYSTEME VEHICULE
- (71) **CONTINENTAL TEVES AG & CO. OHG**
[DE/DE]; Guerickestrasse 7, 60488 Frankfurt
am Main (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **DIEBOLD, Jürgen** [DE/DE]; An den
Krautgärten 23, 65760 Eschborn (DE).
KLUG, Michael [DE/DE]; Goethestrasse
53, 63225 Langen (DE).
- (74) **CONTINENTAL TEVES AG & CO.**
OHG; Guerickestrasse 7, 60488 Frankfurt
am Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ **B61B 12/06**
- (11) **WO 2004/085221** (13) A1
- (21) PCT/AT2004/000015
- (22) **20 Jan/jan 2004 (20.01.2004)**
- (25) de (26) de
- (30) A 480/2003 **26 Mar/mar 2003 AT**
(**26.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DEVICE AND METHOD FOR CAP-
TURING A TRACTION ROPE OF AN
AERIAL ROPEWAY OR A T BAR

- DISPOSITIF ET PROCEDE POUR RECEVOIR UN CABLE DE TRACTION D'UN TELEPHERIQUE OU D'UN REMONTE-PENTE

(71, 72) ENGEL, Edwin [AT/AT]; In der Hagenau 6/7, A-1130 Wien (AT). OSTERMANN, Norbert [AT/AT]; Anzbachgasse 78, A-1104 Wien (AT).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 B61D 23/02, B60R 3/02

(11) WO 2004/085222 (13) A1

(21) PCT/EP2004/001667

(22) 20 Feb/fév 2004 (20.02.2004)

(25) de (26) de

(30) A 472/2003 25 Mar/mar 2003 AT (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RETRACTABLE STEP

• MARCHE COULISSANTE

(71) KNORR-BREMSE GES. M.B.H. [AT/AR]; Beethovengasse 43-45, A-2340 Mödling (AT).

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

(72, 75) TAZREITER, Andreas [AT/AT]; Am Moos 37, A-3340 Waidhofen a.d. Ybbs (AT).

(74) SCHÖNMANN, Kurt; c/o Knorr-Bremse AG, Patentabteilung, Moosacher Strasse 80, 80809 München (DE).

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

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

(51)⁷ B62B 17/04, 13/04

(11) WO 2004/085223 (13) A1

(21) PCT/CH2004/000179

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03405203.5 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SNOW-SLIDING DEVICE

• ENGIN DE GLISSE SUR NEIGE

(71, 72) STOLL, Alain [CH/CH]; Chemin de la Marnière 14A, CH-2504 Bienne (CH).

(74) GLN; Gresset & Laesser Neuchâtel, Puits-Godet 8A, CH-2000 Neuchâtel (CH).

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

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

Published / Publiée : (c)

(51)⁷ B62D 1/16, 5/04

(11) WO 2004/085224 (13) A1

(21) PCT/JP2003/015152

(22) 27 Nov/nov 2003 (27.11.2003)

(25) ja (26) ja

(30) 2003-84924 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEERING DEVICE

• DISPOSITIF DE GUIDAGE

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP). NSK STEERING SYSTEMS CO., LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-0032 (JP).

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

(72, 75) CHIKARAISHI, Kazuo [JP/JP]; c/o NSK Steering Systems Co., Ltd., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 371-0853 (JP).

(74) TAMURA, Keijiro et al. / etc.; 8th Floor, Masumoto Bldg., 4-3, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) DE GB US.

(51)⁷ B62D 1/18

(11) WO 2004/085225 (13) A1

(21) PCT/JP2004/003515

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-085692 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEERING DEVICE FOR MOTOR VEHICLE

• DISPOSITIF DE DIRECTION POUR VEHICULE A MOTEUR

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome Shinagawa-ku Tokyo, 1418560 (JP). NSK STEERING SYSTEMS CO. LTD. [JP/JP]; 6-3, Ohsaki 1-chome Shinagawa-ku Tokyo, 1418560 (JP).

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

(72, 75) SAWADA, Naoki [JP/JP]; c/o NSK STEERING SYSTEMS CO., LTD. 8-1, Soja-machi 1-chome Maebashi-shi Gunma, 3718528 (JP). TOMARU, Yuichi [JP/JP]; c/o NSK STEERING SYSTEMS CO., LTD. 8-1, Soja-machi 1-chome Maebashi-shi Gunma, 3718528 (JP).

(74) INOUE, Yoshio; 3F, Garoh Bldg., 1-4, Nihonbashi 3-chome Chuo-ku, Tokyo 1030027 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085226 (13) A2

(21) PCT/PH2003/000011

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) 0303000276 26 Mar/mar 2003 TH (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEERING ROTATION COLUMN LOCK HANDLE CONNECT THE LOCK ON THE FLOOR

• POIGNEE DE VERROUILLAGE DE COLONNE DE DIRECTION ROTATIVE CONCUE POUR RELIER LE VERROU AU SOL

(71, 72) ELADIO, Ylagan N., III [PH/PH]; 94-A Banawe Street, cor. Macopa Street, Quezon City (PH).

(74) NAVARRO III, CONSTANTINO L.; Managing Partner, Cruz Cruz & Navarro III Law Office, 602 Centerpoint., J. Vargas, Ortigas Complex, Pasig City (PH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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), (n)

Declarations / Déclarations :

(u) for / pour US only / seulement

(v) for all designations / pour toutes les désignations

(51)⁷ B62D 1/19

(11) WO 2004/085227 (13) A1

(21) PCT/EP2004/001463

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 103 13 468.9 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEERING COLUMN ASSEMBLY FOR A MOTOR VEHICLE COMPRISING AN ENERGY ABSORBING ELEMENT

• ENSEMBLE COLONNE DE DIRECTION POUR UN VEHICULE AUTOMOBILE COMPORTANT UN ELEMENT D'ABSORPTION D'ENERGIE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-lestrasse 225, 70567 Stuttgart (DE).

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

(72, 75) GARZKE, Martin [DE/DE]; Am Frauenberg 13, 99734 Nordhausen (DE). SCHULIERS, Wolfgang [DE/DE]; Kurze Strasse 2a, 21244 Buchholz (DE).

(74) BRÜCKNER, Ingo et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

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

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

(11) WO 2004/085228 (13) A1

(21) PCT/EP2004/001464

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 103 13 469.7 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEERING COLUMN ASSEMBLY FOR A MOTOR VEHICLE

• ENSEMBLE COLONNE DE DIRECTION POUR UN VEHICULE AUTOMOBILE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-lestrasse 225, 70567 Stuttgart (DE).

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

(72, 75) VON GLINOWIECKI, Jörg [DE/DE]; Milanweg 15, 21391 Reppenstedt (DE).

(74) BRÜCKNER, Ingo et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IMP - C106, 70546 Stuttgart (DE).

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

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

(11) WO 2004/085229 (13) A1

(21) PCT/EP2004/001465

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 103 13 470.0 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEERING COLUMN ASSEMBLY FOR A MOTOR VEHICLE COMPRISING AN ENERGY ABSORBING ELEMENT

• ENSEMBLE COLONNE DE DIRECTION POUR UN VEHICULE AUTOMOBILE COMPORTANT UN ELEMENT D'ABSORPTION D'ENERGIE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-lestrasse 225, 70567 Stuttgart (DE).

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

(72, 75) GARZKE, Martin [DE/DE]; Am Frauenberg 13, 99734 Nordhausen (DE). SCHULIERS, Wolfgang [DE/DE]; Kurze Strasse 2a, 21244 Buchholz (DE).

(74) BRÜCKNER, Ingo et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 25/08

(11) WO 2004/085230 (13) A2

(21) PCT/FR2004/000635

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/03244 17 Mar/mar 2003 FR (17.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FRONT PANEL MODULE FOR MOTOR VEHICLE

• MODULE DE FACE AVANT DE VEHICULE AUTOMOBILE

(71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis-Lormand, F-78321 Le Verrier (FR).

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

(72, 75) HARAND, Pascal [FR/FR]; 16, rue Kleber, F-78190 Trappes (FR). LANARD, Jean-Louis [FR/FR]; 49, Grasse Village, F-78310 Feucherolles (FR).

(74) ROLLAND, Jean-Christophe; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (FR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/24

(11) WO 2004/085231 (13) A1

(21) PCT/EP2004/003123

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 203 04 994.2 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BODY FILLER PLUG

• OBTURATEUR DE CARROSSERIE

(71) TRW AUTOMOTIVE ELECTRONICS & COMPONENTS GMBH & CO. KG [DE/DE]; Am Pulverhäuschen 7, 67677 Enkenbach-Alsenborn (DE). VOLKSWAGEN AG [DE/DE]; 38436 Wolfsburg (DE).

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

(72, 75) JATZKE, Stefan [DE/DE]; Neugasse 13, 67280 Ebertsheim (DE). BEUMANN, Herbert [DE/DE]; Weimarer Strasse 42, 38350 Helmstedt (DE).

(74) SULZBACH, Werner; Prinz & Partner GbR, Manzingerweg 7, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

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

Published / Publiée : (c)

(51)⁷ B62D 43/00

(11) WO 2004/085232 (13) A2

(21) PCT/FR2004/000614

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/03337 19 Mar/mar 2003 FR
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SPARE WHEEL CONTAINER AND
THE REAR STRUCTURAL DESIGN OF
A VEHICLE PROVIDED WITH SAID
CONTAINER

- BAC POUR ROUE DE SECOURS ET
STRUCTURE ARRIERE DE VEHICULE
COMPORTANT LEDIT BAC

(71) RENAULT s.a.s. [FR/FR]; 13-15, quai
Alphonse Le Gallo, F-92100 Boulogne-Bil-
lancourt (FR).

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

(72, 75) VIVERO, François [FR/FR]; 13, square
du Dragon, F-78150 Le Chesnay (FR).

(74) GUYON, Rodolphe; Renault Technocentre,
See 0267 - TCR GRA 1 55, 1, avenue du Golf,
F-78288 Guyancourt (FR).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 65/00, B25J 9/06, B23K 37/04

(11) WO 2004/085233 (13) A1

(21) PCT/JP2004/003256

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-082134 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • POSITIONING JIG DEVICE FOR VEHI-
CLE BODY FRAME

- GABARIT DE POSITIONNEMENT
POUR L'OSSATURE DE CAISSE D'UN
VEHICULE

(71) HONDA MOTOR CO., LTD. [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) YAMAOKA, Naoji [JP/JP]; c/o Honda
Engineering Kabushiki Kaisha, 10-1, Shin-
sayama 1-chome, Sayama-shi, Saitama 350-
1381 (JP). MIWA, Teiji [JP/JP]; c/o Honda
Engineering Kabushiki Kaisha, 10-1, Shin-
sayama 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ B62K

(11) WO 2004/085234 (13) A2

(21) PCT/US2004/008614

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,727 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • BICYCLE TOWING DEVICE

- DISPOSITIF DE REMORQUAGE DE
BICYCLETTE

(71) ISOTEC, INC. [US/US]; 2762 Garden
Grove Blvd., Suite G, Garden Grove, CA
92841 (US).

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

(72, 75) GIESE, Curtis, Frederick [US/US];
17157 Buttonwood Street, Fountain Valley,
CA 92708 (US).

(74) BLANCHE, Bradley, D.; Paul, Hastings,
Janofsky and Walker LLP, P.O. Box 919092,
San Diego, CA 92191-9092 (US).

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

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

(51)⁷ B62L 1/00, 3/02, F16D 55/228

(11) WO 2004/085235 (13) A1

(21) PCT/IB2004/000874

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 0303974 27 Mar/mar 2003 FR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DISC BRAKE FOR OFF-ROAD OR
ROAD BICYCLES, WITH A CALLIPER
BUILT INTO THE FRONT FORK OR
THE REAR WHEEL FRAME OF THE
BICYCLE STRUCTURE

- FREIN À DISQUE POUR CYCLES
VTT OU ROUTE, À ÉTRIER INTÉGRÉ
DANS LA STRUCTURE DU CYCLE,
FOURCHE AVANT OU CADRE DE
ROUE ARRIÈRE

(71, 72) REGUILLON, Gilles [FR/FR]; 130, rue
Sully, F-69006 Lyon (FR).

(74) RICHEBOURG, Michel; "Le Clos du
Golf", 69, rue Saint-Simon, F-42000
Saint-Etienne (FR).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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 B63B

(11) WO 2004/085236 (13) A2

(21) PCT/US2003/032586

(22) 16 Oct/oct 2003 (16.10.2003)

(25) en (26) en

(30) 60/419,047 16 Oct/oct 2002 US
(16.10.2002)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • RESCUE BOAT

- CANOT DE SECOURS

(71) TEXTRON INC.(A DELAWARE, US,
CORPORATION) [US/US]; 19401 Chef
Menteur Highway, New Orleans, LA 70129
(US).

(72) WHIPPLE, JR., Charles, S.; 218 Debbie
Drive, Slidell, LA 70458 (US). BRIGNAC,
Angelique, M.; 3558 Meadow Lake Drive
West, Slidell, LA 70461 (US). SHIRLEY,
Mark, W.; 56417 Blue Ridge Drive, Slidell,
LA 70461 (US). MAGNUSEN, Kirk, A.;
306 Robin Lane, Slidell, LA 70458 (US).

(74) NORTH, Brett, A. et al. / etc.; Garvey,
Smith, Nehrass and Doody, L.L.C., 3 Lake-
way Center, Suite 3290, 3838 North Cause-
way Boulevard, Metairie, LA 70002 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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 (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/085237 (13) A1

(21) PCT/IB2004/001081

(22) 24 Mar/mar 2004 (24.03.2004)

(25) it (26) en

(30) FI2003A000076 26 Mar/mar 2003 IT (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROTABLE AXIS TO WHICH THE MAST, CENTREBOARD, WINCHES ARE CONNECTED

• AXE ROTATIF AUQUEL SONT RELIES LE MAT, LA DERIVE ET LES TREUILS

(71, 72) NANNINI, Riccardo [IT/IT]; Via Benedetto da Maiano 33b, I-50014 Fiesole (IT).

(74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/24, E21B 19/00

(11) WO 2004/085238 (13) A1

(21) PCT/EP2004/050345

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03251849.0 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WATER INTAKE RISER

• CONDUITE D'ASPIRATION D'EAU

(71) SHELL INTERNATIONALE RE-SEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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

(72, 75) COX, Ali Joseph [GB/NL]; Visseringlaan 19, NL-2280 AB Rijswijk (NL). EFTHYMIOU, Michalakos [CY/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL).

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

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

Published / Publiée : (c)

(51)⁷ B63B 59/04

(11) WO 2004/085239 (13) A1

(21) PCT/US2004/008570

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,530 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WATERCRAFT STORAGE APPARATUS AND METHOD

• PROCEDE ET DISPOSITIF DE RANGE-MENT D'EMBARCATION

(71) BOAT BUNKERS, INC. [US/US]; 7795 Platt Avenue N.W., South Haven, MN 55382 (US).

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

(72) NELSON, Bruce, D.; 7795 Platt Avenue NW, South Haven, MN 55382 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B63C 9/26

(11) WO 2004/085240 (13) A1

(21) PCT/DE2004/000624

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 13 423.9 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUXILIARY DEVICE FOR BRINGING ON BOARD A PERSON WHO HAS BEEN LIFTED IN A RESCUE DEVICE UP THE EXTERIOR OF THE SIDE OF A SHIP

• DISPOSITIF AUXILIAIRE UTILISE POUR LA RECEPTION A BORD D'UNE PERSONNE TIREE DANS UN APPAREIL DE SAUVETAGE, A L'EXTERIEUR D'UN NAVIRE, AU NIVEAU DE LA MURAILLE

(71) FACHHOCHSCHULE HILDESHEIM / HOLZMINDEN / GÖTTINGEN [DE/DE]; Hohnsen 4, 31134 Hildesheim (DE).

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

(72, 75) SCHWINDT, Michael [DE/DE]; Rolandstrasse 35, 31137 Hildesheim (DE).

(74) JUNIUS, Walther; Wolfstrasse 24, 30519 Hannover (DE).

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

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

Published / Publiée : (c)

(51)⁷ B63C 11/20, F16L 11/08

(11) WO 2004/085241 (13) A1

(21) PCT/SE2004/000479

(22) 29 Mar/mar 2004 (29.03.2004)

(25) sv (26) en

(30) 0300898-4 28 Mar/mar 2003 SE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR SUPPLYING BREATHING GAS TO A DIVER

• SYSTEME ET METHODE POUR FOURNIR UN MELANGE RESPIRATOIRE A UN PLONGEUR

(71) INTERSPIRO AB [SE/SE]; Box 10060, S-181 10 Lidingö (SE).

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

(72, 75) BÜHLMANN, Pierre [SE/SE]; Hövdingevägen 1, S-181 62 Lidingö (SE). BOTOS, Imre [SE/SE]; Lansenvägen 46, S-187 62 Täby (SE).

(74) WENNBORG, Johan et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B63H

(11) WO 2004/085242 (13) A2

(21) PCT/US2004/008628

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/394,907 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGH-VOLUME, NO-DRAG SEA
CHEST WITH PURGE CAPABILITY

• PRISE D'EAU A LA MER DE HAUT VO-
LUME, SANS TRAINEE ET A HAUTE
CAPACITE DE PURGE

(71) BROEMEL, Hans, Guenter [US/US]; 2909
29th Avenue, E., Bradenton, FL 34208 (US).
TAFOYA, Samuel, Barran [US/US]; 135
41st Circle, E., Bradenton, FL 34208 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(74) MORSE, Dorothy, S.; 515 Park Drive,
N.W., Bradenton, FL 34209-1847 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B63H 9/10

(11) WO 2004/085243 (13) A1

(21) PCT/SE2004/000171

(22) 10 Feb/fév 2004 (10.02.2004)

(25) sv (26) en

(30) 0300402-5 14 Feb/fév 2003 SE
(14.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SAILING EQUIPMENT
• EQUIPEMENT DE VOILE

(71) GRUFMAN, Cecilia [SE/SE]; Larsbergsvä-
gen 42, S-181 39 Lidingö (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRUFMAN, Fredrik [SE/SE]; Lars-
bergsvägen 42, S-181 39 Lidingö (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns
Patentbyrå KB, Östermalmsg. 58, S-114 50
Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B63H 20/14, 20/02

(11) WO 2004/085244 (13) A1

(21) PCT/DK2004/000206

(22) 25 Mar/mar 2004 (25.03.2004)

(25) da (26) en

(30) PA 2003 00450 25 Mar/mar 2003 DK
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OUTBOARD MOTOR
• MOTEUR HORS-BORD

(71, 72) BRAMSHOLM, Gunnar [DK/DK];
Godsparken 154, DK-2670 Greve (DK).
HECKERMANN, Sven [DK/DK]; Hæders-
dalvej 70, DK-2650 Hvidovre (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ B63H 20/20

(11) WO 2004/085245 (13) A1

(21) PCT/ZA2004/000034

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003/1551 26 Mar/mar 2003 ZA
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION DE
PUISSANCE

(71, 72) BEACHY HEAD, Michael, Alan
[ZA/ZA]; 11 Upper Thistle Street, 7700
Newlands (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW).

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(51)⁷ B64C

(11) WO 2004/085246 (13) A2

(21) PCT/US2004/008720

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,978 23 Mar/mar 2003 US
(23.03.2003)

(30) 10/798,806 10 Mar/mar 2004 US
(10.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENHANCED, DOWNLINK-CAPABLE,
FIRE-DATA GATHERING AND MONI-
TORING

• COLLECTE ET SURVEILLANCE DE
DONNEES CONCERNANT DES IN-
CENDIES AMELIOREES AVEC POSSI-
BILITE DE TELECHARGEMENT

(71, 72) JOHNSON, David, A. [US/US]; 397
Talbot Road, Jefferson, OR 97352 (US).

(74) VARITZ, Robert, D.; Varitz, Robert, D.,
P.C., 2007 S.E. Grant Street, Portland, OR
97201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B64C 1/06

(11) WO 2004/085247 (13) A1

(21) PCT/EP2004/003308

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 103 14 039.5 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTEGRAL FRAME MEMBER FOR AN AIRCRAFT

• ELEMENT STRUCTURAL INTEGRE POUR AERONEF

(71) AIRBUS DEUTSCHLAND GMBH [DE/DE]; Kreetslag 10, 21129 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LÜTTIG, Helmut [DE/DE]; Braunstieg 21a, 22119 Hamburg (DE). PAUL, Carsten [DE/DE]; Auefeld 9, 21441 Garstedt (DE).

(74) KOPF, Korbinian; Maiwald Patentanwalts GMBH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B64C 27/33

(11) WO 2004/085248 (13) A1

(21) PCT/EP2003/014215

(22) 13 Dec/déc 2003 (13.12.2003)

(25) de (26) de

(30) 103 13 982.6 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRILLING ELEMENT FOR A BEARINGLESS ROTOR

• ELEMENT DE TORSION POUR UN ROTOR SANS PALIER

(71) EUROCOPTER DEUTSCHLAND GMBH [DE/DE]; Industriestrasse 4, 86609 Donauwörth (DE).

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(72, 75) DENECKE, Ulrich [DE/DE]; Hohenbrunner Str. 1, 85579 Neubiberg (DE). KUNTZE-FECHNER, Gerald [DE/DE]; Allgaustrasse 15, 83666 Waakirchen (DE). BANSEMER, Horst [DE/DE]; Geitnerweg 4, 81825 München (DE). EMMERLING, Stefan [DE/DE]; Arastrasse 23, 85579 Neubiberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW 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 B64C 27/43, 27/625, A63H 27/133

(11) WO 2004/085249 (13) A1

(21) PCT/FR2004/000725

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03549 24 Mar/mar 2003 FR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLYING CONTROL DEVICE FOR A ROTORCRAFT

• DISPOSITIF DE COMMANDE DE VOL POUR GIRAVIONS

(71) S.A.R.L. DOPPIA HELICOPTERES MINICOPTERES [FR/FR]; Salgues, F-12520 Verrières (FR).

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(74) DOPPIA, Roger; Salgues, F-12520 Verrières (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B64F 1/305

(11) WO 2004/085250 (13) A1

(21) PCT/CA2004/000433

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/394,242 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BEACON DOCKING SYSTEM WITH VISUAL GUIDANCE DISPLAY

• SYSTEME D'ACCOSTAGE BALISE A DISPOSITIF DE GUIDAGE VISUEL

(63) US 10/394,242 (CON) 24 Mar/mar 2003 (24.03.2003)

(71) DEW ENGINEERING AND DEVELOPMENT LIMITED [CA/CA]; 3429 Hawthorne Road, Ottawa, Ontario K1G 4G2 (CA).

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(74) FREEDMAN, Gordon; Freedman & Associates, Suite 350, 117 Centrepoin Drive, Nepean, Ontario K2G 5X3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B64F 1/36, G08B 13/00, G07C 11/00

(11) WO 2004/085251 (13) A1

(21) PCT/IB2003/001089

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECURITY CHECKPOINT

• POINT DE CONTROLE DE SECURITE

(71) ACCENTURE GLOBAL SERVICES GMBH [CH/CH]; Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen (CH).

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(74) SINISCALCO, Fabio et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 B64G

(11) WO 2004/085252 (13) A2

(21) PCT/US2004/009694

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,296 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UNITIZED HYBRID ROCKET SYSTEM
• SYSTEME DE FUSEE HYBRIDE UNITAIRE

(71) MOJAVE AEROSPACE VENTURES, LLC [US/US]; 505 5th Avenue South, Seattle, WA 98104 (US).
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(72, 75) RUTAN, Elbert, L. [US/US]; 14329 Rutan Street, Mojave, CA 93501 (US).

(74) PALMER, Russell, R., Jr.; Christie, Parker & Hale, LLP, 350 West Colorado Boulevard, Suite 500, Pasadena, CA 91105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65B

(11) WO 2004/085253 (13) A2

(21) PCT/EP2004/050385

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) TO2003A000238 28 Mar/mar 2003 IT (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INDUCTION SEALING DEVICE AND METHOD WHICH MAY BE USED FOR PRODUCING PACKAGES OF POURABLE FOOD PRODUCTS

• DISPOSITIF DE THERMOSCELLAGE PAR INDUCTION, ET PROCEDE POUVANT ETRE UTILISE POUR LA PRODUCTION D'EMBALLAGES DE PRODUITS ALIMENTAIRES LIQUIDES

(71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan, 70, CH-1009 Pully (CH).
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(72, 75) FERRARI, Claudio [IT/IT]; Via A. Manzoni, 7, I-41042 Fiorano Modenese (IT).
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(74) JORIO, Paolo et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/00

(11) WO 2004/085254 (13) A2

(21) PCT/FR2004/000711

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 0303534 24 Mar/mar 2003 FR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND INSTALLATION FOR HEATING AND PACKING A PRODUCT IN PACKAGING, AND PACKAGING USED FOR SAME
• PROCEDE ET INSTALLATION POUR CHAUFFER ET CONDITIONNER UN PRODUIT DANS UN EMBALLAGE, ET EMBALLAGE UTILISE

(71) M.E.S. TECHNOLOGIES [FR/FR]; Zac de La Petite Bruyere, 10-12 rue Auguste Perret, F-94808 Villejuif Cedex (FR).
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MAHE, Patrick [FR/FR]; 4 Square Victor Hugo, F-94490 Ormesson sur Marne (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 AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/34, F16G 11/10, B21F 15/06, B63B 21/08, 21/18, B65B 27/08

(11) WO 2004/085255 (13) A1

(21) PCT/CH2004/000184

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 03006730.0 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR BUNDLING AN OBJECT, AND CORRESPONDING CLAMPING BLOCK
• PROCEDE POUR ENSERRER UN OBJET ET BLOC DE SERRAGE

(71) VEREIN PRS PET-RECYCLING SCHWEIZ [CH/CH]; Naglerwiesenstrasse 4, CH-8049 Zürich (CH).
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(72, 75) METTLER, Hermann [CH/CH]; Glorihöchi 7, CH-6403 Küssnacht (CH).
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ALBRECHT, Maya [CH/CH]; Giessenau 9, CH-8820 Wädenswil (CH).
SCACCHI, Tino [CH/CH]; In der Mühle 12, CH-8340 Hinwil (CH).

(74) E. BLUM & CO.; Vorderberg 11, CH-8044 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 19/30

(11) WO 2004/085256 (13) A1

(21) PCT/PL2004/000020

(22) 22 Mar/mar 2004 (22.03.2004)

- (25) en (26) en
- (30) P.359311 **24 Mar/mar 2003** PL
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF DETECTING AND REJECTING FAULTY CIGARETTES
• PROCEDE DE DETECTION ET DE REJET DE CIGARETTES DEFECTUEUSES
- (71) INTERNATIONAL TOBACCO MACHINERY POLAND LTD. [PL/PL]; ul. Warszawská 19A, PL-26-600 Radom (PL).
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- (72, 75) SIKORA, Leszek [PL/PL]; ul. Piastowska 6/9, PL-26-600 Radom (PL).
STOLARSKI, Krzysztof [PL/PL]; ul. Sadkowska 10/25, PL-26-600 Radom (PL).
- (74) PRZYKORSKI, Andrzej; ul. Malawskiego 5/108, PL-02-641 Warszawa (PL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 61/00
- (11) WO 2004/085257 (13) A1
- (21) PCT/US2004/008317
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/394,626 **21 Mar/mar 2003** US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • RAISED SEAL SURFACE FOR CONTAINER
• SURFACE D'ETANCHEITE SURELEVÉE POUR RECIPIENT
- (71) PECHINEY EMBALLAGE FLEXIBLE EUROPE [FR/FR]; 1, rue de l'Union, TSA 11003, F-92843 Rueil-Malmaison Cedex (FR).
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LAMB, James, R. [US/US]; N1305 Blustery Drive, Greenville, WI 54942 (US).
- (74) RICHARDS, Patrick, D.; McDermott, Will & Emery, 227 West Monroe Street, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 61/18, B31B 1/84
- (11) WO 2004/085258 (13) A1
- (21) PCT/EP2004/050380
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03007128.6 **28 Mar/mar 2003** EP
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • UNIT FOR APPLYING OPENING DEVICES TO PACKAGES OF POURABLE FOOD PRODUCTS
• UNITE D'APPLICATION DES DISPOSITIFS D'OUVERTURE SUR DES EMBALLAGES DE PRODUITS ALIMENTAIRES LIQUIDES
- (71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan, 70, CH-1009 Pully (CH).
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- (74) JORIO, Paolo et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 61/18, 59/00, B65G 17/00
- (11) WO 2004/085259 (13) A1
- (21) PCT/EP2004/050381
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03007129.4 **28 Mar/mar 2003** EP
(28.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • UNIT FOR APPLYING OPENING DEVICES TO SEALED PACKAGES OF POURABLE FOOD PRODUCTS
• UNITE DESTINEE A L'APPLICATION DE DISPOSITIFS D'OUVERTURE SUR DES EMBALLAGES SCHELLES DE PRODUITS ALIMENTAIRES LIQUIDES
- (71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan, 70, CH-1009 PULLY (CH).
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- (72, 75) CAVILLI, Gianfranco [IT/IT]; Via Belvedere Di Sotto, 27, I-41057 SAN VITO (IT). RAIMONDI, Federico [IT/IT]; Via Giorgi, 18, I-MODENA 41100 (IT). SERENI, Andrea [IT/IT]; Via Gambigliani Zoccoli, 87, I-41100 MODENA (IT). BALDINI, Claudio [IT/IT]; Via Della Partecipanza, 59, I-41015 LE CASSETTE (IT). ZUCOTTI, Alessandro [IT/IT]; Via Rossini, 11, I-15069 SERRAVALLE SCRIVIA (IT).
- (74) JORIO, Paolo et al. / etc.; STUDIO TORTA S.r.l., Via Viotti, 9, I-10121 TORINO (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 61/18, 7/28, B31B 1/84
- (11) WO 2004/085260 (13) A1
- (21) PCT/EP2004/050382
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03007130.2 **28 Mar/mar 2003** EP
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • UNIT FOR APPLYING OPENING DEVICES TO PACKAGES OF POURABLE FOOD PRODUCTS
• UNITE DESTINEE A L'APPLICATION DE DISPOSITIFS D'OUVERTURE SUR DES EMBALLAGES DE PRODUITS ALIMENTAIRES LIQUIDES
- (71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan, 70, CH-1009 Pully (CH).
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Maranello (IT). **BRUZZI, Davide** [IT/IT]; Via Casa Martino, 0, I-41028 Ricco' (IT). **RAIMONDI, Federico** [IT/IT]; Via Giorgi, 18, I-41100 Modena (IT).

(74) **JORIO, Paolo** et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 61/18, B31B 1/84, 1/74, B65B 57/04, B65G 47/84**

(11) **WO 2004/085261** (13) A2

(21) PCT/EP2004/050383

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 03007126.0 **28 Mar/mar 2003 EP (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UNIT FOR APPLYING OPENING DEVICES TO PACKAGES OF POURABLE FOOD PRODUCTS

• UNITE POUR APPLIQUER DES DISPOSITIFS D'OUVERTURE SUR DES EMBALLAGES DE PRODUITS ALIMENTAIRES FLUIDES

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan, 70, CH-1009 PULLY (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SERAFINI, Bruno** [IT/IT]; Via Frattini, 20, I-41053 MARANELLO (IT). **SUCCI, Omar** [IT/IT]; Via I. Pindemonte, 26/1, I-41100 MODENA (IT). **BORASI, Gabriele** [IT/IT]; Via Doccia, 170/F, I-41056 SAVIGNANO SUL PANARO (IT). **RAIMONDI, Federico** [IT/IT]; Via Giorgi, 18, I-41100 MODENA (IT). **BALDINI, Claudio** [IT/IT]; Via Della Partecipanza, 59, I-41015 LE CASSETTE (IT).

(74) **JORIO, Paolo** et al. / etc.; STUDIO TORTA S.r.l., Via Viotti, 9, I-10121 TORINO (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65C 1/04, 9/18, 9/30, A61J 7/00, B65G 1/137**

(11) **WO 2004/085262** (13) A1

(21) PCT/GB2004/001368

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 0307225.3 **28 Mar/mar 2003 GB (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTOMATED DISPENSING SYSTEM
• SYSTEME DE DISTRIBUTION AUTOMATISE

(71) **ARX LIMITED** [GB/GB]; Unit 6, Beaumont Works, Hedley Road, St. Albans, Herts AL1 5LU (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KATRITZKY, Rupert** [GB/GB]; 6 Westbere Road, London NW2 3SR (GB). **SIMCOX, Tom** [GB/GB]; 55 Bassett Road, London W10 6JR (GB). **HASENFRATZ, Luc** [FR/GB]; 10 Bennets Gate, Hemel, Hempstead CW7 8EW (GB). **BEVAN, David** [GB/GB]; 28 Colingtree Avenue, Winsford, Cheshire CW7 3UH (GB).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65C 3/06**

(11) **WO 2004/085263** (13) A1

(21) PCT/IT2004/000076

(22) **20 Feb/fév 2004 (20.02.2004)**

(25) it (26) en

(30) RM2003 A **24 Mar/mar 2003 IT 000128 (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR APPLYING AND HEAT-SHRINKING PLASTICS LABELS, AND PROCESS FOR APPLYING SAID LABELS

• DISPOSITIF POUR APPLIQUER ET POUR THERMO-RETRECIR DES ETIQUETTES EN PLASTIQUE, ET PROCEDE POUR APPLIQUER LESDITES ETIQUETTES

(71, 72) **GHINI, Enrico** [IT/IT]; Via S. Pasquale, 44, I-03043 Cassino (IT).

(74) **IANNONE, Carlo, Luigi** et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Rome (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65C 9/18, B23Q 7/04**

(11) **WO 2004/085264** (13) A1

(21) PCT/FI2004/000163

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 20030446 **25 Mar/mar 2003 FI (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RELEASE DEVICE AND METHOD FOR USING SAME
• DISPOSITIF DE DECOLLEMENT ET PROCEDE D'UTILISATION DE CELUI-CI

(71) **PERLOS OYJ** [FI/FI]; Äyritie 12 C, FI-01510 Vantaa (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TYKKYLÄINEN, Pertti** [FI/FI]; Ankkuritie 18, FI-81100 Kontiolahti (FI). **KARAISTE, Jussi** [FI/FI]; Porkkarinne 2, FI-80320 Joensuu (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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

(11) WO 2004/085265 (13) A2

(21) PCT/FR2004/000633

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr

(26) fr

(30) 03/03290 18 Mar/mar 2003 FR
(18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEALING ASSEMBLIES FOR TYPICALLY-METAL CONTAINERS OR POTS

• ENSEMBLES OBTURATEURS DE RECIPIENTS OU POTS TYPIQUEMENT METALLIQUES

(71) IMPRESS GROUP BV [NL/NL]; W.T.C.Tower 8th Floor-Schiphol Boulevard 221, 1118 BH Luchthaven Schiphol, Netherlands (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLANQUE, Antoine [FR/FR]; Le village, F-26210 Moras en valloire (FR). GIMENEZ, Philippe [FR/FR]; 151 Ter Avenue du Dr Jean Mac, F-72100 Le Mans (FR). DRUESNE, Guy [FR/FR]; 12, allée des pins, Montafoin, F-72200 La Fleche (FR). LANGOUET, Marc [FR/FR]; Le Guimorais, F-35350 Saint Coulomb (FR).

(74) PIGASSE, Daniel; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 :

(i) *for the following designation / pour la désignation suivante : US*(51)⁷ B65D

(11) WO 2004/085266 (13) A2

(21) PCT/US2004/008023

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en

(26) en

(30) 10/394,495 20 Mar/mar 2003 US
(20.03.2003)(30) 10/799,199 12 Mar/mar 2004 US
(12.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CHILD-RESISTANT AND SENIOR-FRIENDLY BLISTER CARD PACKAGE

• PLAQUETTE ALVEOLAIRE A L'EPREUVE DES ENFANTS ET ADAPTEE AU BESOINS DES AINES

(71, 72) WILLIAMS-HARTMAN, Wade, E. [US/US]; 53 Hubbardton Road, Wayne, NJ 07470 (US).

(74) OLIVO, John, W., Jr.; Ward & Olivo, Suite 300, 382 Springfield Avenue, Summit, NJ 07901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085267 (13) A2

(21) PCT/US2004/008394

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en

(26) en

(30) 10/392,525 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECLOSABLE FOOD CONTAINER

• CONTENANT ALIMENTAIRE REFER-MABLE

(71) MASTERCRAFT PACKAGING CORPORATION [US/US]; 2272 South East Avenue, Fresno, CA 93721 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSETH, Steven, H. [US/US]; 2272 South East Avenue, Fresno, CA 93721 (US).

(74) COESTER, Thomas, M. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085268 (13) A2

(21) PCT/US2004/008416

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en

(26) en

(30) 10/393,087 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RETORTABLE LIGHT EXCLUDING CONTAINER AND METHODS OF USING SAME

• CONTENANT STERILISABLE NE LAISSANT PAS PASSER LA LUMIERE ET PROCEDES D'UTILISATION DE CE CONTENANT

(71) ABBOTT LABORATORIES [US/US]; Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) GAMEL, Melissa, J.; 121 Persimmon Court, Delaware, OH 43015 (US). MACAULEY, Peter, R.; 971 Landings Loop, Westerville, OH 43082 (US). STOKESBURY, Elwood, L.; 952 Farrington, Westerville, OH 43081 (US). HARP, Douglas, L.; 1258 Winfree Drive, Westerville, OH 43081 (US). BARCA, John, G.; 9760 Concord Road, Dublin, OH 43017 (US). YUAN, Jay, Z.; 7813 Deer Crossing Drive, Mason, OH 45040 (US).

(74) CRABB, Michael et al. / etc.; Abbott Laboratories, Dept. 377 Bldg. AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/20, 5/28, 5/52

(11) WO 2004/085269 (13) A2

(21) PCT/EP2004/002030

(22) 1 Mar/mar 2004 (01.03.2004)

(25) en

(26) en

(30) 10/401,981 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCT TRAY

• BARQUETTE DE PRODUIT

(71) UNILEVER N.V. [NL/NL]; Weena 455, 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 NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG 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, Mumbai, 400 020 (IN).
(only for / seulement pour IN)

(72, 75) **BANSAL, Vinod, Kumar** [US/US]; UNILEVER BESTFOODS NORTH AMERICA, 800 Sylvan Avenue, Englewood Cliffs, New Jersey 07632 (US). **GAETA, Stephen, Anthony** [US/US]; UNILEVER BESTFOODS NORTH AMERICA, 800 Sylvan Avenue, Englewood Cliffs, New Jersey 07632 (US).

(74) **HODGETTS, Catherine, D.**; UNILEVER N.V., PATENT DEPARTMENT, Olivier van Noortlaan 120, 3133 AT Vlaardingen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/36**

(11) **WO 2004/085270** (13) A1

(21) PCT/ES2004/000112

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) es (26) es

(30) 03380073.1 **26 Mar/mar 2003 EP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOLDING BOX

• BOITE PLIABLE

(71) **ARTESANIA CERVERA, S.L.** [ES/ES]; Pol. Ind. Vila Seca, 1, parc.E, E-08571 Sant Vicenç De Torrelló (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CERVERA CUNILL, Eduardo** [ES/ES]; Pol. Ind. Vila Seca, 1, parc.E, E-08571 Sant Vicenç De Torrelló (ES).

(74) **PUIGDOLLERS OCAÑA, Ricardo**; Diputació 304, 1^o 4a, E-08009 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 5/66, 5/02, 85/10**

(11) **WO 2004/085271** (13) A1

(21) PCT/EP2004/002730

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) de (26) de

(30) 103 14 375.0 **28 Mar/mar 2003 DE (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOLDING BOX FOR CIGARETTES

• PAQUET DE CIGARETTES RABAT-TABLE

(71) **FOCKE & CO. (GMBH & CO. KG)** [DE/DE]; Siemensstrasse 10, 27283 Verden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOCKE, Heinz** [DE/DE]; Moorstrasse 64, 27283 Verden (DE). **ENGEL, Gisbert** [DE/DE]; Am Rüstkamp 17, 27308 Luttum (DE).

(74) **BOLTE, Erich**; Meissner, Bolte & Partner, Hollerallee 73, 28209 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D 5/74**

(11) **WO 2004/085272** (13) A1

(21) PCT/CH2004/000167

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) de (26) de

(30) 520/03 **26 Mar/mar 2003 CH (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOCK FOR A FLAT AND LOW POURER PROVIDED WITH A REMOVABLE ELEMENT IN THE FORM OF A LAMINATE OF FILM FOR A COMPOSITE PACKAGE FOR CONTAINER OPENINGS CLOSED BY A NONPERMEABLE FILM

• FERMETURE DE DISPOSITIF VERSEUR PLATE ET BASSE POURVUE D'UN ELEMENT ARRACHABLE SOUS FORME D'UN STRATIFIE OU D'UN FILM POUR EMBALLAGES COMPOSES OU POUR OUVERTURES DE CONTENANTS FERMEES PAR UN FILM ETANCHE

(71) **SIG TECHNOLOGY LTD.** [CH/CH]; Laufengasse 18, 8212 Neuhausen am Rheinfall (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WASSUM, Markus** [DE/DE]; Im Brühl 1, 78244 Gottmadingen (DE). **WEIST, Mario** [DE/DE]; Obere Sommerhalde 18, 79780 Stühlingen (DE).

(74) **FELBER & PARTNER AG**; Dufourstrasse 116, 8034 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/00, 19/38, 21/02**

(11) **WO 2004/085273** (13) A1

(21) PCT/AU2003/001716

(22) **23 Dec/déc 2003 (23.12.2003)**

(25) en (26) en

(30) 2003901367 **25 Mar/mar 2003 AU (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PALLET OR KNOCKDOWN CONTAINER WITH CORRUGATED SURFACES

• PALETTE OU CONTENEUR DEMONTABLE A SURFACES ONDULEES

(71) **ARMACEL PTY LIMITED** [AU/AU]; 6/22 Narabang Way, Belrose, NSW 2085 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATICH, Frank** [AU/AU]; 5 Nangana Road, Bayview, NSW 2085 (AU).

(74) **FRASER OLD & SOHN**; Level 6, 118 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 19/00, 19/44, 71/00**

(11) **WO 2004/085274** (13) A1

(21) PCT/EP2004/002106

(22) **3 Mar/mar 2004 (03.03.2004)**

(25) de (26) de

(30) 103 14 111.1 **28 Mar/mar 2003 DE (28.03.2003)**

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LOADING UNIT COMPRISING A PALLETING TRAY
• UNITE DE CHARGEMENT A TABLETTE DE PALETTISATION
- (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) **MATTAUSCH, Stefan** [DE/DE]; Cuxhavener Str. 61, 90425 Nürnberg (DE). **REICHOLD, Winfried** [DE/DE]; St.-Josef-Strasse 6, 91320 Ebermannstadt (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1-3, 91074 Herzogenaurach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/20, 47/18**
- (11) **WO 2004/085276** (13) A2
- (21) PCT/FR2004/000692
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) fr (26) fr
- (30) 03/03559 **24 Mar/mar 2003 FR (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FLUID PRODUCT DISPENSER
• DISTRIBUTEUR DE PRODUIT FLUIDE
- (71) **AIRLESSYSTEMS** [FR/FR]; Lieudit "La Vente Cartier", F-27380 Charleval (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHAR, Alain** [FR/FR]; 99, rue de Verdun, F-92150 Suresnes (FR). **DECOTIGNIES, Laurent** [FR/FR]; 12, avenue des Trois Epis, F-95800 Cergy (FR).
- (74) **CAPRI**; 33, rue de Naples, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 30/20, B29C 49/00, B65B 3/02**
- (11) **WO 2004/085275** (13) A1
- (21) PCT/JP2004/004213
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) ja (26) ja
- (30) 2003-086478 **26 Mar/mar 2003 JP (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF MANUFACTURING SELF-SUPPORTABLE BAG
• PROCEDE DE PRODUCTION D'UN SAC AUTOSTABLE
- (71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo, 1030025 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **YOSHINO KOGYOSHO CO. LTD.** [JP/JP]; 2-6, Ojima 3-chome, Koto-ku, Tokyo, 1368531 (JP).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)
- (72, 75) **INABA, Shinichi** [JP/JP]; c/o KAO CORPORATION, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo, 1310044 (JP). **INAGAWA, Yoshinori** [JP/JP]; c/o KAO CORPORATION, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo, 1310044 (JP).
- (74) **SHIOKAWA, Shuji**; 10F. 11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 50/06**
- (11) **WO 2004/085277** (13) A1
- (21) PCT/GB2004/001161
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) en (26) en
- (30) 0307123.0 **27 Mar/mar 2003 GB (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CLOSURE FOR A CONTAINER
• FERMETURE POUR UN RECIPIENT
- (71) **CASTROL LIMITED** [GB/GB]; Wakefield House, Pipers Way, Swindon, Wiltshire SN3 1RE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MISHRA, Prabhat, Ranjan** [IN/GB]; 20 Contemporis, 10 Merchants Road, Bristol BS8 4HB (GB).
- (74) **PERKINS, Nicholas, David**; BP International Limited, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 51/18**
- (11) **WO 2004/085278** (13) A1
- (21) PCT/KR2004/000303
- (22) **14 Feb/fév 2004 (14.02.2004)**
- (25) ko (26) en
- (30) 10-2003-0009544 **14 Feb/fév 2003 KR (14.02.2003)**
- (30) 10-2003-0017929 **21 Mar/mar 2003 KR (21.03.2003)**
- (30) 10-2004-0005212 **27 Jan/jan 2004 KR (27.01.2004)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CLOSURE WITH PUSH TYPE OPENER
• FERMETURE A OUVERTURE PAR POUSSEE
- (71, 72) **RHO, Hee Kwon** [KR/KR]; #2-402 Solhyanggi town, 544-1 Ilsan-ri, Mohyun-myun, Yongi-si, Kyungki-do 449-855 (KR).
- (74) **PARK, Jang-Won**; Jewoo Bldg. 5th Fl., 200 Nonhyun-dong, Gangnam-gu, Seoul 135-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 51/30

(11) WO 2004/085279 (13) A1

(21) PCT/ES2004/000132

(22) 24 Mar/mar 2004 (24.03.2004)

(25) es (26) es

(30) U200300723 24 Mar/mar 2003 ES
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LID COMPRISING A DESICCANT
CONTAINER• BOUCHON A CONTENEUR POUR
DESSECHANT(71) FABRI-PLAST S.A. [ES/ES]; Ctra.
Sabadell-Granollers km. 13, 2, 08185 LLIÇA
DE VALL (Barcelona) (ES).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MAYOR LOPEZ, Adela [ES/ES]; Ctra.
Sabadell-Granollers km. 13, 2, 08185 LLIÇA
DE VALL (Barcelona) (ES).(74) CARPINTERO LOPEZ, Francisco; Her-
rero & Asociados, S.L., Alcala, 35, 28014
MADRID (ES).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085280 (13) A1

(21) PCT/GB2004/001165

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 0307125.5 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLOSURE FOR A CONTAINER

• FERMETURE POUR RECEPTACLE

(71) CASTROL LIMITED [GB/GB]; Wakefield
House, Pipers Way, Swindon, Wiltshire SN3
1RE (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MISHRA, Prabhat, Ranjan [IN/GB];
20 Contemporis, 10 Merchants Road, Bristol
BS8 4HB (GB).(74) PERKINS, Nicholas, David; BP Inter-
national Limited, Patents & Agreements,
Chertsey Road, Sunbury-on-Thames, Mid-
dlesex TW16 7LN (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 65/20, B32B 27/08, B65D 33/01,
81/26, 33/04, 85/34

(11) WO 2004/085281 (13) A2

(21) PCT/FR2004/000706

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03/03542 24 Mar/mar 2003 FR
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTAINER, METHOD AND SHEET
MATERIAL FOR THE SALES DISPLAY
OF VEGETABLES• CONTENANT, PROCÉDE ET MATIÈRE
EN FEUILLE POUR LA PRESENTA-
TION DE VÉGÉTAUX À LA VENTE(71) BREGER EMBALLAGES [FR/FR]; 9, rue
Pasquier, F-75008 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)(71, 72) CAPELLE, Hubert [FR/FR]; 22, la Ru-
elle, F-80110 Beaucourt en Santerre (FR).(72, 75) BREGER, Guy [FR/FR]; 10, chemin des
Violettes, F-89100 Rosoy (FR).(74) BONNETAT, Christian; Cabinet Bonnetat,
29, rue de St. Petersbourg, F-75008 Paris
(FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B65D 71/42

(11) WO 2004/085282 (13) A1

(21) PCT/US2004/008479

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 0306546.3 21 Mar/mar 2003 GB
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TOP-ENGAGING ARTICLE CARRIER
AND BLANK• PORTE-ARTICLE A PRISE SUPER-
IEURE ET EBAUCHE(71) MEADWESTVACO PACKAGING SYS-
TEMS LLC [US/US]; One High Ridge Park,
Stamford, CT 06905 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SAULAS, Alain [FR/FR]; 24, rue de la
Loutre, F-36000 Chateauroux (FR).(74) SUZUKI, Tsugihiko; The Mead Corpora-
tion, 4850D North Church Lane, Smyrna, GA
30080 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 77/00

(11) WO 2004/085283 (13) A1

(21) PCT/CA2004/000468

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,077 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DOUBLE SLIDER VALVE FITMENT

• GARNITURE A SOUPAPE A DEUX
CURSEURS(71) LIQUI-BOX CANADA INC. [CA/CA];
201 South Blair Street, Whitby, Ontario L1N
5S6 (CA).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JOHNSON, James W. [US/US]; 1516
Cheshire Road, Delaware, Ohio 43015 (US).(74) OGILVY RENAULT; Suite 1600, 1981
McGill College Avenue, Montreal, 10 H3A
2Y3 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 81/07

(11) WO 2004/085284 (13) A1

(21) PCT/JP2004/003773

(22) 19 Mar/mar 2004 (19.03.2004)

- (25) ja (26) ja
- (30) 2003-081030 **24 Mar/mar 2003** JP
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PACKAGING BOX
• BOITE D'EMBALLAGE
- (71) **HONDA MOTOR CO. LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUDOU, Satoru** [JP/JP]; c/o Honda Motor Co., Ltd. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
KIYOHARA, Nobuyoshi [JP/JP]; c/o Honda Motor Co., Ltd. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
- (74) **KUDOH, Minoru**; 6F, KADOYA BLDG. 24-10, Minamiooi 6-chome, Shinagawa-ku, Tokyo, 1400013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 81/34, 5/42, 5/00, 5/46**
- (11) **WO 2004/085285** (13) A1
- (21) PCT/NL2004/000207
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) nl (26) en
- (30) 1023038 **28 Mar/mar 2003** NL
(28.03.2003)
- (30) 1024631 **27 Oct/oct 2003** NL
(27.10.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR HEATING FOOD PRODUCTS IN A CONTAINER
• PROCEDE PERMETTANT DE CHAUFFER DES PRODUITS ALIMENTAIRES DANS UN CONTENEUR
- (71) **SUPPLAIR B.V.** [NL/NL]; 85, Duivenrechtsekade, NL-1096 AJ Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROUKENS, Jaap, Hendrik** [NL/NL]; 62, Dorpsstraat, NL-3632 AV Loenen Aan de Vecht (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 83/00, B05B 11/00**

(11) **WO 2004/085286** (13) A1

(21) PCT/EP2004/003116

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 03/03755 **27 Mar/mar 2003** FR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCT DISTRIBUTOR COMPRISING A PUMP OPERATED BY A PLUNGER

• DISTRIBUTEUR DE PRODUIT COMPRENANT UNE POMPE MISE EN OEUVRE PAR UN PISTON

(71) **REXAM DISPENSING SYSTEMS** [FR/FR]; 15 bis, route Nationale, F-76470 Le Tréport (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUGAMONT, Jean-Louis** [FR/FR]; 73, avenue Charles Gounod, F-76260 Eu (FR). **PETITJEAN, Maurice** [BE/BE]; 16 rue d'Izel, B-6820 Florenville (BE). **DUMONT, Pierre** [FR/FR]; 12 rue Léo Lagrange, F-76260 Eu (FR).

(74) **BUSNEL, Jean-Benoît**; Howrey Simon Arnold & White, CityPoint, One Ropemaker Street, London EC2Y 9HS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 83/00**

(11) **WO 2004/085287** (13) A2

(21) PCT/FR2004/000694

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) fr (26) fr

(30) 03/03560 **24 Mar/mar 2003** FR
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLUID PRODUCT DISPENSER

• DISTRIBUTEUR DE PRODUIT FLUIDE

(71) **AIRLESSYSTEMS** [FR/FR]; Lieudit "La Vente Cartier", F-27380 Charleval (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHAR, Alain** [FR/FR]; 99, rue de Verdun, F-92150 Suresnes (FR). **DECOTIGNIES, Laurent** [FR/FR]; 12, avenue des Trois Epis, F-95800 Cergy (FR).

(74) **CAPRI**; 33, rue de Naples, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 85/72**

(11) **WO 2004/085288** (13) A1

(21) PCT/ES2004/000141

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) es (26) es

(30) U200300853 **27 Mar/mar 2003** ES
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ACCESSORIES FOR CONTAINERS THAT ARE INTENDED FOR INDIVIDUAL PORTIONS OF MILK PRODUCTS AND SIMILAR

• ACCESSOIRES POUR EMBALLAGES AUX PROPORTIONS INDIVIDUELLES DE PRODUITS LAITIERS ET ANALOGUES

(71, 72) **REIG GARCIA-SAN PEDRO, Salvador** [ES/ES]; Calle Luis Oliag, Numero 64, Puerta 10, E-46006 Valencia (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 88/00, 88/12, 90/08**

(11) **WO 2004/085289** (13) A1

(21) PCT/DE2004/000385

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) de (26) de

(30) 103 12 826.3 **22 Mar/mar 2003** DE
(22.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTAINER FOR TRANSPORTING GOODS

• CONTENEUR POUR TRANSPORT DE MARCHANDISES

(71) WARSTEINER BRAUEREI HAUS CRAMER KG [DE/DE]; Domring, 59581 Warstein (DE).

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(72, 75) CRAMER, Albert [DE/DE]; An der Waldparkbrauerei, 59757 Arnsberg (DE).

(74) GRAEFE, Jörg et al. / etc.; FRITZ Patent-und Rechtsanwälte, Postfach 15 80, 59705 Arnsberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B65D 90/62, 90/22

(11) WO 2004/085290 (13) A1

(21) PCT/GB2004/001283

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306767.5 **25 Mar/mar 2003** GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VALVE

• VANNE

(71) SYLTONE PLC [GB/GB]; Springmill Street, Bradford, West Yorkshire BD5 7HW (GB).

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(72, 75) POULTER, Trevor [GB/GB]; Springmill Street, Bradford, West Yorkshire BD5 7HW (GB).

(74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 21/22

(11) WO 2004/085291 (13) A1

(21) PCT/JP2004/002954

(22) 8 Mar/mar 2004 (08.03.2004)

(25) ja (26) ja

(30) 2003/86684 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CHAIN-DRIVING MECHANISM AND CONVEYOR APPARATUS

• MECANISME D'ENTRAÎNEMENT DE CHAÎNE ET DISPOSITIF TRANSPORTEUR

(71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP).

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(72, 75) TACHIBANA, Katsuyoshi [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). KAWAMOTO, Seiji [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP).

(74) YAMAMOTO, Takatoshi; Nishishinbashi-Fukutoku Bldg., 11-5, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 39/16

(11) WO 2004/085292 (13) A1

(21) PCT/IB2004/000812

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003/2368 **27 Mar/mar 2003** ZA
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONVEYOR BELT TRAINING IDLER ROLLER ASSEMBLIES

• ENSEMBLES ROULEAUX DE RENVOI POUR LE GUIDAGE D'UNE BANDE TRANSPORTEUSE

(71, 72) CUMBERLEGE, Douglas, John [ZA/ZA]; Plot 132 Ericadene, Greenbushes, P.O. Box 10235, Linton Grange, Port Elizabeth, Eastern Cape Province 6015 (ZA).

(74) VON SEIDEL, Michael; 10 Leccino Terrace, Bakkershoopte, Somerset West, Western Cape Province 7130 (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B65G 47/52, 63/00

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(21) PCT/SE2004/000419

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0306823.6 **25 Mar/mar 2003** GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A VARIABLE CAPACITY STORE FOR ELONGATED ARTICLES

• MAGASIN DE CAPACITE VARIABLE POUR LE RANGEMENT D'ARTICLES ALLONGES

(71) FLEXLINK COMPONENTS AB [SE/SE]; S-415 50 Göteborg (SE).

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(74) ALBIHNS GÖTEBORG AB; Box 142, S-402 21 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/57, 47/56, 37/02, 59/00

(11) WO 2004/085294 (13) A2

(21) PCT/CA2004/000432

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/456,573 **24 Mar/mar 2003** US
(24.03.2003)

(30) 60/456,574 **24 Mar/mar 2003** US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORDER HANDLING SYSTEM

- SYSTEME DE TRAITEMENT DE COMMANDES

(71, 72) LAFONTAINE, Dan [CA/CA]; 370 Docteur Thauvette, Vaudreuil-Dorion, Québec J7V 6Z6 (CA). GENIELE, Howard [CA/CA]; 5607, avenue Hartwell, Côte St-Luc, Québec H4W 1T5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/76

(11) WO 2004/085295 (13) A2

(21) PCT/US2004/008551

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,777 21 Mar/mar 2003 US (21.03.2003)

(30) 60/477,720 11 Jun/juin 2003 US (11.06.2003)

(30) 10/796,917 10 Mar/mar 2004 US (10.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIVERTER

- DEVIATEUR

(71) RAPISTAN SYSTEMS ADVERTISING CORP [US/US]; 507 Plymouth Avenue, N.E., Grand Rapids, Michigan 49505 (US).
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(72, 75) WOLF, Stephen C. [US/US]; 7455 Cascade Woods, Dr., S.E., Grand Rapids, Michigan 49546 (US).

(74) COLLINS, Catherine, S.; Van Dyke, Gardner, Linn & Burkhart, LLP, 2851 Charlevoix Dr., S.E., Suite 207, P.O. Box 888695, Grand Rapids, MI 49588-8695 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ B65G 53/58, 53/30, F42D 1/00

(11) WO 2004/085296 (13) A1

(21) PCT/AU2004/000373

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901504 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSPORTATION OF LIQUID PRODUCTS

- TRANSPORT DE PRODUITS LIQUIDES

(71) ORICA EXPLOSIVES TECHNOLOGY PTY LTD [AU/AU]; 1 Nicholson Street, Melbourne, Victoria 3000 (AU).
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(72, 75) THOMSON, Stephen [AU/AU]; 28 Sunhill Drive, Merewether Heights, New South Wales 2291 (AU).

(74) CURWEN, Julian, C., B. et al. / etc.; DAVIES COLLISON CAVE, 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 61/00, G06F 17/60, G05B 19/418

(11) WO 2004/085297 (13) A1

(21) PCT/JP2004/004173

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-89097 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUPPLY CHAIN MATCHING MANAGEMENT SYSTEM

- SYSTEME DE GESTION INTEGREE PRODUCTION/DISTRIBUTION AXEE SUR LA DEMANDE CLIENT

(71, 72) OGUCHI, Takeshi [JP/JP]; 5-9-302, Simouma 4-chome, Setagaya-ku, Tokyo 154-0002 (JP). FUJITA, Yasuhito [JP/JP]; 9-1-802, Shugesengoku 2-chome, Tama-ku, Kawasaki-shi, Kanagawa 214-0006 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg., 17-10, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 B65G 63/00, G01N 23/04

(11) WO 2004/085298 (13) A1

(21) PCT/DE2004/000017

(22) 10 Jan/jan 2004 (10.01.2004)

(25) de (26) de

(30) 103 13 248.1 25 Mar/mar 2003 DE (25.03.2003)

(30) 203 09 047.0 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTIFUNCTIONAL MOBILE PLATFORM FOR CONTACTLESS LOAD INSPECTION AND FOR TRANSPORTING CONTAINERS

- PLATE-FORME MOBILE MULTIFONCTIONNELLE POUR ASSURER SANS CONTACT LE CONTROLE DE CHARGEMENTS ET LE TRANSPORT DE CONTENEURS

(71) NOELL CRANE SYSTEMS GMBH [DE/DE]; Alfred-Nobel-Strasse 20, 97080 Würzburg (DE).

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(72, 75) WEIS, Otto [DE/DE]; Ringstrasse 7, 97241 Oberpleichfeld (DE). FRANKE, Klaus-Peter [DE/DE]; Krautackerweg 4, 97337 Dettelbach (DE).

(74) LÜDTKE, Frank; Schildhof 13, 30853 Langenhagen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B65H 23/038

(11) WO 2004/085299 (13) A1

(21) PCT/EP2004/003061

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 13 107.8 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DEVICE FOR CONTROLLING AND REGULATING THE LATERAL MOVEMENT OF A MOVING STRIP
- DISPOSITIF DE COMMANDE ET DE REGLAGE DE LA POSITION LATERALE D'UNE BANDE EN MOUVEMENT

(71) BETRIEBSFORSCHUNGSINSTITUT VDEh- [DE/DE]; Institut für angewandte Forschung GmbH, Sohnstrasse 65, 40237 Düsseldorf (DE).
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(72, 75) STOCKMEYER, Rudolf [DE/DE]; Johannesstrasse 8a, 40267 Langenfeld (DE).
PEUKER, Gustav [DE/DE]; An den Hünen 75, 41066 Mönchengladbach (DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstrasse 11, 40549 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE 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 MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 45/09, A61F 13/15

(11) WO 2004/085300 (13) A1

(21) PCT/JP2004/003800

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-087427 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FOLDING MACHINE AND PROCESS FOR PRODUCING ARTICLE BEING FIXED
- PLIEUSE ET PROCEDE DE PRODUCTION D'ARTICLE A FIXER

(71) ZUIKO CORPORATION [JP/JP]; 15-21, Minamibefu-cho, Settu-Shi, Osaka, 5660045 (JP).
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(72, 75) SHIMIZU, Masaru [JP/JP]; c/o ZUIKO CORPORATION, 15-21, Minamibefu-cho, Settu-Shi, Osaka, 5660045 (JP). OKUBO, Kazuo [JP/JP]; c/o ZUIKO CORPORATION, 15-21, Minamibefu-cho, Settu-Shi, Osaka, 5660045 (JP). YONEOKA, Kikuo [JP/JP]; c/o ZUIKO CORPORATION, 15-21, Minamibefu-cho, Settu-Shi, Osaka, 5660045 (JP).

(74) YAMAMURA, Yoshinobu; YAMAMURA, KOEI Bldg. 2-2, Ekimae 3-chome, Ibaraki-Shi, Osaka, 5670888 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 45/28

(11) WO 2004/085301 (13) A1

(21) PCT/IT2004/000134

(22) 19 Mar/mar 2004 (19.03.2004)

(25) it (26) en

(30) FI2003 A 000085 28 Mar/mar 2003 IT
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FOLDING CYLINDER FOR SHEET-LIKE MATERIAL AND FOLDER APPARATUS MAKING USE OF SAID CYLINDER
- CYLINDRE DE PLIAGE POUR MATERIAU EN FEUILLE ET APPAREIL A PLIER UTILISANT CE CYLINDRE

(71) TAU MACHINES S.R.L. [IT/IT]; 5/c, Via G. Garibaldi, I-51010 Massa e Cozzile (IT).
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(72, 75) TOMMASI, Renzo [IT/IT]; 78, Via Marconi, I-51016 Montecatini Terme (IT).

(74) BARDINI, Marco, Luigi et al. / etc.; Società Italiana Brevetti S.p.A., 25, Corso dei Tintori, I-50122 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B65H 49/28

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(21) PCT/EP2004/003011

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 203 05 131.9 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DEVICE FOR UNWINDING AND WINDING WIRE COILS, CABLE COILS, CABLE REELS, AND SIMILAR UNWINDING MATERIALS
- DISPOSITIF POUR DEROUULER ET ENROULER DES BOBINES DE CONDUITE, DES COURONNES DE CABLE, DES ENROULEURS DE CABLE ET AUTRES PRODUITS A DEROUULER SIMILAIRES

(71, 72) KOLLEK, Manfred [DE/DE]; Sonnenwinkel 6, 16356 Ahrensfelde (DE).
SCHMIDT, André [DE/DE]; Fasanenstrasse 20, 16356 Ahrensfelde (DE).

(74) EISENFÜHR, SPEISER & PARTNER; Anna-Louisa-Karsch-Strasse 3, 10178 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B66B 5/24

(11) WO 2004/085303 (13) A1

(21) PCT/JP2003/003529

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • EMERGENCY BRAKE APPARATUS OF ELEVATOR
- APPAREIL DE FREIN D'URGENCE POUR ASCENSEUR

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
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(72, 75) ITO, Kazumasa [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B67B 3/20

(11) WO 2004/085304 (13) A1

(21) PCT/IB2004/001051

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) BO2003A000170 27 Mar/mar 2003 IT
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND A DEVICE FOR CONTROLLED CLOSING OF CONTAINERS WITH THREADED CAPS

- PROCEDE ET DISPOSITIF POUR FERMER DES CONTENEURS DE MANIERE REGLEE AVEC DES COUVERCLES FILETES

(71) I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.p.A. [IT/IT]; Via Emilia 428-442, I-40064 Ozzano Emilia (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SERVADEI, Giovanni [IT/IT]; Via Laccini 128, I-48018 Faenza (IT). FABBRI, Claudio [IT/IT]; Via Scandellara 9, I-40138 Bologna (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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

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(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,528 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METAL OXIDE-CONTAINING NANOPARTICLES

- NANOPARTICULES CONTENANT DES OXYDES DE METAUX

(71) WAYNE STATE UNIVERSITY [US/US]; 4043 Faculty/Administration Building, Detroit, MI 48202 (US).

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(72, 75) WINTER, Charles, H. [US/US]; 4735 Walnut Lake Road, Bloomfield Hills, MI 48301 (US). DEZELAH, Charles, L. [US/US]; 316 La Plaza Court, Royal Oak, MI 48073 (US).

(74) PROSCIA, James, W. et al. / etc.; Brooks Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C01B 3/04, 13/02, B01J 35/02

(11) WO 2004/085306 (13) A1

(21) PCT/JP2004/003921

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085040 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-354829 15 Oct/oct 2003 JP (15.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR PHOTOLYSIS OF WATER AND METHOD FOR PHOTOLYSIS OF WATER

- PROCEDE ET APPAREIL POUR PHOTOLYSE DE L'EAU

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

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(72, 75) YAMADA, Yuka [JP/JP]; Neohaitu Tomioekimae 801, 1-13-34, Tomiomotomachi, Nara-shi, Nara, 6310078 (JP). SUZUKI, Masa-aki [JP/JP]; 13-25, Suwa 4-chome, Joto-ku, Osaka-shi, Osaka, 5360021 (JP). SUZUKI, Nobuyasu [JP/JP]; 7-7-607, Sanjohomachi, Nara-shi, Nara, 6308122 (JP). SASAKI, Hidehiro [JP/JP]; 3-14-307, Miyukihigashimachi, Neyagawa-shi, Osaka, 5720055 (JP). MORI-NAGA, Yasunori [JP/JP]; 4-6-1-1012, Yamadanishi, Suita-shi, Osaka, 5650824 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/16

(11) WO 2004/085307 (13) A1

(21) PCT/KR2004/000675

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0019557 28 Mar/mar 2003 KR (28.03.2003)

(30) 10-2004-0017413 15 Mar/mar 2004 KR (15.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDROGEN GAS GENERATOR

- GENERATEUR D'HYDROGENE GAZEUX

(71) TEMCO CO., LIMITED [KR/KR]; 63-9 Sachang-ri, Yanggam-myeon, Hwaseong-si, Gyeonggi-do 445-932 (KR).

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(71, 72) CHA, Seung sik [KR/KR]; 412-61 Samboo Apartment, Taepyong-dong, Jung-gu, Daejeon 301-776 (KR).

(72, 75) PARK, Jeong gun [KR/KR]; 26-1107 Samboo Apartment 2-cha, Taepyong 2-dong, Jung-gu, Daejeon 301-774 (KR).

(74) YOU, Byung sun; 610 Mannyun-Officetel, 241 Walpyung-dong, Seo-gu, Seo-gu, Daejeon 302-282 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/14

(11) WO 2004/085308 (13) A1

(21) PCT/DE2004/000301

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 14 492.7 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE PRODUCTION OF AN AQUEOUS HYDROXYLAMINE SOLUTION

• PROCÉDÉ POUR RÉALISER UNE SOLUTION AQUEUSE D'HYDROXYLAMINE

(71) DOMO CAPROLEUNA GMBH [DE/DE]; Am Hauptort, 06237 Leuna (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEETSCH, Norbert [DE/DE]; Wöhlerstrasse 1, 06237 Leuna (DE). STRECKER, Thomas [DE/DE]; Rudolf-Breischied-Strasse 12, 06766 Tahlheim (DE). KRETSCHMAR, Manfred [DE/DE]; Feldschlösschen 16, 06120 Halle (DE). SEIDLER, Joachim [DE/DE]; Adolph-Menzel-Strasse 4, 06124 Halle (DE).

(74) WABLAT, Wolfgang; Potsdamer Chaussee 48, 14129 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C01B 31/02

(11) WO 2004/085309 (13) A1

(21) PCT/JP2004/003988

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-081651 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGH-EFFICIENCY SYNTHETIC METHOD FOR CARBON NANOSTRUCTURE, APPARATUS AND CARBON NANOSTRUCTURE

• PROCEDE SYNTHETIQUE HAUTE EFFICACITE DESTINE A UNE NANOSTRUCTURE EN CARBONE, APPAREIL ET NANOSTRUCTURE EN CARBONE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honmachi 4-chome, Kawaguchi-city, Saitama 3320012 (JP). OSAKA PREFECTURE [JP/JP]; 1-22, Otemae 2-chome, Chuo-ku, Osaka-city, Osaka 5400008 (JP). TAIYO TOYO SANSO CO. LTD. [JP/JP]; 4-11, Utsubohonmachi 2-chome, Nishi-ku, Osaka-city, Osaka 5500004 (JP). NISSIN ELECTRIC CO. LTD. [JP/JP]; 47, Umezuta-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 6158686 (JP). OTSUKA CHEMICAL CO. LTD. [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-city, Osaka 5400021 (JP). DAIKEN

CHEMICAL CO. LTD. [JP/JP]; 7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 5360011 (JP).

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(72, 75) SUEKANE, Osamu [JP/JP]; 70-140, Nojiri-cho, Sakai-city, Osaka 5998116 (JP). NOSAKA, Toshikazu [JP/JP]; 5-12-301, Ibukino 3-chome, Izumi-city, Osaka 5940041 (JP). NAKAYAMA, Yoshikazu [JP/JP]; 9-404, 14-2, Korigaoka 1-chome, Hirakata-city, Osaka 5730084 (JP). PAN, Lujun [CN/JP]; 6-12-308, Shinkanaoka-cho 4-cho, Sakai-city, Osaka 5918021 (JP). NAGASAKA, Takeshi [JP/JP]; c/o TAIYO TOYO SANSO Co., Ltd., 4-11, Utsubohonmachi 2-chome, Nishi-ku, Osaka-city, Osaka 5500004 (JP). SAKAI, Toru [JP/JP]; c/o TAIYO TOYO SANSO Co., Ltd., 4-11, Utsubohonmachi 2-chome, Nishi-ku, Osaka-city, Osaka 5500004 (JP). TSUCHIYA, Hiroyuki [JP/JP]; c/o NISSIN ELECTRIC CO., LTD., 47, Umezuta-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 6158686 (JP). GOTO, Toshiki [JP/JP]; c/o OTSUKA CHEMICAL CO., LTD., 2-27, Otedori 3-chome, Chuo-ku, Osaka-city, Osaka 5400004 (JP). LI, Xu [CN/JP]; c/o DAIKEN CKEMICAL Co., Ltd., 7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 5360011 (JP).

(74) MIKI, Hisami; Haim-Senba 303, 3-8, Kyutaramachi 2-chome, Chuo-ku Osaka-city, Osaka 5410056 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 31/02, 31/04, D01F 9/22, 6/44

(11) WO 2004/085310 (13) A1

(21) PCT/JP2004/004082

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082019 25 Mar/mar 2003 JP (25.03.2003)

(30) 2003-190967 3 Jul/juil 2003 JP (03.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CARBON COMPOSITION, AND COMPOSITE MATERIAL AND DISPERSION COMPRISING SAID COMPOSITION

• COMPOSITION DE CARBONE ET MATERIAU COMPOSITE ET DISPERSION RENFERMANT CETTE COMPOSITION

(71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERADA, Shigeru [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). SHIROYA, Toshifumi [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP). YAMAMOTO, Masaki [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 2278502 (JP).

(74) OKADA, Kazuhiko; Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-Kita 1-chome, Chiyoda-ku, Tokyo 1020073 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMP GH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/00

(11) WO 2004/085311 (13) A1

(21) PCT/EP2004/002664

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 103 12 970.7 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PYROGENIC SILICON DIOXIDE POWDER AND DISPERSION THEREOF

• POUDRE DE DIOXYDE DE SILICIUM PYROGENIQUE ET DISPERSION DE CETTE POUDRE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

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(72, 75) SCHUMACHER, Kai [DE/DE]; Berliner Strasse 16, 65719 Hofheim (DE). KERNER, Dieter [DE/DE]; Am Hexenpfad 21, 63450 Hanau (DE).

(74) DEGUSSA AG; Intellectual Property Management, PATENTE und MARKEN, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY 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 PL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C01B 33/02, H01L 21/203

(11) WO 2004/085312 (13) A1

(21) PCT/JP2003/016565

(22) 24 Dec/déc 2003 (24.12.2003)

(25) ja (26) ja

(30) 2003-082228 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SILICON SINTERED COMPACT AND METHOD FOR PRODUCING SAME
• PIECE FRITTEE EN SILICIUM ET SON PROCEDE DE PRODUCTION

(71) NIKKO MATERIALS CO., LTD. [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGATA, Kenichi [JP/JP]; c/o Isohara Factory of Nikko, Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).

(74) OGOSHI, Isamu; Ogoshi International Patent Office, Toranomon 9 Mori Bldg. 3F, 2-2, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C01B 33/12

(11) WO 2004/085313 (13) A1

(21) PCT/JP2004/004142

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083915 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SILICON DIOXIDE THIN-FILM AND METHOD OF MANUFACTURING THE SAME

• FILM MINCE EN DIOXYDE DE SILICIUM ET METHODE DE FABRICATION DE CE FILM

(71) ORGANIZATION OF SHINSHU UNIVERSITY [JP/JP]; 1-1, Asahi 3-chome, Matsumoto-shi, Nagano, 3908621 (JP). HIOKI DENKI KABUSHIKI KAISYA [JP/JP]; 81, Aza Sakuramachi, O-Aza Koizumi, Ueda-shi, Nagano, 3861192 (JP).

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(72, 75) MURAKAMI, Yasushi [JP/JP]; c/o Faculty of Textile Science and Technology, Organization of Shinshu University, 15-1, Tokida 3-chome, Ueda-shi, Nagano 3868567 (JP). HARANO, Masayuki [JP/JP]; c/o HIOKI DENKI KABUSHIKI KAISYA, 81, Aza Sakuramachi, O-Aza Koizumi, Ueda-shi, Nagano, 3861192 (JP). TAKASU, Yoshio [JP/JP]; c/o Faculty of Textile Science and Technology, Organization of Shinshu University, 15-1, Tokida 3-chome, Ueda-shi, Nagano 3868567 (JP). TANIGUCHI, Yoshio [JP/JP]; c/o Faculty of Textile Science and Technology, Organization of Shinshu University, 15-1, Tokida 3-chome, Ueda-shi, Nagano 3868567 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building, 8th Floor, 2-14, Yotsuya Shinjuku-ku, Tokyo, 1600004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01F 17/00

(11) WO 2004/085314 (13) A2

(21) PCT/FR2004/000649

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03 03291 18 Mar/mar 2003 FR
(18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITION BASED ON CERIUM AND ZIRCONIUM OXIDES HAVING A SPECIFIC SURFACE WHICH IS STABLE BETWEEN 900 °C AND 1000 °C, METHOD FOR THE PRODUCTION AND USE THEREOF AS A CATALYST
• COMPOSITION A BASE D'OXYDES DE CERIUM ET DE ZIRCONIUM A SURFACE SPECIFIQUE STABLE ENTRE 900°C ET 1000°C, SON PROCEDE DE PREPARATION ET SON UTILISATION COMME CATALYSEUR

(71) RHODIA ELECTRONICS AND CATALYSIS [FR/FR]; Z.I. - 26, rue Chef de Baie, F-17041 La Rochelle (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LARCHER, Olivier [FR/FR]; 34, rue Cheverny, F-17180 Périgny (FR). MONIN, David [FR/FR]; 76, rue de la Tombe Isoire, F-75014 Paris (FR). ROHART, Emmanuel [FR/FR]; 43, rue du Moulin, F-17138 Puilboreau (FR).

(74) DUBRUC, Philippe; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01G 23/053

(11) WO 2004/085315 (13) A1

(21) PCT/JP2004/004268

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-89081 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POROUS TITANIUM OXIDE POWDER AND METHOD FOR PRODUCTION THEREOF

• POUDRE D'OXYDE DE TITANE PO-REUX ET PROCEDE DE PRODUCTION ASSOCIE

(71) SHISEIDO CO., 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) SHIO, Shoichiro [JP/JP]; c/o Shiseido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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) WO 2004/085316 (13) A2

(21) PCT/US2004/007038

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/392,434 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TWO PHASE ANAEROBIC ORGANIC MATTER TREATMENT AND SYSTEM

• TRAITEMENT ANAEROBIE DE MATIERE ORGANIQUE A DEUX PHASES ET SYSTEME

(71) CAROLLO ENGINEERS, P.C. [US/US]; 3100 South Harbor Blvd., Suite 200, Santa Ana, CA 92704 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KILIAN, Rodolfo, Ernesto [MX/US]; 21 Picket Lane, Aliso Viejo, CA 92656 (US). TODD, Allen, Craig [US/US]; 16412 Ard-sley Circle, Huntington Beach, CA 92649 (US).

(74) BEECH, Dennis, W.; Law Offices of Dennis W. Beech, Suite C-2, 19900 Beach Boulevard, Huntington Beach, CA 92648 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/00

(11) WO 2004/085317 (13) A2

(21) PCT/FR2004/000756

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03 03808 27 Mar/mar 2003 FR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ULTRAVIOLET RADIATION WATER
DISINFECTING DEVICE

• DISPOSITIF DE DESINFECTION
D'EAU PAR RAYONNEMENT UL-
TRAVIOLET

(71) OTV SA [FR/FR]; L'Aquarène, 1, place
Montgolfier, F-94417 Saint-Maurice Cedex
(FR).

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les États désignés sauf US)

(72, 75) GIRODET, Pierre [FR/FR]; 171, quai
du Docteur Dervaux, F-92600 Asniere-sur-
Seine (FR).

(74) LARCHER, D.; Cabinet Vidon, 16B, rue
Jouanet, B.P. 90333, F-35703 Rennes Cedex
7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/44, 1/469

(11) WO 2004/085318 (13) A1

(21) PCT/SG2004/000071

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/402,014 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS AND METHOD FOR
CONTINUOUS ELECTRODEIONIZA-
TION

• APPAREIL ET PROCEDE
D'ELECTRODESIONISATION
CONTINUE

(71) CHEMITREAT PTE LTD [SG/SG]; 28 Tua
Avenue 8, Singapore 639243 (SG).

(72, 75) DEY, Avijit [IN/SG]; 450 Corpora-
tion Road, #02-01, Singapore 649810 (SG).
THOMAS, Gareth, Hugh [GB/SG]; 341
Bukit Timah Road, #15-02, Honolulu Tow-
ers, Singapore 259719 (SG).

(74) DREW & NAPIER LLC; 20 Raffles Place,
#17-00 Ocean Towers, Singapore 048620
(SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/64, 1/74, 9/00

(11) WO 2004/085319 (13) A1

(21) PCT/US2004/008712

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,669 21 Mar/mar 2003 US
(21.03.2003)

(30) 60/456,876 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS, METHOD AND SYSTEM
OF TREATMENT OF ARSENIC AND
OTHER IMPURITIES IN GROUND WA-
TER

• APPAREIL, PROCEDE ET SYSTEME
D'ENLEVEMENT D'ARSENIC ET
D'AUTRES IMPURETES DANS LES
EAUX SOUTERRAINES

(71) SUBSURFACE TECHNOLOGIES, INC.
[US/US]; 40 Stone Castle Road, Rock Tavern,
NY 12575 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MILLER, Gregory, P. [US/US]; P.O.
Box 1468, Socorro, NM 87801 (US). MAN-
SUY, Neil [US/US]; 7915 NW 73rd Street,
Kansas City, MO 64152 (US). MAR-
TINELL, Lennart [SE/SE]; Andvagen
12, 184 6', Akerseberga (SE).

(74) RZUCIDLO, Eugene, C.; Greenberg Trau-
rig, LLP, 885 Third Avenue, New York, NY
10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C02F 11/12, B01D 29/11

(11) WO 2004/085320 (13) A1

(21) PCT/SE2004/000474

(22) 26 Mar/mar 2004 (26.03.2004)

(25) sv (26) en

(30) 0300874-5 28 Mar/mar 2003 SE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND A PLANT FOR THE
DEWATERING OF SLUDGE

• PROCEDE ET INSTALLATION DE DE-
SHYDRATATION DES BOUES

(71, 72) BJELTON, Eddie [SE/SE]; Liljestigen
11A, S-125 53 Älvsjö (SE).

(74) DR LUDWIG BRANN PATENTBYRA
AB; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/00, G01N 35/02, 37/00, G02B
6/24

(11) WO 2004/085321 (13) A1

(21) PCT/JP2004/004200

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-082634 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GLASS SUBSTRATE WITH GROOVE
PART, METHOD OF MANUFACTUR-
ING THE SAME, AND PRESS DIE
FOR MANUFACTURING GLASS SUB-
STRATE

• SUBSTRAT DE VERRE STRIE, SON
PROCEDE DE FABRICATION, ET MA-
TRICE SERVANT A SA FABRICATION

(71) ASAHI GLASS COMPANY LIMITED
[JP/JP]; 12-1, Yurakucho 1-chome, Chiyo-
oda-ku, Tokyo, 1008405 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHIMAZAKI, Takeshi [JP/JP]; c/o
Asahi Glass Company, Limited, 1150, Haz-
awa-cho, Kanagawa-ku, Yokohama-shi,
Kanagawa, 2218755 (JP). OHYAMA,

- Masatoshi** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). **WAKATSUKI, Hiroshi** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP).
- (74) **SENUMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo, 1010042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C03B 19/06**
- (11) **WO 2004/085322** (13) A1
- (21) PCT/IB2004/050286
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) en (26) en
- (30) 03100748.7 **24 Mar/mar 2003 EP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD OF MANUFACTURING SILICA GLASS PARTS FOR LAMP ASSEMBLIES
- PROCEDE DE FABRICATION DE PIECES EN VERRE DE SILICE POUR DES ENSEMBLES LAMPE
- (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) **DORMAN, Gerrit, J., W., R.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WEIJERS, Geert, G., C.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CUPPEN, Sebastianus, N., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **PET, Robert, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 23/02, 19/02, H01L 21/20, B81C 1/00**
- (11) **WO 2004/085323** (13) A1
- (21) PCT/EP2004/002993
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) de (26) de
- (30) 103 13 889.7 **27 Mar/mar 2003 DE (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR PRODUCING INDIVIDUAL MICROLENSES OR A MICROLENS ARRAY
- PROCEDE DE PRODUCTION DE DIFFERENTES MICRO-LENTILLES OU MOSAIQUES DE MICRO-LENTILLES
- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastrasse 27c, 80686 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QUENZER, Hans, Joachim** [DE/DE]; Edendorfer Strasse 170, 25524 Itzehoe (DE). **MERZ, Peter** [DE/DE]; Holstenstrasse 15, 25557 Hanerau-Hademarschen (DE). **BOTT, Uwe** [DE/DE]; Blumenstr.1, 25557 Hanerau-Hademarschen (DE).
- (74) **RÖSLER, Uwe**; Landsberger Strasse 480a, 81241 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C03B 23/03**
- (11) **WO 2004/085324** (13) A1
- (21) PCT/EP2004/002980
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 103 14 400.5 **28 Mar/mar 2003 DE (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS AND PLANT FOR THE TREATMENT OF THE GLASS SHEETS OF AN ASYMMETRIC GLASS-SHEET PAIR
- PROCEDE ET INSTALLATION DE TRAITEMENT DES FEUILLES DE VERRE D'UNE PAIRE DE FEUILLES DE VERRE ASYMETRIQUES
- (71) **PILKINGTON AUTOMOTIVE DEUTSCHLAND GMBH** [DE/DE]; Otto-Seeling-Str. 7, 58455 Witten (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUNK, Dieter** [DE/DE]; Schützenstrasse 16, 58452 Witten (DE). **PILZ, Joachim** [DE/DE]; Stegemannsweg 99, 45897 Gelsenkirchen (DE). **MICHELS, Peter** [DE/DE]; Am Kindler 1., 45549 Sprockhövel (DE).
- (74) **HALLIWELL, Anthony, Charles** et al. / etc.; Group Intellectual Property Department, Pilkington European Technical Centre, Pilkington plc, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 **C03B 23/035, 35/24**
- (11) **WO 2004/085325** (13) A1
- (21) PCT/EP2004/002979
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 103 14 408.0 **28 Mar/mar 2003 DE (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DEVICE FOR PRODUCING A GAS CUSHION
- DISPOSITIF DE PRODUCTION D'UN COUSSIN DE GAZ
- (71) **PILKINGTON AUTOMOTIVE DEUTSCHLAND GMBH** [DE/DE]; Otto-Seeling-Str. 7, 58455 Witten (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUNK, Dieter** [DE/DE]; Schützenstrasse 16, 58452 Witten (DE). **PILZ, Joachim** [DE/DE]; Haardstrasse 63, 45739

Oer-Erkenschwick (DE). MICHELS, Peter [DE/DE]; Am Kindler I., 45549 Sprockhövel (DE).

(74) HALLIWELL, Anthony, Charles et al. / etc.; Group Intellectual Property Department, Pilkington European Technical Centre, Pilkington plc, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/044

(11) WO 2004/085326 (13) A1

(21) PCT/GB2004/001263

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03425197.5 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEMPERING BENT GLASS SHEETS

• TREMPAGE DE FEUILLES DE VERRE COURBES

(71) PILKINGTON PLC [GB/GB]; Prescot Road, St. Helens, Merseyside WA10 3TT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARLOMAGNO, Giovanni, Maria [IT/IT]; Via Scarlatti, 32, I- 80129 Napoli (IT).

(74) HALLIWELL, Anthony, Charles et al. / etc.; Group Intellectual Property Department, Pilkington plc, Pilkington European Technical Centre, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/027, 33/02

(11) WO 2004/085327 (13) A1

(21) PCT/US2004/009397

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en

(30) 10/395,539 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SCORE BAR FITTED WITH A FORCE SENSOR

• BARRE A COUPER INSTRUMENTEE AU MOYEN D'UN CAPTEUR DE FORCE

(71) CORNING INCORPORATED [US/US]; Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COX, Judy Kathleen [US/US]; 43 Summit Street, Corning, NY 01720 (US).

(74) PAPPAS, Joanne, N.; Corning Incorporated, Life Sciences, 45 Nagog Park, Acton, MA 01720 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

(11) WO 2004/085328 (13) A2

(21) PCT/US2004/007436

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/393,400 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDROPHILIC DLC ON SUBSTRATE WITH OXYGEN AND/OR HOT WATER TREATMENT

• CDA HYDROPHILE SUR SUBSTRAT TRAITE A L'OXYGENE ET/OU A L'EAU CHAUDE

(71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIENKIEWICZ, Joseph, M. [US/US]; 1343 Millbrook Trail, Ann Arbor, MI 48108 (US). GORDON, Jeffrey, D. [US/US]; 363 Martindale, Milford, MI 48380 (US). VEERASAMY, Vijayan, S. [US/US]; 5980 Cedar Ridge Drive, Ann Arbor, MI 48108 (US). THOMSEN, Scott, V. [US/US]; 4598 Windswept Drive, Milford, MI 48380 (US).

(74) RHOA, Joseph, A.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

(26) en

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C 3/089, 3/064, 3/066, 3/091, 3/093, 3/095, 3/097, 3/21, G02B 3/00, 1/00

(11) WO 2004/085329 (13) A1

(21) PCT/JP2004/004180

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-85226 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL GLASS, OPTICAL ELEMENT INCLUDING THE OPTICAL GLASS AND OPTICAL INSTRUMENT INCLUDING THE OPTICAL ELEMENT

• VERRE OPTIQUE, ELEMENT OPTIQUE COMPRENANT CE VERRE OPTIQUE ET INSTRUMENT OPTIQUE COMPRENANT CET ELEMENT OPTIQUE

(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) MIYAUCHI, Taro [JP/JP]; c/o Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). YAMADA, Kei [JP/JP]; c/o Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03C 17/25

(11) WO 2004/085330 (13) A1

(21) PCT/JP2003/003503

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR PRODUCING GLASS SHEET COATED WITH TITANIUM OXIDE THIN FILM
• PROCEDE DE PRODUCTION DE FEUILLE DE VERRE REVETUE D'UN FILM FIN D'OXYDE DE TITANE
- (71) NAKAJIMA GLASS CO., INC. [JP/JP]; 5301-2, Kinoko-cho, Ibara-shi, Okayama 715-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAJIMA, Takeshi [JP/JP]; 1054, Aza Shimogoryo, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2117 (JP). YUUKI, Takeshi [JP/JP]; 2-20-37, Hisamatsudai, Fukuyama-shi, Hiroshima 720-0083 (JP). AKIYAMA, Masaru [JP/JP]; 533, Tsujita, Mabi-cho, Kibi-gun, Okayama 710-1312 (JP). MASADA, Keizo [JP/JP]; 2627-2, Tamashima-nagao, Kurashiki-shi, Okayama 710-0251 (JP).
- (74) NAKATSUKASA, Shigeki; Mori & Associates, 505-14, Ohjima, Kurashiki-shi, Okayama 710-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C04B
- (11) WO 2004/085332 (13) A2
- (21) PCT/GB2004/000987
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) en (26) en
- (30) 10/401,711 28 Mar/mar 2003 US (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHODS AND COMPOSITIONS FOR COATING PIPE
• PROCEDES ET DE COMPOSITIONS DE REVETEMENT DE CONDUITES
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MW)
- (72, 75) BOUR, Daniel, L. [US/US]; 8201 Camino Media, Apt. 67, Bakersfield, CA 93311 (US). BROTHERS, Lance, E. [US/US]; 928 S. 8th, Chickasha, OK 73018 (US). CAVENY, William, J. [US/US]; Route 2, Box 282, Rush Springs, OK 73082 (US).
- (74) WAIN, Christopher, Paul et al. / etc.; A A Thornton & Co, 235 High Holbon, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 25/50, 25/12
- (11) WO 2004/085331 (13) A1
- (21) PCT/FR2004/000646
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) fr (26) fr
- (30) 03/03685 21 Mar/mar 2003 FR (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF GLASS THREADS COATED WITH A THERMOFUSIBLE SIZE AND PRODUCTS RESULTING THEREFROM
• PROCEDE DE PRODUCTION DE FILS DE VERRE REVETUS D'UN ENSEMBLAGE THERMOFUSIBLE ET PRODUITS RESULTANTS
- (71) SAINT-GOBAIN VETROTEX FRANCE S.A. [FR/FR]; 130, avenue des Follaz, F-73000 Chambéry (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAS, Bruno [FR/FR]; 10, avenue des Ducs de Savoie, F-73000 Chambéry (FR). BOURGEOISAT, Hervé [FR/FR]; 80, chemin du Pommerin, F-73420 Viviers du Lac (FR). BESSON, Yvan [FR/FR]; 35, chemin des Silènes, F-73000 Jacob Bellecombette (FR). RICHARD, Daniel [FR/FR]; Grange Maréchal, F-73800 Sainte Hélène du Lac (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
- (11) WO 2004/085333 (13) A2
- (21) PCT/US2004/008234
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/456,207 20 Mar/mar 2003 US (20.03.2003)
- (30) 10/800,780 15 Mar/mar 2004 US (15.03.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CALCIUM SULPHATE-BASED COMPOSITIONS AND METHODS OF MAKING SAME
• COMPOSITIONS A BASE DE SULFATE DE CALCIUM ET PROCEDES DE FABRICATION DE CELLES-CI
- (71) G.B. TECHNOLOGIES, LLC [US/US]; P.O. Box 1358, Fairburn, GA 30213 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COX, Danny, W. [US/US]; 3770 De-mooney Road, College Park, GA 30349 (US). BRUCE, Robert, B. [CA/CA]; 2145 Devlin Drive, Burlington, Ontario L7P 3C6 (CA).
- (74) THOMAS, George, M. et al. / etc.; Thomas, Kayden, Horstemeyer & Risley, L.L.P., Suite 1750, 100 Galleria Parkway, Atlanta, GA 30339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 18/08, 35/14
- (11) WO 2004/085334 (13) A1
- (21) PCT/IN2003/000088
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A COMPOSITION FOR THE MANUFACTURE OF SILICA INSULATING REFRACTORY BRICK
• COMPOSITION POUR LA FABRICATION DE BRIQUE REFRACTAIRE ISOLANTE A BASE DE SILICE
- (71, 72) PANDA, Jajanya, Datta [IN/IN]; DALMIA INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Disir Colony, Rajgangpur 770017, Dist. Sundargarh, Orissa (IN). PANDA, Pabitra [IN/IN]; DALMIA INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Disir Colony, Rajgangpur 770017, Dist. Sundargarh, Orissa (IN). PANDA, Sudhir, Kumar [IN/IN]; DALMIA INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Disir Colony, Rajgangpur 770017, Dist. Sundargarh, Orissa (IN).
- (74) SUDIPTA, Banerjee; L S Davar & Co, Monalisa, Flats 1B 1C, 17 Camac Street, Kolkata 700 017, W.B. (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (a)

(51)⁷ C04B 24/26, 24/32, 24/16, 24/20

(11) WO 2004/085335 (13) A1

(21) PCT/EP2004/002211

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 13 937.0 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPERSING AGENTS

• AGENTS DISPERSANTS

(71) WACKER POLYMER SYSTEMS GMBH
& CO. KG [DE/DE]; Johannes-Hess-Str. 24,
84489 Burghausen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DIETRICH, Ulf [DE/DE];
Kopernikusstr. 47, 67063 Ludwigshafen
(DE). REINSCHMIDT, Anke [DE/US];
133 Edenwood Dr., Apt. 306, Ann Arbor,
Michigan 48103 (US).

(74) SCHUDERER, Michael et al. / etc.; c/o
Wacker-Chemie GmbH, Hanns-Seidel-Platz
4, 81737 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 33/04, B01J 21/16, D21H 17/68,
19/40, C08K 3/34, C09C 1/42, C01B 33/40

(11) WO 2004/085336 (13) A2

(21) PCT/US2004/007821

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/455,571 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UNUSUALLY NARROW PARTICLE
SIZE DISTRIBUTION CALCINED
KAOLINS

• KAOLINS CALCINES DE GRANULO-
METRIE EXCEPTIONNELLEMENT
RESTREINTE

(71) IMERYS KAOLIN, INC. [US/US]; 774
Georgia Kaolin Road, Dry Branch, GA 31020
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SARE, Edward, J. [US/US]; 161 Sad-
dle Run Court, Macon, GA 31210 (US). AD-
KINS, Tommy, L. [US/US]; Route 5, Box
202, Cochran, GA 31014 (US).

(74) GARRETT, Arthur, S.; Finnegan, Hen-
derson, Farrabow, Garrett & Dunner, L.L.P.,
1300 I Street, NW, Washington, DC 20005
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 35/00

(11) WO 2004/085337 (13) A1

(21) PCT/FI2004/000168

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fi (26) en

(30) 20030438 25 Mar/mar 2003 FI
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MANUFACTURING METHOD OF
A HEAT-RESISTANT MATERIAL,
HEAT-RESISTANT STRUCTURE,
STRUCTURAL MATERIAL AND DRY
MATTER COMPOSITION

• PROCEDE DE FABRICATION D'UNE
STRUCTURE THERMO-RESISTANTE,
STRUCTURE THERMO-RESISTANTE,
MATIERE STRUCTURALE ET COM-
POSITION DE MATIERE SECHE

(71) BET-KER OY [FI/FI]; Joutsentie 4,
FI-84100 Ylivieska (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RUOTANEN, Kyösti [FI/FI]; c/o
Bet-Ker Oy, Joutsentie 4, FI-84100 Ylivieska
(FI). MIETTINEN, Markku [FI/FI]; c/o
Bet-Ker Oy, Joutsentie 4, FI-84100 Ylivieska
(FI).

(74) PAPULA OY; P.O. Box 981, FI-00101
Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C04B 35/01, C23C 4/10

(11) WO 2004/085338 (13) A1

(21) PCT/JP2004/004010

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-085609 26 Mar/mar 2003 JP
(26.03.2003)

(30) 2003-377119 6 Nov/nov 2003 JP
(06.11.2003)

(30) 2004-061427 4 Mar/mar 2004 JP
(04.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MATERIAL FOR THERMAL BARRIER
COATING

• MATERIAU POUR REVETEMENT A
BARRIERE THERMIQUE

(71) MITSUBISHI HEAVY INDUSTRIES
LTD. [JP/JP]; 16-5, Konan 2-Chome, Mi-
nato-ku, Tokyo, 1088215 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AKIYAMA, Katsunori [JP/JP]; C/O
Advanced Technology Research Center,
MITSUBISHI HEAVY INDUSTRIES,
LTD., 8-1, Sachiura 1-chome, Kanazawa-ku,
Yokohama-shi, Kanagawa, 2368515 (JP).
NAGANO, Ichiro, [JP/JP]; C/O Advanced
Technology Research Center, MITSUBISHI
HEAVY INDUSTRIES, LTD., 8-1, Sachiura
1-chome, Kanazawa-ku, Yokohama-shi,
Kanagawa, 2368515 (JP). SHIDA, Masato,
[JP/JP]; C/O Advanced Technology Re-
search Center, MITSUBISHI HEAVY IN-
DUSTRIES, LTD., 8-1, Sachiura 1-chome,
Kanazawa-ku, Yokohama-shi, Kanagawa,
2368515 (JP). OTA, Satoshi, [JP/JP];
C/O Ryonichi Engineering Co., LTD., 12,
Nishiki-cho, Naka-ku, Yokohama-shi, Kana-
gawa, 2310812 (JP).

(74) FUJITA, Takaharu, et al. / etc.; Mitsubishi-
juko Yokohama Bldg. 24F, 3-1, Minatomi-
rai 3-chome, Nishi-ku, Yokohama-shi, Kana-
gawa 220-0012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 35/547, H01G 4/12

(11) WO 2004/085339 (13) A1

(21) PCT/JP2004/003883

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-086830 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • HIGH DIELECTRIC MATERIAL COMPOSED OF SINTERED BODY OF RARE EARTH SULFIDE
- MATERIAU A CONSTANCE DIELECTRIQUE ELEVEE COMPOSE D'UN CORPS FRITTE A BASE DE SULFURE DE TERRES RARES

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). NITTO DENKO CORPORATION [JP/JP]; 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HIRAI, Shinji [JP/JP]; 13-13, Kotobukicho 1-chome, Muroran-shi, Hokkaido 050-0082 (JP).

(72, 75) NISHIMURA, Toshiyuki [JP/JP]; Room 205, Bldg. 106, 15, Takezono 3-chome, Tsukuba-shi, Ibaraki 305-0032 (JP). UEMURA, Yoichiro [JP/JP]; 66-2, Kamikashiwada 3-chome, Ushiku-shi, Ibaraki 300-1232 (JP). MORITA, Shigenori [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP). OHTA, Michihiro [JP/JP]; 201, 17-1, Takasagocho 3-chome, Muroran-shi, Hokkaido 050-0072 (JP). IGARASHI, Kazumasa [JP/JP]; c/o Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 35/64

(11) WO 2004/085340 (13) A1

(21) PCT/JP2004/004203

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-084348 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR MANUFACTURING HONEYCOMB STRUCTURE
- PROCEDE DE PRODUCTION D'UNE STRUCTURE EN NID D'ABEILLE

(71) NGK INSULATORS LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUROI, Yumi [JP/JP] YAMAMOTO, Yoshinori [JP/JP] WADA, Yukihisa [JP/JP] ICHIKAWA, Shuuichi [JP/JP]

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 35/18, F27D 1/16, C10B 29/06, C21C 5/44

(11) WO 2004/085341 (13) A1

(21) PCT/BE2004/000045

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03447065.8 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • REFRACTORY COMPOSITION AND PROCESS FOR THE REPAIR OF A HOT REFRACTORY WALL

- COMPOSITION REFRACTAIRE ET PROCEDE POUR LA REPARATION D'UNE COMPOSITION A PAROI REFRACTAIRE CHAUFFEE

(71) PREMIER REFRACTORIES (BELGIUM) S.A. [BE/BE]; Rue de la Riviérette, 100, B-7330 Saint-Ghislain (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SABRE, Serge [FR/FR]; Place Ambroise Croizat 25, F-62640 Montigny-en-Gohelle (FR). JONAS, Christophe [BE/BE]; Rue des Aubépines 5, B-7380 Quiévrain (BE).

(74) DEBLED, Thierry; Vesuvius Group S.A., Intellectual Property Dept., Rue de Douvrain, 17, B-7011 Ghlin (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C04B 016/08

(11) WO 2004/085342 (13) A1

(21) PCT/US2004/008175

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/249,160 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • LIGHTWEIGHT JOINT COMPOUND CONTAINING STABLE AIR POCKETS
- PATE A JOINT LEGERE CONTENANT DES POCHES D'AIR STABLES

(71) NATIONAL GYPSUM PROPERTIES, LLC [US/US]; 2001 Rexford Road, Charlotte, NC 28211 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AYAMBEM, Amba [NG/US]; 655 Carriage View Court, Suwanee, GA 30024-6450 (US).

(74) FORMAN, Alexander, D.; Ice Miller, One American Square, Box 82001, Indianapolis, IN 46282-0002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C05G 1/00, C05C 5/02, C05F 5/00, 11/00

(11) WO 2004/085343 (13) A1

(21) PCT/CA2004/000457

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,936 26 Mar/mar 2003 US (26.03.2003)

(30) 2,432,823 19 Jun/juin 2003 CA (19.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLANT GROWTH COMPOSITIONS
• COMPOSITIONS DESTINEES A LA CROISSANCE DE PLANTES

(71) CERES ENVIRONMENTAL SOLUTIONS INDUSTRIES INC. [CA/CA]; 208 Joseph-Carrier, Vaudreuil, Quebec J7V 5V5 (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.; Gowling 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07B

(11) WO 2004/085344 (13) A2

(21) PCT/GB2004/001230

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306858.2 25 Mar/mar 2003 GB (25.03.2003)

(30) 60/475,065 30 May/mai 2003 US (30.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF OXY-MICHAEL ADDUCTS
• ELABORATION D'ADDUITS D'OXY-MICHAEL

(71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIXON, Darren [GB/GB]; 31 William Smith Close, Cambridge CB1 3QE (GB).
BUCHANAN, David [GB/GB]; 6 Applecross Road, Kirkintilloch G66 3TJ (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

(11) WO 2004/085345 (13) A2

(21) PCT/US2004/007092

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 60/456,374 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • 15 α -SUBSTITUTED ESTRADIOL CARBOXYLIC ACID ESTERS AS LOCALLY ACTIVE ESTROGENS

• ESTERS D'ACIDE CARBOXYLIQUE ET D'ESTRADIOL SUBSTITUES EN 15 β (A) EN TANT QU'OESTROGENES LOCALEMENT ACTIFS

(71) YALE UNIVERSITY [US/US]; Office of Cooperative Research, 433 Temple St., 1st Floor, New Haven, CT 06511 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOCHBERG, Richard [US/US]; 100 Watering Pond Road, Guilford, CT 06437 (US).

(74) COLEMAN, Henry, D.; Coleman Sudol Sapone, P.C., 714 Colorado Avenue, Bridgeport, CT 06605-1601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

(11) WO 2004/085346 (13) A2

(21) PCT/US2004/008401

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/392,977 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONJUGATED MOLECULAR ASSEMBLY, METHOD OF FABRICATING THE ASSEMBLY AND DEVICE INCLUDING THE ASSEMBLY

• ASSEMBLAGE MOLECULAIRE CONJUGUE, PROCEDE DE FABRICATION DE CET ASSEMBLAGE ET DISPOSITIF INCLUANT CET ASSEMBLAGE

(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) AFZALI-ARDAKANI, Ali [US/US]; 90 Cedar Lane, Ossining, NY 10562 (US).
KAGAN, Cherie, Renee [US/US]; 43 Waterview Drive, Ossining, NY 10562 (US).

(74) CHEUNG, Wan, Yee et al. / etc.; Staff Attorney-IP, Law Department, International Business Machines Corporation, Thomas J. Watson Research Center, P.O.Box 218, Yorktown Heights, NY 10598-0218 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C

(11) WO 2004/085347 (13) A2

(21) PCT/US2004/009002

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,213 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF N-ARYL-2-LACTAM AND N-ALKYL-2-LACTAM BY REDUCTIVE AMINATION OF LACTONES WITH ARYL AND ALKYL NITRO COMPOUNDS

• PRODUCTION DE N-ARYL-2-LACTAME ET DE N-ALKYL-2-LACTAME PAR AMINATION REDUCTRICE DE LACTONES AVEC DES COMPOSES NITRO ARYLIQUES ET ALKYLTIQUES

(71) E.I. DUPONT 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) MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) FELTHAM, S., Neil; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

(11) WO 2004/085348 (13) A2

(21) PCT/US2004/009003

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,219 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF 5-METHYL-N-ARYL-2-PYRROLIDONE AND 5-METHYL-N-ALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEVULINIC ACID ESTERS WITH ARYL AND ALKYL AMINES

• PRODUCTION DE 5-METHYL-N-ARYL-2-PYRROLIDONE ET DE 5-METHYL-N-ALKYL-2-PYRROLIDONE PAR AMINATION REDUCTRICE D'ESTERS D'ACIDE LEVULINIQUE AVEC DES ARYLAMINES ET DES ALKYLAMINES

(71) E.I. DUPONT 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) MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) FELTHAM, S., Neil; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C

(11) WO 2004/085349 (13) A2

(21) PCT/US2004/009004

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,046 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF 5-METHYL-1-HYDROCARBYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEVULINIC ACID

• PRODUCTION DE 5-METHYL-1-HYDROCARBYL-2-PYRROLIDONE PAR AMINATION REDUCTRICE D'ACIDE LEVULINIQUE

(71) E.I. DUPONT 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) MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) FELTHAM, S., Neil; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/20, 11/02

(11) WO 2004/085350 (13) A1

(21) PCT/US2004/007619

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/395,380 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CATALYST FINES HANDLING PROCESS

• PROCEDE DE TRAITEMENT DE FINES DE CATALYSEUR

(71) EXXONMOBIL CHEMICAL PATENTS, INC. [US/US]; A corporation of the State of Delaware, 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN EGMOND, Cor, F. [US/US]; 6407 Cog Hill Drive, Pasadena, TX 77505 (US). WALTER, Richard, E. [US/US]; 157 Black River Road, Long Valley, NJ 07853 (US).

(74) SHER, Jaimes et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/24, 15/44, C07D 301/19, 303/04

(11) WO 2004/085351 (13) A1

(21) PCT/JP2004/003971

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085100 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING
α-METHYLSTYRENE• PROCEDE DE PRODUCTION
D'ALPHA-METHYLSTYRENE(71) SUMITOMO CHEMICAL COMPANY,
LIMITED [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TSUJI, Junpei [JP/JP]; 1-9-0125,
Yushudainishi, Ichihara-shi, Chiba 2990125
(JP). ISHINO, Masaru [JP/JP]; 2-18-9, Ku-
ranamidai, Sodegaura-shi, Chiba 2990245
(JP).(74) ENOMOTO, Masayuki et al. / etc.; c/o
Sumitomo Chemical Intellectual Property
Service, Limited, 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 5418550 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2/00

(11) WO 2004/085352 (13) A2

(21) PCT/US2004/009039

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/457,087 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FEED PRETREATING

• PRE-TRAITEMENT D'UNE CHARGE

(71) EXXONMOBIL CHEMICAL PATENTS
INC. [US/US]; 5200 Bayway Drive, Bay-
town, TX 77520-5200 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SMITH, Charles, M. [US/US]; 3726
Tangley, West University Place, TX 77005
(US).(74) KUBENA, Linda, A.; ExxonMobil Chem-
ical Company, Law Technology, P.O. Box
2149, Baytown, TX 77522-2149 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KRKZ LC LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT 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 5/09, B01J 23/44

(11) WO 2004/085353 (13) A2

(21) PCT/EP2004/003263

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003/18888 26 Mar/mar 2003 KR
(26.03.2003)(30) 2003/18890 26 Mar/mar 2003 KR
(26.03.2003)(30) 2003/18891 26 Mar/mar 2003 KR
(26.03.2003)(30) 2003/19039 27 Mar/mar 2003 KR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PALLADIUM-BASED CATALYST FOR
SELECTIVE HYDROGENATION OF
ACETYLENE• CATALYSEUR A BASE DE PALLA-
DIUM POUR HYDROGENATION SE-
LECTIVE DE L'ACETYLENE(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MOON, Sang, Heup [KR/KR]; Gyeong-
nam Apt. 3-801, Seocho-gu, Seoul 137-752
(KR). KIM, Woo, Jae [KR/KR]; Sam-
sung Tower Palace E-4706 Dogok 2-dong,
Gangnam-gu, Seoul 135-535 (KR). KANG,
Jung, Hwa [KR/KR]; Cheongjin-dong 15,Jongno-gu, Seoul 110-130 (KR). AHN,
In, Young [KR/KR]; Dong-a Heights Apt.
110-1708 Sindang 4-dong, Jung-gu, Seoul
100-761 (KR).(74) HÖRSCHLER, Wolfram, J.; Isen-
bruck Bösl Hörschler Wichmann Huhn,
Theodor-Heuss-Anlage 12, 68165 Mannheim
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 29/00

(11) WO 2004/085354 (13) A2

(21) PCT/EP2004/050362

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03251987.8 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR THE HYDROGENA-
TION OF ALKYLARYL KETONES• PROCEDE D'HYDROGENATION
D'ALKYLARYLE CETONES(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NISBET, Timothy Michael [GB/NL];
Badhuisweg 3, NL-1031 CM Amsterdam
(NL). VAN ZWIENEN, Marinus [NL/NL];
Badhuisweg 3, NL-1031 CM Amsterdam
(NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/10, 35/14, 35/205, 31/20

(11) WO 2004/085355 (13) A1

(21) PCT/US2004/008103

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/396,084 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS FOR HYDROLYZING WATER-INSOLUBLE EPOXIDES

• PROCEDE D'HYDROLYSE D'EPOXYDES INSOLUBLE DANS L'EAU

(71) INVISTA TECHNOLOGIES S.à.r.l. [US/US]; Intellectual Property Record Center, 4417 Lancaster Pike, CRP 722/1032, Wilmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Shaorong [CN/US]; 104 Brians Court, Wilmington, DE 19810 (US). SUN, Yanhui [US/US]; 121 Median Drive, Wilmington, DE 19803 (US).

(74) KRUKIEL, Charles, E.; Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 29/149, B01J 23/72, 21/04

(11) WO 2004/085356 (13) A1

(21) PCT/EP2004/002929

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 702.5 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CATALYST AND METHOD FOR THE HYDRATION OF CARBONYL COMPOUNDS

• CATALYSEUR ET PROCEDE POUR HYDROGENER DES COMPOSES CARBONYLE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUBER-DIRR, Sylvia [DE/DE]; Jungheinher Strasse 12g, 64673 Zwingenberg (DE). HESSE, Michael [DE/DE]; Weinbietstrasse 10, 67549 Worms (DE). HAUNERT, Andrea [DE/DE]; Windeckstrasse 103-105, 68163 Mannheim (DE). JUNICKE, Henrik [DE/DE]; Friedrichsplatz 8, 68165 Mannheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 37/88, 39/16

(11) WO 2004/085357 (13) A1

(21) PCT/JP2004/004148

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-86872 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCTION OF BISPHENOL A

• PROCEDE DE PRODUCTION DE BISPHENOL A

(71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Hideaki [JP/JP]; c/o Mitsui Chemicals, Inc., 6, Takasago 1-chome, Takaishi-shi, Osaka 592-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C07C 41/54, 43/315

(11) WO 2004/085358 (13) A1

(21) PCT/JP2004/003908

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085490 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-085489 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-085491 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCING TETRAALKOXYPROPANE AND DERIVATIVE THEREOF

• PROCEDE DE PRODUCTION DE TETRA-ALCOXYPROPANE ET DERIVES DE CE COMPOSE

(71) NIPPON CARBIDE KOGYO KABUSHIKI KAISHA [JP/JP]; 11-19, Konan 2-chome, Minato-ku, Tokyo, 1088466 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITA, Shinya [JP/JP]; 235-42 Kitadai, Toyama-shi, Toyama, 9300103 (JP). KAKINUMA, Shinichi [JP/JP]; 1-9-11, Shinkanaya, Uozu-shi, Toyama, 9370801 (JP). MUROTANI, Masahiro [JP/JP]; 10-26, Taya 1-chome, Toyama-shi, Toyama, 9300901 (JP).

(74) AOKI, Atsushi et al. / etc.; A. Aoki, Ishida & Associates, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo, 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 43/215, 41/30, H05B 33/14 // C09K 19/16

(11) WO 2004/085359 (13) A1

(21) PCT/JP2004/003857

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-079740 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BENZENE DERIVATIVE HAVING LONG LINEAR CONJUGATED STRUCTURE MOIETY, METHOD FOR PRODUCTION THEREOF AND LIQUID CRYSTALLINE MATERIAL

• DERIVE DE BENZENE COMPRENANT UNE FRACTION DE STRUCTURE CONJUGUEE LINEAIRE LONGUE,

PROCEDE DE PRODUCTION DE CE
DERNIER ET MATIERE CRISTALLINE
LIQUIDE

(71) NIPPON CHEMICAL INDUSTRIAL
CO., LTD. [JP/JP]; 9-11-1, Kameido,
Koto-ku, Tokyo 1368515 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) HARAMOTO, Yuichiro [JP/JP]; 4-3-5,
Iida, Kofu-shi, Yamanashi 4000035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 43/215, H05B 33/14 // C09K 19/16

(11) WO 2004/085360 (13) A1

(21) PCT/JP2004/003859

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-079714 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BENZENE DERIVATIVE HAVING
LONG LINEAR CONJUGATED
STRUCTURE MOIETY, METHOD FOR
PRODUCTION THEREOF AND LIQ-
UID CRYSTALLINE MATERIAL

• DERIVE DE BENZENE PRESENTANT
UN FRAGMENT DE STRUCTURE
CONJUGUE LONG ET LINEAIRE,
METHODE DE PRODUCTION ET MA-
TERIAU CRISTALLIN LIQUIDE

(71) NIPPON CHEMICAL INDUSTRIAL
CO., LTD. [JP/JP]; 9-11-1, Kameido,
Koto-ku, Tokyo 1368515 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) HARAMOTO, Yuichiro [JP/JP]; 4-3-5,
Iida, Kofu-shi, Yamanashi 4000035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 43/23, C07D 209/32, 333/12

(11) WO 2004/085361 (13) A1

(21) PCT/GB2004/001341

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0306908.5 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BIOREDUCTIVELY ACTIVATED STIL-
BENE PRODRUGS

• PRODRUGUES DE STILBENE A AC-
TIVATION PAR REDUCTION BIOLO-
GIQUE

(71) ANGIOGENE PHARMACEUTICALS
LIMITED [GB/GB]; The Magdalen Cen-
tre, The Oxford Science Park, Oxfordshire
OX4 4GA (GB). GRAY LABORATORY
CANCER RESEARCH TRUST [GB/GB];
PO Box 100, Mount Vernon Hospital, North-
wood, Middlesex HA6 2JR (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DAVIS, Peter, David [GB/GB]; Angio-
gene Pharmaceuticals Limited, The Magdalen
Centre, Oxford Science Park, Oxfordshire
OX4 4GA (GB). NAYLOR, Matthew,
Alexander [GB/GB]; The Gray Cancer Insti-
tute, PO Box 100, Mount Vernon Hospital,
Northwood, Middlesex HA6 2JR (GB).
THOMSON, Peter [GB/GB]; The Gray
Cancer Institute, PO Box 100, Mount Vernon
Hospital, Northwood, Middlesex HA6 2JR
(GB). EVERETT, Steven, Albert [GB/GB];
The Gray Cancer Institute, PO Box 100,
Mount Vernon Hospital, Northwood, Middle-
sex HA6 2JR (GB). STRATFORD, Michael,
Richard, Lacey [GB/GB]; The Gray Can-
cer Institute, PO Box 100, Mount Vernon
Hospital, Northwood, Middlesex HA6 2JR
(GB). WARDMAN, Peter [GB/GB]; The
Gray Cancer Institute, P.O. Box 100, Mount
Vernon Hospital, Northwood, Middlesex
HA6 2JR (GB).

(74) SRINIVASAN, Ravi, Chandran; J.A.
Kemp & Co., 14 South Square, Gray's Inn,
London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 45/35, 51/25, 47/22, 57/04

(11) WO 2004/085362 (13) A1

(21) PCT/EP2004/002932

(22) 20 Mar/mar 2004 (20.03.2004)

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(30) 103 13 210.4 25 Mar/mar 2003 DE
(25.03.2003)

(30) 60/475,795 5 Jun/juin 2003 US
(05.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGE-
NEOUSLY CATALYZED PARTIAL GAS
PHASE OXIDATION OF PROPENE
INTO ACROLEIN

• PROCÉDÉ D'OXYDATION EN PHASE
GAZEUSE PARTIELLE, HÉTÉRO-
GÈNE ET CATALYSÉE DU PROPÈNE
EN ACROLÉINE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PETZOLDT, Jochen [DE/DE]; Wald-
parkstrasse 28, 68163 Mannheim (DE). DI-
ETERLE, Martin [DE/DE]; Stamitzstr. 19,
68167 Mannheim (DE). ARNOLD, Heiko
[DE/CN]; 45, Xi Xin Cun, Zijin Villas,
Nanjing 210014 (CN). RUPPEL, Wilhelm
[DE/DE]; Menzelstr. 1, 68163 Mannheim
(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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 45/35, 51/25, 47/22, 57/04, 45/35,
51/25

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(30) 103 13 212.0 25 Mar/mar 2003 DE
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(30) 60/476162 6 Jun/juin 2003 US
(06.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGE-
NEOUSLY CATALYSED PARTIAL GAS
PHASE OXIDATION OF PROPENE TO
FORM ACROLEIN

• PROCEDE D'OXYDATION PARTIELLE
EN PHASE GAZEUSE DE PROPENE
EN ACROLÉINE PAR CATALYSE HE-
TEROGENE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

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(72, 75) DIETERLE, Martin [DE/DE]; Stamitzstr. 19, 68167 Mannheim (DE). PET-ZOLDT, Jochen [DE/DE]; Waldparkstrasse 28, 68163 Mannheim (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 51/42, 65/11, A23L 2/00, 1/30, A23C 9/152

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(21) PCT/JP2004/004296

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-84827 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF STABILIZING 1,4-DIHYDROXY-2-NAPHTHOIC ACID

• PROCÉDÉ POUR STABILISER DE L'ACIDE 1,4-DIHYDROXY-2-NAPHTHOÏQUE

(71) MEIJI DAIRIES CORPORATION [JP/JP]; 2-10, Shinsuna 1-chome, Koto-ku, Tokyo 136-8908 (JP).

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(72, 75) ISAWA, Kakuhei [JP/JP]; c/o Division of Research and Development, Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). NAKATSUBO, Tadashi [JP/JP]; c/o Division of Research and Development, Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). HAYASHI, Satoshi [JP/JP]; c/o Division of Research and Development, Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP). KUBOTA, Yasushi [JP/JP]; c/o Division of Research and Development, Meiji Dairies Corporation, 540, Naruda, Odawara-shi, Kanagawa 250-0862 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 57/00

(11) WO 2004/085365 (13) A2

(21) PCT/EP2004/002930

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 211.2 25 Mar/mar 2003 DE (25.03.2003)

(30) 60/475,794 5 Jun/juin 2003 US (05.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGENEOUSLY CATALYZED PARTIAL GAS PHASE OXIDATION OF ACROLEIN INTO ACRYLIC ACID

• PROCÉDE D'OXYDATION EN PHASE GAZEUSE PARTIELLE, HÉTÉROGÈNE ET CATALYSEE DE L'ACROLEINE EN ACIDE ACRYLIQUE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(72, 75) DIETERLE, Martin [DE/DE]; Stamitzstr. 19, 68167 Mannheim (DE). PET-ZOLDT, Jochen [DE/DE]; Waldparkstr. 28, 68163 Mannheim (DE). MÜLLER-ENGEL, Klaus, Joachim [DE/DE]; Bahnhofstr. 82, 76297 Stutensee (DE). ARNOLD, Heiko [DE/CN]; 45, Xi Xin Cun, Zijin Villas, Nanjing 210014 (CN).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 57/00

(11) WO 2004/085366 (13) A1

(21) PCT/IN2003/000091

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTICANCER DITERPENE COMPOUNDS, PROCESS AND USES THEREOF

• COMPOSES DITERPENIQUES ANTICANCEREUX, PROCÉDES ET UTILISATIONS ASSOCIÉS

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). REGIONAL RESEARCH INSTITUTE OF UNANI MEDICINE [IN/IN]; Central Council of Research in Unani Medicine, New Delhi, University of Kashmir, Srinagar 190 006 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAR, Mohammad, Yaseen [IN/IN]; Regional Research Institute of Unani Medicine (Central Council of Research in Unani Medicine, New Delhi), University of Kashmir, Srinagar 190 006 (IN). YOUSUF, Mohammad [IN/IN]; Regional Research Institute of Unani Medicine (Central Council of Research in Unani Medicine, New Delhi), University of Kashmir, Srinagar 190 006 (IN). QURISHI, Mushtaq, A [IN/IN]; Regional Research Institute of Unani Medicine (Central Council of Research in Unani Medicine, New Delhi), University of Kashmir, Srinagar 190 006 (IN). ANSARI, Anees, A [IN/IN]; Regional Research Institute of Unani Medicine (Central Council of Research in Unani Medicine, New Delhi), University of Kashmir, Srinagar 190 006 (IN). AHMAD, Shamshad [IN/IN]; Regional Research Institute of Unani Medicine (Central Council of Research in Unani Medicine, New Delhi), University of Kashmir, Srinagar 190 006 (IN). SHAWL, Abdul, Sami [IN/IN]; Regional Research Laboratory, Jammu Canal Road, Jammu 180 001 (IN). SAXENA, Ajit, Kumar [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) SRINIVASAN, Thiagarajan; 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).

Published / Publiée : (b)

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 57/05

(11) WO 2004/085367 (13) A1

(21) PCT/EP2004/002879

(22) 19 Mar/mar 2004 (19.03.2004)

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(30) 103 13 208.2 25 Mar/mar 2003 DE
(25.03.2003)(30) 60/475,780 5 Jun/juin 2003 US
(05.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGENE-
CALLY CATALYSED PARTIAL GAS
PHASE OXIDATION OF PROPENE TO
FORM ACRYLIC ACID

- PROCÉDE DE L'OXYDATION EN
PHASE GAZEUSE PARTIELLE CATA-
LYSEE HETEROGENE DE PROPENE
POUR OBTENIR UN ACIDE ACRY-
LIQUE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DIETERLE, Martin [DE/DE];
Stamitzstr. 19, 68167 Mannheim (DE). PET-
ZOLDT, Jochen [DE/DE]; Waldparkstrasse
28, 68163 Mannheim (DE). MÜLLER-EN-
GEL, Klaus, Joachim [DE/DE]; Bahnhofstr.
82, 76297 Stutensee (DE). ARNOLD, Heiko
[DE/DE]; 45, Xi Xin Cun, Zijin Villas, Nan-
jing 210014 (CN).(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 57/05

(11) WO 2004/085368 (13) A2

(21) PCT/EP2004/002931

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 209.0 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGE-
NEOUSLY CATALYZED PARTIAL GAS
PHASE OXIDATION OF PROPENE
INTO ACRYLIC ACID

- PROCÉDÉ D'OXYDATION EN PHASE
GAZEUSE PARTIELLE, HÉTÉRO-
GÈNE ET CATALYSÉE DU PROPÈNE
EN ACIDE ACRYLIQUE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DIETERLE, Martin [DE/DE];
Stamitzstr. 19, 68167 Mannheim (DE). PET-
ZOLDT, Jochen [DE/DE]; Waldparkstr. 28,
68163 Mannheim (DE). MÜLLER-ENGEL,
Klaus Joachim [DE/DE]; Bahnhofstr.82,
76297 Stutensee (DE). MARTAN, Hans
[DE/DE]; Mozartstr.62, 67227 Frankenthal
(DE).(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 57/05

(11) WO 2004/085369 (13) A1

(21) PCT/EP2004/002936

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 213.9 25 Mar/mar 2003 DE
(25.03.2003)(30) 60/475,790 5 Jun/juin 2003 US
(05.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGE-
NEOUSLY CATALYSED PARTIAL GAS
PHASE OXIDATION OF PROPENE TO
FORM ACRYLIC ACID

- PROCÉDE D'OXYDATION PARTIELLE
EN PHASE GAZEUSE DE PROPENE
EN ACIDE ACRYLIQUE PAR CATA-
LYSE HETEROGENE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).(72, 75) PETZOLDT, Jochen [DE/DE]; Wald-
parkstr. 28, 68163 Mannheim (DE). DI-
ETERLE, Martin [DE/DE]; Stamitzstr. 19,
68167 Mannheim (DE). ARNOLD, Heiko
[DE/CN]; 45, Xi Xin Cun, Zijin Villas,
Nanjing 210014 (CN). RUPPEL, Wilhelm
[DE/DE]; Menzelstrasse 1, 68163 Mannheim
(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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 57/055

(11) WO 2004/085370 (13) A1

(21) PCT/EP2004/002934

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 214.7 25 Mar/mar 2003 DE
(25.03.2003)(30) 60/475,792 5 Jun/juin 2003 US
(05.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE HETEROGE-
NEOUSLY CATALYSED PARTIAL GAS
PHASE OXIDATION OF ACROLEIN
TO FORM ACRYLIC ACID

- PROCÉDE D'OXYDATION PARTIELLE
EN PHASE GAZEUSE D'ACROLEINE
EN ACIDE ACRYLIQUE PAR CATA-
LYSE HETEROGENE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).(72, 75) DIETERLE, Martin [DE/DE];
Stamitzstr. 19, 68167 Mannheim (DE).
PETZOLDT, Jochen [DE/DE]; Waldpark-
str. 28, 68163 Mannheim (DE). ARNOLD,
Heiko [DE/CN]; 45, Xi Xin Cun, Zijin Villas,
Nanjing 210014 (CN). RUPPEL, Wilhelm
[DE/DE]; Menzelstr. 1, 68163 Mannheim
(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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 57/07

(11) WO 2004/085371 (13) A1

(21) PCT/EP2004/003211

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 203.7 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE SEPARATION OF
MONOMERS FROM A COMPOSITION
CONTAINING A MONOMER

- PROCEDE POUR SEPARER DES MONOMERES D'UNE COMPOSITION CONTENANT UN MONOMERE
- (71) **STOCKHAUSEN GMBH & CO. KG** [DE/DE]; Bäckerpfad 25, 47805 Krefeld (DE). **DEGUSSA AG** [DE/DE]; Bennigsen-Platz 1, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOFF, Andreas** [DE/DE]; Kleyer Feld 2, 44149 Dortmund (DE). **KOBUS, Axel** [DE/DE]; Gräfin-Imma-Strasse 119, 44797 Bochum (DE). **THONG, Dennis** [MY/DE]; J.-Brahms-Strasse 63, 45772 Marl (DE). **GOEDECKE, Ralf** [DE/DE]; Ulmenstr. 18, 63517 Rodenbach (DE). **ROOS, Martin** [DE/DE]; Brinkweg 5d, 45721 Haltern (DE). **BALDUF, Torsten** [DE/DE]; Oppauer Strasse 10, 45772 Marl (DE).
- (74) **HERZOG, Martin**; Kahlhöfer Neumann Herzog Fiesser, Karlstrasse 76, 40210 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 59/90, 43/23, 49/255, 59/64, 69/773, 69/78, 69/734, 69/738, C07D 303/14, 317/30, A61K 31/05, 31/336, A61P 17/00, 37/08, 43/00, C09K 15/08
- (11) WO 2004/085373 (13) A1
- (21) PCT/JP2004/004316
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-86818 27 Mar/mar 2003 JP (27.03.2003)
- (30) 2003-417389 16 Dec/déc 2003 JP (16.12.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOVEL SHOGAOL COMPOUND AND TYROSINASE ACTIVITY INHIBITOR COMPRISING THE COMPOUND
- NOUVEAU COMPOSE DE SHOGAOL ET INHIBITEUR DE L'ACTIVITE DE TYROSINASE CONTENANT CE COMPOSE
- (71) **TOAGOSEI CO., LTD.** [JP/JP]; 1-14-1, Nishi-shimbashi, Minato-ku, Tokyo 105-8419 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAGUCHI, Shuhei** [JP/JP]; c/o Toagosei Co., Ltd., 2, Ohkubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **KATO, Hisatoyo** [JP/JP]; c/o Toagosei Co., Ltd., 2, Ohkubo, Tsukuba-shi, Ibaraki 300-2611 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 67/36, 69/653 // B01J 31/24
- (11) WO 2004/085374 (13) A1
- (21) PCT/JP2004/004017
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-085164 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR PRODUCING FLUORINE-CONTAINING ACRYLATE
- PROCEDE DE PRODUCTION D'ACRYLATE CONTENANT DU FLUOR
- (71) **TOSOH F-TECH INC.** [JP/JP]; 4988 banchi, Kaisei-cho, Shunan-shi, Yamaguchi, 7460006 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUCHIKAMI, Takamasa** [JP/JP]; III-702 gou, Kimura-roiyarumansyon, 15-4, Nimomiya 2-chome, Tsukuba-shi, Ibaraki 305-0051 (JP). **WAKASA, Noriko** [JP/JP]; 5-17-401, Minamihashimoto 3-chome, Sagami-hara-shi, Kanagawa, 2291133 (JP). **TOKUHISA, Kenji** [JP/JP]; 6-6, Madokoro 4-chome, Shunan-shi, Yamaguchi, 7460012 (JP). **MIMURA, Hideyuki** [JP/JP]; 15-4, Doi 2-chome, Shunan-shi, Yamaguchi, 7460011 (JP). **ARAI, Shoji** [JP/JP]; 8-52, Toishi 3-chome, Shunan-shi, Yamaguchi, 7450816 (JP).
- (74) **KISHIDA, Masayuki et al.** / etc.; Room 424, Marunouchi-Yaesu Building, 6-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 68/06, 29/12, 29/09, 31/20, C07D 317/36
- (11) WO 2004/085375 (13) A1
- (21) PCT/EP2004/050364
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 03251986.0 28 Mar/mar 2003 EP (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR THE PREPARATION OF PROPYLENE GLYCOL
- PROCEDE DE PREPARATION DE PROPYLENE GLYCOL
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
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- (72, 75) **VAN DER HEIDE, Evert** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **LANGE, Jean-Paul** [BE/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

Published / Publiée : (c)

MIEDEMA, Arjen [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 69/747, 67/31, 67/313, C07B 61/00

(11) WO 2004/085376 (13) A1

(21) PCT/JP2004/003967

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085681 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING OXYGEN-CONTAINING COMPOUND
• PROCEDE DE PRODUCTION DE COMPOSE OXYGENE

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAGIYA, Koji [JP/JP]; 5-4-405, Gakuen-cho, Ibaraki-shi Osaka 5670833 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 69/94, C07D 263/32

(11) WO 2004/085377 (13) A1

(21) PCT/EP2004/002579

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 13 228.7 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNTHESIS OF 2-CHLOROMETHYL-6-METHYLBENZOIC ACID ESTERS

• SYNTHÈSE D'ESTERS DE L'ACIDE 2-CHLOROMETHYL-6-METHYLBENZOIQUE

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

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(72, 75) MAIER, Claus-Jürgen [DE/DE]; Bachgasse 52, 69502 Hemsbach (DE). METZENTHIN, Tobias [DE/DE]; Neugasse 1 a, 65719 Hofheim (DE). GRAESER, Joachim [DE/DE]; Dahlienstrasse 10, 65451 Kelsterbach (DE). BICKER, Richard [DE/DE]; Brunnenstrasse 40, 68358 Liederbach (DE). MANERO, Javier [ES/DE]; Platanenweg 26, 65832 Liederbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 209/52, C07F 17/02, B01J 31/24, C07D 487/04 // (C07D 487/04, 249:00, 241:00)

(11) WO 2004/085378 (13) A1

(21) PCT/US2004/007793

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/455,932 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR THE PREPARATION OF CHIRAL BETA AMINO ACID DERIVATIVES BY ASYMMETRIC HYDROGENATION

• PROCEDE POUR PREPARER DES DERIVES D'ACIDE AMINE BETA CHIRAUX PAR HYDROGENATION ASYMETRIQUE

(71) MERCK & CO. INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) XIAO, Yi [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ARMSTRONG, Joseph, D., III [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). KRASKA, Shane, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). NJOLITO, Eugenia [ID/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). RIVERA, Nelo, R. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SUN, Yongkui

[US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ROSNER, Thorsten [DE/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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 211/55, G01N 31/22

(11) WO 2004/085379 (13) A1

(21) PCT/ES2003/000139

(22) 24 Mar/mar 2003 (24.03.2003)

(25) es (26) es

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DERIVATIVES OF 3,3',5,5'-TETRAALKYLBENZIDINE BIS {MONO-CARBOXYLATOBENZENE POLYCARBOXYLIC} AND APPLICATIONS THEREOF

• DERIVES DE 3,3',5,5'-TETRAALKYLBENZIDINE BIS {MONO-CARBOXYLATOBENZENE POLYCARBOXYLIQUE} ET LEURS APPLICATIONS

(71, 72) BOSCH SERRAT, Francisco [ES/ES]; Serpis, 15, 46021 VALENCIA (ES). BOSCH MORELL, Gerardo [ES/ES]; Serpis, 15, 46021 VALENCIA (ES). RODRÍGUEZ POLO, Diego Miguel [ES/ES]; Carril Picón, 3 Dpdp. 6º A, 18002 GRANADA (ES).

(74) CAPITAN GARCIA, Nuria; C/Capitán Haya, 13 1 B, 28020 MADRID (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 217/62, 213/08, C09K 19/16, H05B 33/14, 33/22, G03G 5/06

(11) WO 2004/085380 (13) A1

(21) PCT/JP2004/003862

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-079665 **24 Mar/mar 2003 JP**
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BENZENE DERIVATIVE HAVING MOIETY OF LONG LINEAR CONJUGATED SYSTEM STRUCTURE, METHOD FOR PREPARATION THEREOF AND LIQUID CRYSTALLINE MATERIAL

• DERIVE BENZENIQUE PRESENTANT UNE FRACTION DE STRUCTURE A SYSTEME CONJUGUE LINEAIRE LONG, PROCEDE DE PREPARATION DE CE DERNIER ET MATERIAU CRISTALLIN LIQUIDE

(71) NIPPON CHEMICAL INDUSTRIAL CO., LTD. [JP/JP]; 9-11-1, Kameido, Koto-ku, Tokyo 136-8515 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HARAMOTO, Yuichiro [JP/JP]; 4-3-5, Iida, Kofu-shi, Yamanashi 400-0035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 251/66, 251/68, C07D 251/30, C08K 5/33, C08L 21/00, C08C 1/02

(11) WO 2004/085381 (13) A1

(21) PCT/US2004/007479

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/395,591 **24 Mar/mar 2003 US**
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • 4-NITROSODIPHENYLAMINE DERIVATIVES AND THEIR USE AS COUPLING AGENTS FOR FILLED RUBBER COMPOUNDS

• DERIVES DE 4-NITROSODIPHENYLAMINE ET UTILISATION COMME AGENTS DE PONTAGES POUR COMPOSES REMPLIS DE CAOUTCHOUC

(71) UNIROYAL CHEMICAL COMPANY, INC. [US/US]; Benson Road, Middlebury, CT 06749 (US).

(72) STIEBER, Joseph, F.; 30 Williams Drive, Prospect, CT 06712 (US). BARROWS, Franklin, H.; 68 Brookdale Lane, Waterbury, CT 06705 (US).

(74) REITENBACH, Daniel; Uniroyal Chemical Company, Inc., Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 251/80, 251/86, 317/44, 323/25, 323/60, 323/66, C07D 207/18, 211/46, 211/58, 211/60, 213/32, 213/44, 213/81, 231/04, 241/04, 243/08, 261/18, 249/12, 257/04, 295/08, 295/12, 295/18, 307/68, 307/52, 333/38, 403/12, 405/12, 409/12, 491/10

(11) WO 2004/085382 (13) A1

(21) PCT/JP2004/004427

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-089173 **27 Mar/mar 2003 JP**
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOUND INHIBITING IN VIVO PHOSPHORUS TRANSPORT AND MEDICINE CONTAINING THE SAME

• COMPOSE INHIBITEUR IN VIVO DE TRANSPORT DE PHOSPHORE ET MEDICAMENT EN CONTENANT

(71) KIRIN BEER KABUSHIKI KAISHA [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo, 1048288 (JP).

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(72, 75) ETO, Nobuaki [JP/JP]; c/o Kirin Beer Kabushiki Kaisha Iyaku Tansaku Kenkyusho, 3, Miyahara-cho, Takasaki-shi, Gunma, 3701295 (JP). NAGAO, Rika [JP/JP]; c/o Kirin Beer Kabushiki Kaisha Iyaku Tansaku Kenkyusho, 3, Miyahara-cho, Takasaki-shi, Gunma, 3701295 (JP). MIYAZAKI, Tet-suko [JP/JP]; c/o Kirin Beer Kabushiki Kaisha Iyaku Tansaku Kenkyusho, 3, Miyahara-cho, Takasaki-shi, Gunma, 3701295 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 255/23, 253/30, 253/34

(11) WO 2004/085383 (13) A1

(21) PCT/JP2004/003904

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-081335 **24 Mar/mar 2003 JP**
(24.03.2003)

(30) 2003-176706 **20 Jun/juin 2003 JP**
(20.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCTION OF 2-CYANO-3-HYDROXY-N-(4-TRIFLUOROMETHYLPHENYL)HEPT-2-EN-6-YNAMIDE AND PROCESS FOR PRODUCTION OF POLYMORPHS THEREOF

• PROCEDE DE PRODUCTION DE 2-CYANO-3-HYDROXY-N-(4-TRIFLUOROMETHYLPHENYL)HEPT-2-EN-6-YNAMIDE ET PROCEDE DE PRODUCTION DE POLYMORPHES ASSOCIES

(71) FUJISAWA PHARMACEUTICAL CO. LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OMORI, Hiroki [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). KUBOTA, Ariyoshi [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). KAWAKAMI, Takeshi [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). FUJII, Yosuke [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). MATSUMOTO, Ikuro [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). KITAYAMA, Masato [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). GOTO, Shunsuke [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). HIRABAYASHI, Satoshi [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD. 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP).

(74) NOGAWA, Shintaro; Minamimorimachi Park Bldg. 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 311/00

(11) WO 2004/085384 (13) A2

(21) PCT/US2003/037035

(22) 18 Nov/nov 2003 (18.11.2003)

(25) en (26) en

(30) 60/427,670 18 Nov/nov 2002 US (18.11.2002)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BIS-ARYL SULFONAMIDES
• BIS-ARYLE SULFONAMIDES

(71) CHEMOCENTRYX [US/US]; 1539 Industrial Road, San Carlos, CA 94070 (US).

(72) UGASHE, Solomon; 36641 Reynolds Drive, Fremont, CA 94536 (US). WEI, Zheng; 75 Duane Street #12, Redwood City, CA 94062 (US). WRIGHT, J., J.; 740 Bair Island Road #107, Redwood City, CA 94063 (US). PENNELL, Andrew; 148 Hancock Street, San Francisco, CA 94114 (US). PREMACK, Brett; 155 Jackson, #2008, San Francisco, CA 94111 (US). SCHALL, Thomas, J.; 530 Webster Place #5, Palo Alto, CA 94301 (US).

(74) MRKSICH, K., Shannon; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 317/00

(11) WO 2004/085385 (13) A2

(21) PCT/US2004/008333

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/456,268 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CANNABINOID RECEPTOR LIGANDS
• LIGANDS DE RECEPTEURS DE CANNABINOIDES

(71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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(72, 75) SHANKAR, Bandarpalle, B. [US/US]; 1124 Van Arsdale Drive, Branchburg, NJ 08853 (US). RIZVI, Razia, K. [US/US]; 22 Tomar Court, Bloomfield, NJ 07003 (US). KOZLOWSKI, Joseph, A. [US/US]; 1066 Stuart Road, Princeton, NJ 08540 (US).

SHIH, Neng-Yang [US/US]; 4 Overlook Drive, Warren, NJ 07059 (US).

(74) BLINKA, Thomas, A.; Schering-Plough Corporation, Patent Department, K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C07D

(11) WO 2004/085386 (13) A2

(21) PCT/US2004/007599

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/394,393 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HETEROBIFUNCTIONAL POLYMERIC BIOCONJUGATES
• BIOCONJUGUES POLYMERES HETEROBIFONCTIONNELS

(71) ENZON PHARMACEUTICALS, INC. [US/US]; 685 Route 202/206, Bridgewater, NJ 08807 (US).

(72) GREENWALD, Richard, B.; 113 Hickory Road, Somerset, NJ 08873 (US). ZHAO, Hong; 34 Bella Vista Court, Edison, NJ 08820 (US).

(74) MUSERLIAN, Charles et al. / etc.; Muserlian, Lucas & Mercanti, LLP, 475 Park Avenue South, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) WO 2004/085387 (13) A2

(21) PCT/US2004/008367

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,877 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WATER-SOLUBLE MONO-PEGYLATED TETRAPYRROLE DERIVATIVES FOR PHOTODYNAMIC THERAPY AND METHOD OF PRODUCTION
• DERIVES HYDROSOLUBLES DE TETRAPYRROLE MONO-PEGYLES POUR THERAPIE PHOTODYNAMIQUE ET PROCEDE DE PRODUCTION

(71) CERAMOPTEC INDUSTRIES, INC. [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) NIFANTIEV, Nikolay; Litovsky bulvar, 13/12-481, B-593, Moscow, 117593 (RU). YASHUNSKY, Dmitri, V.; Frunzenskaja nab., 48-131, Moscow, 119270 (RU).

(74) CERAMOPTEC INDUSTRIES, INC. Skutnik, Bolesh, J.; 515 Shaker Road, East Longmeadow, MA 01028 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D

(11) WO 2004/085388 (13) A2

(21) PCT/US2004/008827

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/395,503 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYCLIC PROTEIN TYROSINE KINASE INHIBITORS
• INHIBITEURS DE TYROSINE KINASE CYCLIQUES

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 and Province Line Road, Princeton, New Jersey 08543-4000 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAS, Jagabandhu** [US/US]; 38 Martin Lane, Mercerville, New Jersey 08619 (US). **PADMANABHA, Ramesh** [US/US]; 80 Carmel Street, Hamden, Connecticut 06518 (US). **CHEN, Ping** [US/US]; 21 Derby Chase Court, Belle Mead, New Jersey 08502 (US). **NORRIS, Derek, J.** [CA/US]; 52 Manley Road, Pennington, New Jersey 08638 (US). **DOWEYKO, Arthur, M. P.** [US/US]; 9 Highland Avenue, Long Valley, New Jersey 07853 (US). **BARRISH, Joel** [US/US]; 38 Dorchester Lane, Richboro, Pennsylvania 18954 (US). **WITYAK, John** [US/US]; 3377 Avenida Nieve, Carlsbad, California 92009 (US). **LOMBARDO, Louis, J.** [US/US]; 49 West Street, Belle Mead, New Jersey 08502 (US). **LEE, Francis, Y. F.** [CN/US]; 363 Lang Court, Yardley, Pennsylvania 19067 (US).

(74) **VANATTEN, Mary, K.** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, New Jersey 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **C07D 207/16, A61K 31/401, A61P 3/06, A23L 1/30, A23K 1/16**

(11) **WO 2004/085389** (13) A1

(21) PCT/JP2004/004311

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-084393 **26 Mar/mar 2003 JP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **LIPID METABOLISM IMPROVING AGENT**

• **AGENT AMELIORANT LE METABOLISME DES LIPIDES**

(71) **KYOWA HAKKO KOGYO CO. LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 1008185 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMIYA, ToshikazuSHIRAI, Akio**

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 207/267, A61K 31/4015, A01N 43/36, C09D 11/02, C09K 5/00**

(11) **WO 2004/085390** (13) A1

(21) PCT/US2004/008997

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10/396,049 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **PRODUCTION OF 5-METHYL-N-ARYL-2-PYRROLIDONE AND 5-METHYL-N-ALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEUVLINIC ACID ESTERS WITH NITRO COMPOUNDS**

• **PRODUCTION DE 5-METHYL-N-ARYL-2-PYRROLIDONE ET DE 5-METHYL-N-ALKYL-2-PYRROLIDONE PAR AMINATION REDUCTRICE D'ESTERS D'ACIDE LEUVLINIQUE AVEC DES COMPOSES NITRO**

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANZER, Leo, Ernest** [US/US]; 714 Burnley Road, Wilmington, Delaware 19803 (US).

(74) **FELTHAM, S., Neil; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).**

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C07D 207/34, A61K 31/00, A61P 3/06**

(11) **WO 2004/085391** (13) A1

(21) PCT/HU2004/000026

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) P0300761 **24 Mar/mar 2003 HU (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **PROCESS FOR THE SYNTHESIS OF AMORPHOUS ATORVASTATIN CALCIUM**

• **PROCEDE DE SYNTHESE DE CALCIUM D'ATORVASTATINE AMORPHE**

(71) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.** [HU/HU]; Gyömrői út 19-21., H-1103 Budapest (HU).

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(72, 75) **CZIBULA, László** [HU/HU]; Gergely u. 48., H-1103 Budapest (HU). **DOBAY, László** [HU/HU]; Kertész u. 42-44., H-1073 Budapest (HU). **WERKNÉ PAPP, Éva** [HU/HU]; Noszlopy u. 41., H-1103 Budapest (HU). **DEUTSCHNÉ JUHÁSZ, Ida** [HU/HU]; Kalap u. 6., H-1037 Budapest (HU). **BÁLINT, Sándorné** [HU/HU]; Sasadi út 155., H-1112 Budapest (HU).

(74) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.**; Gyömrői út 19-21., H-1103 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 209/14, 209/18, 209/30, 209/32, 403/12, 405/12, 409/12**

(11) **WO 2004/085392** (13) A1

(21) PCT/EP2004/003119

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 03 360 041.2 **25 Mar/mar 2003 EP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **MELATONIN DERIVATIVES AND THEIR USE FOR TREATING NEUROLOGICAL DYSFUNCTIONS**

• **DÉRIVÉS DE MELATONINE ET LEUR UTILISATION DANS LE TRAITEMENT DE DYSFONCTIONNEMENTS NEUROLOGIQUES**

(71) **FAUST PHARMACEUTICALS** [FR/FR]; Parc d'Innovation, Rue Geiler de Kaysersberg, F-67400 Illkirch (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHANN, Stephan** [FR/FR]; 36, rue de la Course, F-67000 Strasbourg (FR).
NEUVILLE, Pascal [FR/FR]; 8, rue Sainte Hélène, F-67610 La Wantzenau (FR).

(74) **GROSSET-FOURNIER, Chantal** et al. / etc.; Grosset-Fournier & Demachy SARL, 20, rue de Maubeuge, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 209/14, C07C 279/00, A61K 31/404

(11) WO 2004/085393 (13) A1

(21) PCT/IN2003/000076

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF TEGASEROD MALEATE

• NOUVELLES FORMES CRISTALLINES DE MALEATE DE TEGASEROD

(71) **HETERO DRUGS LIMITED** [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARTHASARADHI, Reddy, Bandi** [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). **RATHNAKAR, Reddy, Kura** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **RAJI, Reddy, Rapolu** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **MURALIDHARA, Reddy, Dasari** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **Srinivas, Reddy, Itiyala** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) **HETERO DRUGS LIMITED**; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E. Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C07D 209/30

(11) WO 2004/085394 (13) A1

(21) PCT/GB2004/001342

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307231.1 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • 7-NITROINDOLINE DERIVATIVES AND THEIR USES

• DERIVES DE 7-NITROINDOLINE ET LEURS UTILISATIONS

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London, Greater London W1N 4AL (GB).
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(72, 75) **CORRIE, John, Edgar, Thomas** [GB/GB]; 17 Stockens Green, Knebworth, Hertfordshire SG3 6DG (GB). **PAPAGEORGIOU, George** [CY/GB]; 31 Baring Road, Barnet, Hertfordshire EN4 9AN (GB).

(74) **KIDDLE, Simon** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 209/32, A61K 31/4045, A61P 25/00

(11) WO 2004/085395 (13) A1

(21) PCT/EP2004/003117

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03360041.2 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MELATONIN DERIVATIVES AND THEIR USE FOR TREATING NEUROLOGICAL DYSFUNCTIONS

• DERIVES DE MELATONINE ET LEUR UTILISATION DANS LE TRAITEMENT DE DYSFONCTIONNEMENTS NEUROLOGIQUES

(71) **FAUST PHARMACEUTICALS** [FR/FR]; Parc d'Innovation, Rue Geiler de Kaysersberg, F-67400 Illkirch (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHANN, Stephan** [FR/FR]; 36, rue de la Course, F-67000 Strasbourg (FR).
NEUVILLE, Pascal [FR/FR]; 8, rue Sainte-Hélène, F-67610 La Wantzenau (FR).

(74) **GROSSET-FOURNIER, Chantal** et al. / etc.; Grosset-Fournier & Demachy, 54, rue Saint-Lazare, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 209/48, A61K 31/4035, A61P 9/00, A01N 1/02, G01N 33/15, 33/50

(11) WO 2004/085396 (13) A1

(21) PCT/JP2004/004285

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086482 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PREVENTIVE OR THERAPEUTIC AGENT FOR ISHEMIA/REPERFUSION INJURY, ORGAN PRESERVATIVE, AND SCREENING METHOD

• AGENT PREVENTIF OU THERAPEUTIQUE POUR L'ISCHEMIE/LA LESION DE PERFUSION REPETEE, AGENT DE CONSERVATION D'ORGANES, ET PROCEDE DE CRIBLAGE

(71) **MITSUBISHI PHARMA CORPORATION** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410046 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTO, Taichiro** [JP/JP]; c/o Keio University Hospital, 35, Shinanomachi, Shinjuku-ku, Tokyo 1608582 (JP). **ISHIZAKA, Akitoshi** [JP/JP]; c/o Tokyo Electric Power

- Company Hospital, 9-2, Shinanomachi, Shinjuku-ku, Tokyo 1600016 (JP). **KOBAYASHI, Koichi** [JP/JP]; c/o Keio University Hospital, 35, Shinanomachi, Shinjuku-ku, Tokyo 1608582 (JP). **KOBAYASHI, Fujio** [JP/JP]; c/o Mitsubishi Pharma Corporation Tokyo Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 1038405 (JP).
- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C07D 211/94, C07C 291/04, C07B 43/00, 33/00**
- (11) **WO 2004/085397** (13) A1
- (21) PCT/EP2004/050315
- (22) **17 Mar/mar 2004 (17.03.2004)**
- (25) en (26) en
- (30) 03100790.9 **27 Mar/mar 2003 EP (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR THE OXIDATION OF SECONDARY AMINES INTO THE CORRESPONDING NITROXIDES
- PROCEDE D'OXYDATION D'AMINES SECONDAIRES EN NITROXYDES CORRESPONDANTS
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NESVADBA, Peter** [CH/CH]; Route des Pralettes 83A, CH-1723 Marly (CH). **BUGNON, Lucienne** [CH/CH]; Steingrubenberg 12, CH-4148 Pfeffingen (CH). **VON BÜREN, Martin** [CH/CH]; Chrischonastrasse 25, CH-4132 MuttENZ (CH).
- (74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C07D 213/30**
- (11) **WO 2004/085398** (13) A1
- (21) PCT/JP2004/003824
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) ja (26) ja
- (30) 2003-079624 **24 Mar/mar 2003 JP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BENZENE DERIVATIVE HAVING MOIETY OF LONG LINEAR CONJUGATED STRUCTURE, METHOD FOR PREPARATION THEREOF AND LIQUID CRYSTALLINE MATERIAL
- DERIVE DE BENZENE DONT UNE PARTIE PRESENTE UNE LONGUE STRUCTURE CONJUGUEE LINEAIRE, PROCEDE DE PREPARATION ASSOCIE ET SUBSTANCE CRISTAL LIQUIDE
- (71) **NIPPON CHEMICAL INDUSTRIAL CO. LTD.** [JP/JP]; 9-11-1, Kameido Koto-ku, Tokyo, 1368515 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **HARAMOTO, Yuicro** [JP/JP]; 4-3-5, Iida Kofu-shi, Yamanashi, 4000035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **C07D 213/68, 413/12, 213/81, A61P 31/00, A61K 31/4427, A61P 17/06**
- (11) **WO 2004/085399** (13) A1
- (21) PCT/EP2004/002406
- (22) **9 Mar/mar 2004 (09.03.2004)**
- (25) en (26) en
- (30) 03006702.9 **24 Mar/mar 2003 EP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • OXAMIDE DERIVATIVES USEFUL AS RAF-KINASE INHIBITORS
- INHIBITEURS DE LA RAF-KINASE A BASE DE DERIVES OXAMIDIQUES
- (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) **BUCHSTALLER, Hans-Peter** [AT/DE]; Heinrichstrasse 54, 64331 Weiterstadt (DE). **WIESNER, Matthias**

- [DE/DE]; Beethovenring 10, 64342 Seeheim-Jugenheim (DE). **ZENKE, Frank** [DE/DE]; Schulzengasse 7, 64291 Darmstadt (DE). **AMENDT, Christiane** [DE/DE]; Barkhausstrasse 22, 64289 Darmstadt (DE). **GRELL, Matthias** [DE/DE]; Lindenweg 44, 64291 Darmstadt (DE). **SIRRENBURG, Christian** [DE/DE]; Taunusstrasse 10, 64289 Darmstadt (DE).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **C07D 213/82, A01N 43/40, C07D 409/12**
- (11) **WO 2004/085400** (13) A1
- (21) PCT/EP2004/002689
- (22) **16 Mar/mar 2004 (16.03.2004)**
- (25) de (26) de
- (30) 103 13 683.5 **26 Mar/mar 2003 DE (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SUBSTITUTED PYRI(MI)DIN(THIO)CARBOXAMIDES USED AS PESTICIDES
- PYRI(MI)DIN(THIO)CARBOXAMIDES SUBSTITUES EN TANT QU'AGENTS ANTIPARASITAIRES
- (71) **BAYER CROPSCIENCE AG** [DE/DE]; Alfred-Nobel-Strasse 50, 40789 Monheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRAUTSTRUNK, Gerhard** [DE/DE]; Franz-Lehar-Weg 48, 61118 Bad Vilbel (DE). **ARNOLD, Christian** [DE/DE]; Grimmsdorfer Weg 11, 53343 Adendorf (DE). **SCHWARZ, Hans-Georg** [DE/DE]; Heinenbusch 19e, 40764 Langenfeld (DE). **BRETSCHNEIDER, Thomas** [DE/DE]; Talstrasse 29 b, 53979 Lohmar (DE). **KONZE, Jörg** [DE/DE]; Magazinstr. 61, 51147 Köln (DE). **LÖSEL, Peter** [GB/DE]; Lohrstr. 90 a, 51371 Leverkusen-Hitdorf (DE). **DREWES, Mark** [DE/DE]; Goethestrasse 38, 40764 Langenfeld (DE). **FEUCHT, Dieter** [DE/DE]; Ackerweg 9, 40789 Monheim (DE). **HEMPEL, Waltraud** [DE/DE]; Zum Morgengraben 18, 65835 Liederbach (DE).
- (74) **RIPPEL, Hans, Christoph**; Bayer Crop-Science GmbH, Patent- und Lizenzabteilung, Industriepark Höchst, Gebäude K 607, 65926 Frankfurt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 215/14, 215/50, 215/12, 241/42,
401/04, 401/12, 409/12, 405/12, 413/12,
417/12, 403/06, 401/06, 413/06, 405/06,
417/06

(11) WO 2004/085401 (13) A1

(21) PCT/IB2004/000836

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/458,274 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • 1,2,4-SUBSTITUERTE 1,2,3,4-
TETRAHYDRO-AND 1,2 DIHYDRO-
QUINOLINE AND 1,2,3,4-TETRAHY-
DRO-QUINOXALINE DERIVATIVES
AS CETP INHIBITORS FOR THE
TREATMENT OF ATHEROSCLEROSIS
AND OBESITY

• DERIVES DE 1,2,3,4-TETRAHY-
DRO- ET 1,2 DIHYDRO-QUINO-
LEINE ET 1,2,3,4-TETRAHYDRO-QUI-
NOXALINE 1,2,4-SUBSTITUES,
UTILES COMME INHIBITEURS
DE CETP POUR LE TRAITEMENT
DE L'ATHEROSCLEROSE ET DE
L'OBESITE

(71) PFIZER PRODUCTS INC. [US/US]; East-
ern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHANG, George [US/US]; Pfizer
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Point Road, Groton, CT 06340 (US). DID-
IUK, Mary, Theresa [US/US]; Pfizer Global
Research and Development, Eastern Point
Road, Groton, CT 06340 (US). FINNEMAN,
Jari, Ilmari [FI/US]; Pfizer Global Research
& Development, Eastern Point Road, Gro-
ton, CT 06340 (US). GARIGIPATI, Ravi,
Shanker [US/US]; Pfizer Global Research
and Development, Eastern Point Road,
Groton, CT 06340 (US). KELLEY, Ryan,
Michael [US/US]; Pfizer Global Research &
Development, Eastern Point Road, Groton,
CT 06340 (US). PERRY, David, Austen
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opment, Eastern Point Road, Groton, CT
06340 (US). RUGGERI, Roger, Benjamin
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(US). BECHLE, Bruce, Michael [US/US];
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(74) LUMB, Trevor, J. et al. / etc.; c/o
LAWRENCE, Jackie, Pfizer Inc., Mail-
stop 8260-1615, Eastern Point Road, Groton,
CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 215/40, 401/12, A61K 31/4706

(11) WO 2004/085402 (13) A1

(21) PCT/IB2003/006362

(22) 22 Dec/déc 2003 (22.12.2003)

(25) en (26) en

(30) 459/DEL/2003 27 Mar/mar 2003 IN
(27.03.2003)

(30) 473/DEL/2003 27 Mar/mar 2003 IN
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RING-SUBSTITUTED 8-AMINO-
QUINOLINE DERIVATES AS ANTI-
MALARIAL AGENTS
• DERIVES DE 8-AMINOQUINOLINE A
CYCLE SUBSTITUE UTILES COMME
AGENTS ANTI-PALUDEENS

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, 110 001 New Delhi (IN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JAIN, Rahul [IN/IN]; National Institute
of Pharmaceutical Education and Research,
Department of Pharmaceutical technology,
Sector 67, Phase X, SAS Nagar, Mohali,
District Ropar, 160 062 Punjab (IN). JAIN,
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Department of Pharmaceutical technology,
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Department of Pharmaceutical technology,
Sector 67, Phase X, SAS Nagar, Mohali,
District Ropar, 160 062 Punjab (IN). SINGH,
Savita [IN/IN]; National Institute of Pharma-
ceutical Education and Research, Department
of Pharmaceutical technology, Sector 67,
Phase X, SAS Nagar, Mohali, District Ropar,
160 062 Punjab (IN). SACHDEVA, Sandeep
[IN/IN]; National Institute of Pharmaceuti-
cal Education and Research, Department of
Pharmaceutical technology, Sector 67, Phase
X, SAS Nagar, Mohali, District Ropar, 160
062 Punjab (IN). MISRA, Vijai [IN/IN]; Na-
tional Institute of Pharmaceutical Education
and Research, Department of Pharmaceutical
technology, Sector 67, Phase X, SAS Na-
gar, Mohali, District Ropar, 160 062 Punjab
(IN). RAMARAO, Poduri [IN/IN]; National
Institute of Pharmaceutical Education and
Research, Department of Pharmaceutical
technology, Sector 67, Phase X, SAS Nagar,
Mohali, District Ropar, 160 062 Punjab (IN).
KAUL, Chaman, Lal [IN/IN]; National
Institute of Pharmaceutical Education and
Research, Department of Pharmaceutical
technology, Sector 67, Phase X, SAS Nagar,

Mohali, District Ropar, 160 062 Punjab (IN).
TIKKO, Kulbhushan [IN/IN]; National
Institute of Pharmaceutical Education and
Research, Department of Pharmaceutical
technology, Sector 67, Phase X, SAS Nagar,
Mohali, District Ropar, 160 062 Punjab (IN).

(74) GABRIEL, Devadoss, Calab et al. / etc.;
K & S Partners, 84-C, C-6 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (b)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA
(AM AZ BY KG KZ MD RU TJ TM) EP (AT BE
BG CH CY CZ DE DK EE ES FI FR GB GR HU
IE IT LU MC 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 EG ES FI GB
GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LR LS LT LU
LV MA MD MG MK MN MW MX MZ NI NO NZ
OM PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW AP (BW GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU
ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 217/02, 217/18, 217/20, 405/06, 217/04, 217/16, A61P 3/04, 25/20, A61K 31/472

(11) WO 2004/085403 (13) A1

(21) PCT/EP2004/003057

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) PCT/EP03/03143 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TETRAHYDROISOQUINOLYL ACETAMIDE DERIVATIVES FOR USE AS OREXIN RECEPTOR ANTAGONISTS

• DERIVES DE TETRAHYDRO-ISOQUINOLYL-ACETAMIDE DESTINES A SERVIR D'ANTAGONISTES DES RECEPTEURS D'OREXINE

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AISSAOUI, Hamed [FR/FR]; 04, Allée des Griottes, F-68840 Pulversheim (FR). CLOZEL, Martine [FR/CH]; Winterhalde 3b, CH-4102 Binningen (CH). WELLER, Thomas [CH/CH]; Hoelzlistrasse 58, CH-4102 Binningen (CH). KOBERSTEIN, Ralf [DE/DE]; Bergstrasse 34 b, 79539 Lörrach (DE). SIFFERLEN, Thierry [FR/FR]; 6, rue de Thann, F-68116 Guewenheim (FR). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH).

(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 217/16

(11) WO 2004/085404 (13) A1

(21) PCT/EP2004/002497

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 12 963.4 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUBSTITUTED 4-PHENYLTETRAHYDROISOQUINOLINES, METHOD FOR THE PRODUCTION THEREOF, THE USE OF THE SAME AS MEDICAMENTS, AND MEDICAMENT CONTAINING SUCH COMPOUNDS

• 4-PHENYLTETRAHYDROISOQUINOLINE SUBSTITUEE, SON PROCEDE DE FABRICATION, SON UTILISATION

COMME MEDICAMENT, ET MEDICAMENT CONTENANT CE COMPOSE

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstraße 50, 65929 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOFMEISTER, Armin [DE/DE]; Pfaugasse 16, 55276 Oppenheim (DE). HEINELT, Uwe [DE/DE]; Mosbacher Straße 54, 65187 Wiesbaden (DE). LANG, Hans-Jochen [DE/DE]; Rüdesheimer Strasse 7, 65719 Hofheim (DE). FRICK, Wendelin [DE/DE]; Schornmühlstraße 3, 65510 Hünstetten-Beuerbach (DE). BLEICH, Markus [DE/DE]; Eufinger Strasse 73, 65597 Hünfelden-Dauborn (DE). WIRTH, Klaus [DE/DE]; Robert-Schumann-Ring 104, 65830 Kriftel (DE).

(74) AVENTIS PHARMA DEUTSCHLAND GMBH; Patent-und Lizenzabteilung, Industriepark Höchst, Geb. K 801, 65926 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 231/20, A01N 43/56

(11) WO 2004/085405 (13) A1

(21) PCT/JP2004/001071

(22) 3 Feb/fév 2004 (03.02.2004)

(25) ja (26) ja

(30) 2003-082385 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PYRAZOLE COMPOUND

• COMPOSE DE PYRAZOLE

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIZUME, Masaya [JP/JP]; 2-11-7-508, Sonehigashino-cho, Toyonaka-shi, Osaka 561-0802 (JP). SAKAMOTO, Noriyasu [JP/JP]; 4-1-4, Kitasakurazuka, Toyonaka-shi, Osaka 560-0022 (JP). TAKYO, Hayato [JP/JP]; 8-7-20, Hon-machi, Toyonaka-shi, Osaka 560-0021 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 237/14, 237/22, 405/06, 401/12,
409/06, A61K 31/50, 31/501, A61P 31/18
- (11) WO 2004/085406 (13) A1
- (21) PCT/EP2004/002736
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 60/457,144 24 Mar/mar 2003 US
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BENZYL-PYRIDAZINONS AS RE-
VERSE TRANSCRIPTASE IN-
HIBITORS
• BENZYL-PYRIDAZINONES EN TANT
QU'INHIBITEURS DE TRANSCRIP-
TASE INVERSE
- (71) F.HOFFMANN-LA ROCHE AG
[CH/CH]; Grenzacherstrasse 124, CH-4070
Basel (CH).
(for all designated States except / pour tous
les États désignés sauf US)
- (72) DUNN, James, Patrick; 270 Portola Court,
Los Altos, CA 94022 (US). DYMOCK,
Brian, William; 15 Vesta Avenue, St.
Albans, Hertfordshire AL1 2PG (GB).
MIRZADEGAN, Taraneh; 989 Terrace
Drive, Los Altos, CA 94024 (US). SJO-
GREN, Eric, Brian; 442 Dell Avenue,
Mountain View, CA 94043 (US). SWAL-
LOW, Steven; 637 Palm Avenue, Los Altos,
CA 94022 (US). SWEENEY, Zachary,
Kevin; 143 King Street, Redwood City, CA
94062 (US).
- (74) SCHAGER, Frank; Grenzacherstrasse 124,
CH-4070 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07D 239/34, A01N 43/54
- (11) WO 2004/085407 (13) A1
- (21) PCT/JP2004/003961
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-087637 27 Mar/mar 2003 JP
(27.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PYRIMIDINE COMPOUND AND
ARTHROPOD CONTROL AGENT
CONTAINING THE SAME
• COMPOSE DE PYRIMIDINE ET
AGENT DE LUTTE CONTRE LES AR-
THROPODES CONTENANT CELUI-CI
- (71) SUMITOMO CHEMICAL COMPANY,
LIMITED [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TAKAOKA, Daisuke [JP/JP];
8-7-20-322, Hon-machi, Toyonaka-shi,
Osaka 560-0021 (JP). MIZUNO, Hajime
[JP/JP]; 2-10-3-312, Sonchigashino-cho,
Toyonaka-shi, Osaka 561-0802 (JP).
IHARA, Hideki [JP/JP]; 8-7-20-306,
Hon-machi, Toyonaka-shi, Osaka 560-0021
(JP).
- (74) ENOMOTO, Masayuki et al. / etc.; c/o
Sumitomo Chemical Intellectual Property
Service, Limited, 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07D 239/47, 401/14, 405/14, 409/14,
413/14, 417/14, 403/14, A61K 31/513,
31/5377, A61P 25/28
- (11) WO 2004/085408 (13) A1
- (21) PCT/JP2004/004320
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 2003-126021 26 Mar/mar 2003 JP
(26.03.2003)
- (30) 2003-126022 26 Mar/mar 2003 JP
(26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • 2, 3, 6-TRISUBSTITUTED-4-PYRIMI-
DINE DERIVATIVES
• DERIVES DE 2,3,6-TRISUBSTITUE
4-PYRIMIDONE
- (71) MITSUBISHI PHARMA CORPORA-
TION [JP/JP]; 6-9, Hiranomachi 2-chome,
Chuo-ku, Osaka-shi, Osaka, 5410046 (JP).
SANOFI-SYNTHELABO [FR/FR]; 174
AVENUE DE FRANCE PARIS, F-75013
(FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) WATANABE, Kazutoshi [JP/JP]; c/o
MITSUBISHI PHARMA CORPORATION,
TOKYO OFFICE, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo, 1038405
(JP). UEHARA, Fumiaki [JP/JP]; c/o MIT-
SUBISHI PHARMA CORPORATION,
TOKYO OFFICE, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo, 1038405
(JP). HIKI, Shinsuke [JP/JP]; c/o MIT-
SUBISHI PHARMA CORPORATION,
TOKYO OFFICE, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo, 1038405
(JP). YOKOSHIMA, Satoshi [JP/JP]; c/o
MITSUBISHI PHARMA CORPORATION,
TOKYO OFFICE, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo, 1038405
(JP). USUI, Yoshihiro [JP/JP]; c/o MIT-
SUBISHI PHARMA CORPORATION,
TOKYO OFFICE, 2-6, Nihonbashi-hon-
cho 2-chome, Chuo-ku, Tokyo, 1038405
(JP). OKUYAMA, Masahiro [JP/JP]; c/o
MITSUBISHI PHARMA CORPORATION,
TOKYO OFFICE, 2-6, Nihonbashi-honcho
2-chome, Chuo-ku, Tokyo, 1038405 (JP).
SHODA, Aya [JP/JP]; c/o MITSUBISHI
PHARMA CORPORATION, TOKYO OF-
FICE, 2-6, Nihonbashi-honcho 2-chome,
Chuo-ku, Tokyo, 1038405 (JP). ARITOMO,
Keiichi [JP/JP]; c/o MITSUBISHI PHARMA
CORPORATION, TOKYO OFFICE, 2-6,
Nihonbashi-honcho 2-chome, Chuo-ku,
Tokyo, 1038405 (JP). KOHARA, Toshiyuki
[JP/JP]; c/o MITSUBISHI PHARMA COR-
PORATION, TOKYO OFFICE, 2-6, Nihon-
bashi-honcho 2-chome, Chuo-ku, Tokyo,
1038405 (JP). FUKUNAGA, Kenji [JP/JP];
c/o MITSUBISHI PHARMA CORPO-
RATION, TOKYO OFFICE, 2-6, Nihon-
bashi-honcho 2-chome, Chuo-ku, Tokyo,
1038405 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku
Bldg., 8-7, Kyobashi 1-chome, Chuo-ku,
Tokyo, 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07D 241/00
- (11) WO 2004/085409 (13) A2
- (21) PCT/GB2004/001399
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 0307214.7 28 Mar/mar 2003 GB
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COMPOUND LIBRARIES
• BIBLIOTHEQUE DE COMPOSES
- (71) BIOFOCUS DISCOVERY LTD [GB/GB];
Chesterford Research Park, Saffron Walden,
Essex CB10 1XL (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HARRIS, John [GB/GB]; "Lydith"
High Street, Eynsford, Kent DA4 0AB (GB).
CHURCH, Nicola [GB/GB]; 54 School
Lane, Great Leighs, Chelmsford, Essex CM3
1GU (GB). PROUD, Andrew [GB/GB]; 2

- Church Cottages, School Lane, Stourmouth, Canterbury, Kent CT3 1JA (GB). **KLING, Marcel** [AU/AU]; P.O. Box 6492, St. Kilda Rd. Central, Melbourne, VIC 8008 (AU). **VICKERY, Benjamin, D.** [GB/GB]; Honeysuckle Cottage, Heycol Hill, Newington, Kent ME97LG (GB).
- (74) **LOCK, Graham, James** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 243/04
(11) WO 2004/085410 (13) A1
(21) PCT/KR2004/000652
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ko (26) en
(30) 10-2003-0019238 27 Mar/mar 2003 KR (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ADENOSINE DEAMINASE INHIBITOR AND NOVEL BACILLUS SP. IADA-7 STRAIN WHICH PRODUCES IT
• INHIBITEUR D'ADENOSINE DESAMINASE ET NOUVELLE SOUCHE <I>BACILLUS</I> SP. IADA-7 PRODUISANT LEDIT INHIBITEUR
- (71) **PHARMICELL INC.** [KR/KR]; 601 Millennium Plaza, 1267-5 Maetan 3-dong, Paldal-gu, Suwon-si, Kyunggi-do 443-373 (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEE, Gwang** [KR/KR]; 106-206 Jugong Apt., 948-4 Yeongtong-dong, Yeongtong-gu, Suwon-si, Kyunggi-do 442-739 (KR). **AHN, Young Hwan** [KR/KR]; 107-1604 Park-Town DaeLim Apt., Sunac-dong, Bundang-gu, Sung-Nam Si, Kyunggi-do 463-727 (KR). **PARK, Ki Ho** [KR/KR]; 104-802 Ssangyong Apt., Bugok 3-dong, Geumjeong-gu, Busan 609-323 (KR). **JUN, Hong Ki** [KR/KR]; 304-1101 Sunkyung 3 cha Apt., Gusoo-dong, Geumjeong-gu, Busan 609-310 (KR).
- (74) **PAIK, Nam-Hoon**; 16th Fl., Woori Bank Bldg., 826-20, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 249/12, 271/113, 285/13, A61K 31/4196, 31/4245, 31/433, A61P 31/18
(11) WO 2004/085411 (13) A1
(21) PCT/EP2004/002995
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 60/457,130 24 Mar/mar 2003 US (24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS I FOR TREATING HIV MEDIATED DISEASES
• INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE DU VIH 1 DESTINES AU TRAITEMENT DE MALADIES INDUITES PAR LE VIH
- (71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) **DUNN, James, Patrick**; 270 Portola Court, Los Altos, CA 94022 (US). **SWALLOW, Steven**; 637 Palm Avenue, Los Altos, CA 94022 (US). **SWEENEY, Zachary, Kevin**; 143 King Street, Redwood City, CA 94062 (US).
- (74) **RAUBER, Beat**; Grenzacherstrasse 124, CH-4070 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ C07D 251/24, A61K 7/42
(11) WO 2004/085412 (13) A2
(21) PCT/EP2004/050331
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 03100758.6 24 Mar/mar 2003 EP (24.03.2003)
(30) 03102325.2 29 Jul/juil 2003 EP (29.07.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • SYMMETRICAL TRIAZINE DERIVATIVES
- DERIVES DE TRIAZINE SYMMÉTRIQUES
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EHLIS, Thomas** [DE/DE]; Harriet-Straub-Strasse 23, 79100 Freiburg (DE). **MÜLLER, Stefan** [DE/DE]; Barrystrasse 1, 79618 Rheinfelden (DE). **HAYOZ, Pascal** [CH/CH]; Ettingerstrasse 55, CH-4114 Hofstetten (CH).
- (74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 251/60, B01J 3/04, 10/00
(11) WO 2004/085413 (13) A1
(21) PCT/CN2003/000209
(22) 24 Mar/mar 2003 (24.03.2003)
(25) zh (26) zh
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD AND PROCEDURE FOR PRODUCING MELAMINE BY HIGH-PRESSURE PROCESS
• PROCEDE DE PRODUCTION DE MELAMINE PAR PROCESSUS HAUTE PRESSION
- (71, 72) **ZHANG, Guorui** [CN/CN]; Room 301, Building 61, N° 625 Minan Road, Jiangdong District, Ningbo, Zhejiang 315040 (CN).
- (74) **WATSON & BAND OFFICES**; Win United Press Tower, 26th Floor, 755 Weihai Road, 200041 Shanghai (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW 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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL 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 C07D 263/22

(11) WO 2004/085414 (13) A1

(21) PCT/IB2004/000840

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/457,793 26 Mar/mar 2003 US
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS TO PRODUCE ENAN-
TIOMERICALLY ENRICHED
1-ARYL- AND 1-HETEROARYL-2-
AMINOETHANOLS

• PROCEDE DE PREPARATION
D'1-ARYL- ET D'1-HETEROA-
RYL-2-AMINOETHANOLS ENRICHIS
EN ENANTIOMERES

(71) PHARMACIA & UPJOHN COMPANY
[US/US]; 301 Henrietta Street, Kalamazoo,
MI 49001 (US).

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les États désignés sauf US)

(72, 75) NIEMAN, James, Andrew [CA/US];
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Company, 10777 Science Center Drive, San
Diego, CA 92121 (US). TANIS, Steven,
Paul [US/US]; Agouron Pharmaceuticals
Inc., A Pfizer Company, 10777 Science Cen-
ter Drive, San Diego, CA 92121 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., c/o
Lawrence, Jackie, Eastern Point Road, Mail-
stop 8260-1615, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 301/12

(11) WO 2004/085415 (13) A1

(21) PCT/GB2004/001277

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0306931.7 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR THE PRODUCTION
OF ASYMMETRIC EPOXIDES UNDER
NON-AQUEOUS CONDITIONS AND
CATALYTIC COMPOSITION FOR USE
THEREIN

• PROCEDE DE PRODUCTION
D'EPOXYDES ASYMETRIQUES DANS
DES CONDITIONS NON AQUEUSES
ET COMPOSITION CATALYTIQUE
UTILISEE A CET EFFET

(71) STYLACATS LIMITED [GB/GB];
Cheshire Manufacturing Park, Oil Sites
Road, Ellesmere Port, Cheshire CH65 4HF
(GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROBERTS, Stanley, Michael [GB/GB];
Knowles Cottage, The Parade, Park-
gate, Cheshire CH64 6RN (GB). PITTS,
Michael, Robert [GB/GB]; 11 Abbey Fold,
Burscough, Ormskirk, Lancashire L40 7UX
(GB).

(74) W. P. THOMPSON & CO.; Coopers Build-
ing, Church Street, Liverpool L1 3AB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 307/87

(11) WO 2004/085416 (13) A1

(21) PCT/IN2003/000066

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF (S)-
CITALOPRAM OXALATE

• FORMES CRISTALLINES D'OXALATE
DE (S)-CITALOPRAME

(71) HETERO DRUGS LIMITED [IN/IN];
Hetero House, 8-3-166/7/1, Erragadda, Hy-
derabad 500 018, Andhrapradesh (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PARTHASARADHI, Reddy, Bandi
[IN/IN]; Hetero House, 8-3-166/7/1, Erra-
gadda, Hyderabad 500 018, Andhrapradesh
(IN). RATHNAKAR, Reddy, Kura [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhrapradesh (IN). RAJI, Reddy,
Rapolu [IN/IN]; Hetero Drugs Limited (R &
D), Plot No. B-80 & 81, A.P.I.E., Balanagar,
Hyderabad 500 018, Andhrapradesh (IN).
MURALIDHARA, Reddy, Dasari [IN/IN];
Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhrapradesh (IN). SUBASH
CHANDER, Reddy, Kesireddy [IN/IN];

Hetero Drugs Limited (R & D), Plot No.
B-80 & 81, A.P.I.E., Balanagar, Hyderabad
500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero
Drugs Limited (R & D), Plot No. B-80 &
81, A.P.I.E., Balanagar, Hyderabad 500 018,
Andhrapradesh (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(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 C07D 307/87, A61K 7/46

(11) WO 2004/085417 (13) A1

(21) PCT/IN2003/000083

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL SESQUITERPENE OXIDES
AS PERFUMING AND FLAVOURING
AGENTS

• NOUVEAUX OXYDES DE SESQUI-
TERPENE COMME AGENTS PARFU-
MANTS ET AROMATISANTS

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, 110 001 New Delhi (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WAHIDULLAH, Solimabi [IN/IN];
National Institute of Oceanography, Dona
Paula, 403 004 Goa (IN). GOVENKAR,
Mangala, Babu [IN/IN]; National Institute
of Oceanography, Dona Paula, 403 004 Goa
(IN). PAKNIKAR, Shashikumar, Keshav
[IN/IN]; Goa University, 403 004 Goa (IN).

(74) SRINIVASAN, Thiagarajan; KUMARAN
& SAGAR, 84-C, C6 LANE, OFF CEN-
TRAL 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 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 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 2004/085418 (13) A2

(21) PCT/US2004/008459

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,999 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MATERIALS AND METHODS TO PO-
TENTIATE CANCER TREATMENT
• MATERIAUX ET PROCÉDES DE PO-
TENTIALISATION D'UN TRAITE-
MENT ANTICANCÉREUX

(71) ICOS CORPORATION [US/US]; 22021
20th Avenue S.E., Bothell, WA 98021 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HALBROOK, James, W. [US/US];
16726 NE 137th Street, Woodinville,
WA 98072 (US). KESICKI, Edward, A.
[US/US]; 2504 208th Place SE, Bothell, WA
98021 (US). BURGESS, Laurence, Edward
[US/US]; 5562 High Country Court, Boulder,
CO 80301 (US). SCHLACHTER, Stephen,
T. [US/US]; 3151 11th Street, Boulder,
CO 80304 (US). EARY, Charles, T. [US/US];
3709 Florentine Circle, Longmont, CO 80503
(US). SCHIRO, Justin, G. [US/US]; P.O.
Box 512, Firestone, CO 80520-0512 (US).

(74) NAPOLI, James, J.; Marshall, Gerstein &
Borun LLP, 233 S. Wacker Drive, Suite 6300,
Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07D 333/12

(11) WO 2004/085419 (13) A1

(21) PCT/EP2004/002933

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 126.4 24 Mar/mar 2003 DE
(24.03.2003)

(30) 103 54 549.2 21 Nov/nov 2003 DE
(21.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRIFLUOROMETHYL-THIOPHENE
CARBOXYLIC ACID ANILIDES AND
USE THEREOF AS FUNGICIDES

• ANILIDE D'ACIDE CARBOXYLIQUE
TRIFLUOROMETHYLTHIOPHENE ET
SON UTILISATION EN TANT QUE
FONGICIDE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GEWEHR, Markus [DE/DE]; Goethes-
trasse 21, 56288 Kastellaun (DE). MÜLLER,
Bernd [DE/DE]; Stockingerstr. 7, 67227
Frankenthal (DE). GROTE, Thomas
[DE/DE]; Im Höhnhausen 18, 67157
Wachenheim (DE). GRAMMENOS,
Wassilios [GR/DE]; Alexander-Flem-
ing-Strasse 13, 67071 Ludwigshafen (DE).
GYPSER, Andreas [DE/DE]; B 4, 4, 68159
Mannheim (DE). TORMO I BLASCO,
Jordi [ES/DE]; Carl-Benz-Str. 10-3,
69514 Laudenbach (DE). SCHWÖGLER,
Anja [DE/DE]; Heinrich-Lanz-Strasse 3,
68165 Mannheim (DE). RHEINHEIMER,
Jochim [DE/DE]; Merziger Strasse 24,
67063 Ludwigshafen (DE). BLETTNER,
Carsten [DE/DE]; Richard-Wagner-Strasse
48, 68165 Mannheim (DE). SCHIEWECK,
Frank [DE/DE]; Lindenweg 4, 67258 Hes-
sheim (DE). RACK, Michael [DE/DE];
Sandwingert 67, 69123 Heidelberg (DE).
SCHÖFL, Ulrich [DE/DE]; Luftschiffing
22c, 68782 Brühl (DE). STRATHMANN,
Siegfried [DE/DE]; Donnersbergstrasse
9, 67117 Limburgerhof (DE). STIERL,
Reinhard [DE/DE]; Jahnstrasse 8, 67251
Freinsheim (DE). RETHER, Jan [DE/DE];
St.-Marien-Platz 23, 67655 Kaiserslautern
(DE).

(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07D 333/34, 409/12, 333/38, A61K
31/381, A61P 9/00

(11) WO 2004/085420 (13) A1

(21) PCT/GB2003/001251

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BICYCLIC COMPOUNDS USEFUL AS
ANGIOTENSIN II AGONISTS

• COMPOSES BICYCLIQUES
UTILISES EN TANT QU'AGONISTES
D'ANGIOTENSINE II

(71) VICORE PHARMA AB [SE/SE]; Uppsala
Science Park, S-751 83 Uppsala (SE).

(for all designated States except / pour tous
les États désignés sauf US UZ)

(71) McNEENEY, Stephen, Phillip [GB/GB];
Park View House, 58 The Ropewalk, Not-
tingham NG1 5DD (GB).

(only for / seulement pour UZ)

(72, 75) HALLBERG, Anders [SE/SE]; Depart-
ment of medicinal Chemistry, Biomedical
Centre, Uppsala University, P.O. Box 574,
S-751-23 Uppsala (SE). ALTERMAN,
Mathias [SE/SE]; Department of medi-
cinal Chemistry, Biomedical Centre, Uppsala
University, P.O. Box 574, S-751-23 Uppsala
(SE).

(74) McNEENEY, Stephen, P.; Eric Potter Clark-
son, Park View House, 58 The Ropewalk,
Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C07D 333/36, 417/04, 233/54, A61K
31/445

(11) WO 2004/085421 (13) A2

(21) PCT/GB2004/001330

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0306907.7 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BIOREDUCTIVELY-ACTIVATED PRO-
DRUGS

• PRODRUGUES ACTIVÉES PAR BIO-
RÉDUCTION

(71) ANGIOGENE PHARMACEUTICALS
LIMITED [GB/GB]; The Magdalen Cen-
tre, The Oxford Science Park, Oxfordshire
OX4 4GA (GB). GRAY LABORATORY
CANCER RESEARCH TRUST [GB/GB];

PO Box 100, Mount Vernon Hospital, Northwood, Middlesex HA6 2JR (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) DAVIS, Peter, David [GB/GB]; Angiogene Pharmaceuticals Limited, The Magdalen Centre, Oxford Science Park, Oxfordshire OX4 4GA (GB). NAYLOR, Matthew, Alexander [GB/GB]; The Gray Cancer Institute, PO Box 100, Mount Vernon Hospital, Northwood, Middlesex HA6 2JR (GB). THOMSON, Peter [GB/GB]; The Gray Cancer Institute, PO Box 100, Mount Vernon Hospital, Northwood, Middlesex HA6 2JR (GB). EVERETT, Steven, Albert [GB/GB]; The Gray Cancer Institute, PO Box 100, Mount Vernon Hospital, Northwood, Middlesex HA6 2JR (GB). STRATFORD, Michael, Richard, Lacey [GB/GB]; The Gray Cancer Institute, PO Box 100, Mount Vernon Hospital, Northwood, Middlesex HA6 2JR (GB). WARDMAN, Peter [GB/GB]; The Gray Cancer Institute, P.O. Box 100, Mount Vernon Hospital, Northwood, Middlesex HA6 2JR (GB).

- (74) SRINIVASAN, Ravi, Chandran; J.A. Kemp & CO, 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085422 (13) A1

(21) PCT/CN2004/000167

(22) 4 Mar/mar 2004 (04.03.2004)

(25) zh (26) zh

(30) 03120994.7 27 Mar/mar 2003 CN (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • WATER-SOLUBLE THALIDOMINE DERIVATIVES
• DERIVES DE THALIDOMIDE HYDRO-SOLUBLE

- (71) TIAN JIN HEMAY BIO-TECH CO. LTD [CN/CN]; Xiao Yuan Xin Cun 31-101 Teda, Tianjin 300457 (CN).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ZHANG, Hesheng [CN/CN]; Xiao Yuan Xin Cun 31-101 Teda, Tianjin, 300457 (CN).

- (74) TIANJIN CAIZHI PATENT & TRADE-MARK AGENCY, LTD; No. 2-1302 of Building A of Yunlangxinju, No. 149 of Weijin Road, Tianjin City 300070 (CN).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C07D 401/06, 401/14, A61K 31/4545, A61P 11/00, 17/00, 19/00, 29/00, 37/00

(11) WO 2004/085423 (13) A1

(21) PCT/SE2004/000450

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0300850-5 25 Mar/mar 2003 SE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PIPERIDINE DERIVATIVES FOR THE TREATMENT OF CHEMOKINE OR H1 MEDIATED DISEASE STATE
• DERIVES DE PIPERIDINE POUR LE TRAITEMENT D'ETAT PATHOLOGIQUE PROVOQUE PAR LA CHIMIO-KINE OU H1

- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LUCKHURST, Christopher [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). PERRY, Matthew [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). SPRINGTHORPE, Brian [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

- (74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/4439, A61P 1/04

(11) WO 2004/085424 (13) A1

(21) PCT/JP2004/003525

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-081261 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PROCESS FOR PRODUCTION OF SULFOXIDE DERIVATIVES OR SALTS THEREOF IN THE AMORPHOUS STATE

- PROCEDE D'OBTENTION DE DERIVES SULFOXYDES OU DE SELS DE CES DERIVES A L'ETAT AMORPHE

- (71) EISAI CO., LTD. [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 1128088 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) TSUJII, Masahiko [JP/JP]; 1596-5, Omigawa, Omigawa-machi, Katori-gun, Chiba 2890313 (JP). MORITA, Yukio [JP/JP]; 851-201, Shichihongi, Kamisato-machi, Kodama-gun, Saitama 3690306 (JP).

- (74) INAMI, Minoru; NARUSE, INABA & INAMI, Hanabishi Imas Hirakawacho Building 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 1020093 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 401/12, 401/14, 403/12, 403/14, 471/04, 487/04, 413/12, 413/14, 417/12, 417/14, A61K 31/4184, A61P 35/00

(11) WO 2004/085425 (13) A1

(21) PCT/US2004/008809

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,691 21 Mar/mar 2003 US (21.03.2003)

(30) 10/804,915 19 Mar/mar 2004 US (19.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FUSED AZOLES SUCH AS 2,5-DISUBSTITUTED BENZIMIDAZOLES, BENZOXAZOLES AND BENZOTHIAZOLES AS KINASE INHIBITORS

- AZOLES FUSIONNES TELS QUE BENZIMIDAZOLES, BENZOXAZOLES ET BENZOTHIAZLES 2,5-DISUBSTITUES COMME INHIBITEURS DE KINASE

(71) **AMGEN INC** [US/US]; M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(72) **DIPIETRO, Lucian V.**; 37 Centennial Avenue, Gloucester, MA 01930 (US). **HARMANGE, Jean-Christophe**; 57 William Street, Andover, MA 01810 (US). **ASKEW, JR., Benny C.**; 515 Havenside Avenue, Newbury Park, CA 91320 (US). **ELBAUM, Daniel**; 25 Sherrin Road, Newton, MA 02462 (US). **GERMAIN, Julie**; 47 Bower Street, Medford, MA 02155 (US). **HABGOOD, Gregory J.**; 21 Carriage Court, Merrimac, MA 01860 (US). **KIM, Joseph L.**; 20 Green Way, Wayland, MA 01778 (US). **PATEL, Vinod F.**; 3 Mossy Lane, Acton, MA 01720 (US). **POTASHMAN, Michele**; Apt. GR-R, 217 Harvard Street, Cambridge, MA 02139 (US). **VAN DER PLAS, Simon**; 49 Bower Street, Medford, MA 02155 (US).

(74) **BULOCK, Joseph W.**; AMGEN INC., M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 403/10, 235/26, 257/04, A61K 31/4166

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(21) PCT/IN2003/000090

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF CANDESARTAN CILEXETIL

- NOUVELLES FORMES CRISTALLINES DE CANDESARTAN CILEXETIL

(71) **HETERO DRUGS LIMITED** [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARTHASARADHI, Reddy, Bandi** [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). **RATHNAKAR, Reddy, Kura** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **RAJI, Reddy, Rapolu** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **MURALIDHARA, Reddy, Dasari** [IN/IN];

Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). **SUBASH CHANDER, Reddy, Kesireddy** [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) **RATHNAKAR, Reddy, Kura**; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(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 405/12, 309/32

(11) WO 2004/085427 (13) A1

(21) PCT/EP2004/002894

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 13 118.3 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENANTIOSELECTIVE HYDROGENATION OF INTERMEDIATES DURING TIPRANAVIR SYNTHESIS

- HYDROGENATION ENANTIOSELECTIVE DE PRODUITS INTERMEDIAIRES LORS DE LA SYNTHÈSE DE TIPRANAVIR

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Strasse 173, 55216 Ingelheim/Rhein (DE).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG** [DE/DE]; Binger Strasse 173, 55216 Ingelheim/Rhein (DE).

(only for / seulement pour DE)

(72, 75) **KLINGLER, Franz, Dietrich** [DE/DE]; Weichgasse 7, 64347 Griesheim (DE). **STEIGERWALD, Michael** [DE/DE]; Goldbergweg 37, 60599 Frankfurt (DE). **EHLENZ, Richard** [DE/DE]; Rieslingweg 6, 55545 Bad Kreuznach (DE).

(74) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH**; Binger Strasse 173, 55216 Ingelheim/Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 405/14, 233/90, 405/10 // (C07D 405/14, 257/04, 233/90, 317/34) (C07D 405/10, 257/04, 233/90)

(11) WO 2004/085428 (13) A1

(21) PCT/CN2004/000200

(22) 12 Mar/mar 2004 (12.03.2004)

(25) zh (26) zh

(30) 03115983.4 25 Mar/mar 2003 CN (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A NEW PROCESS FOR PREPARING OLMESARTAN MEDOXOMIL

- NOUVEAU PROCEDE DE PREPARATION D'OLMESARTAN MEDOXOMIL

(71) **SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY** [CN/CN]; No.1320 West Beijing Road, Shanghai 200040 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Fuli** [CN/CN]; No. 1320 West Beijing Road, Shanghai 200040 (CN). **WU, Taizhi** [CN/CN]; No. 1320 West Beijing Road, Shanghai 200040 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 407/04, A61K 7/00, 7/48, 35/78, 31/357, A61P 17/00, A23L 1/30

(11) WO 2004/085429 (13) A1

(21) PCT/JP2004/003978

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083943 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITION FOR PROMOTING PRODUCTION OF TYPE I COLLAGEN AND/OR ELASTIN

• COMPOSITION FAVORISANT LA PRODUCTION DE COLLAGÈNE DE TYPE I ET/OU D'ELASTINE

(71) FANCL CORPORATION [JP/JP]; 109-1, Iijima-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0842 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYATA, Satoshi [JP/JP]; c/o Fancel R & D Center, Fancel Corporation, 12-13, Kamishinano, Totsuka-ku, Yokohama-shi, Kanagawa 244-0806 (JP). HANDA, Yoko [JP/JP]; c/o Fancel R & D Center, Fancel Corporation, 12-13, Kamishinano, Totsuka-ku, Yokohama-shi, Kanagawa 244-0806 (JP). SAKURAI, Tetsuhito [JP/JP]; c/o Fancel R & D Center, Fancel Corporation, 12-13, Kamishinano, Totsuka-ku, Yokohama-shi, Kanagawa 244-0806 (JP).

(74) KODAMA, Yoshihiro et al. / etc.; Enju-Ochanomizu Bldg. 3F, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 409/06, 211/74, 401/06, A61K 31/4412, A61P 27/06, C07D 265/10, 279/06, 413/06, 417/06, 403/06, 409/14, 413/14, 417/14, 405/06

(11) WO 2004/085430 (13) A1

(21) PCT/CA2004/000470

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,700 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROSTAGLANDIN ANALOGS AS EP4 RECEPTOR AGONISTS

• ANALOGUES DE PROSTAGLANDINE SERVANT D'AGONISTES DE RECEPTEUR EP4

(71) MERCK FROSST CANADA & CO. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BILLOT, Xavier [FR/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). COLUCCI, John [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). HAN, Yongxin [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). WILSON, Marie-Claire [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). YOUNG, Robert, N. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 409/06, 211/74, 401/06, A61K 31/4412, A61P 27/06

(11) WO 2004/085431 (13) A1

(21) PCT/CA2004/000471

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,700 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROSTAGLANDIN ANALOGS AS EP4 RECEPTOR ANTAGONISTS

• ANALOGUES DE PROSTAGLANDINE EN TANT QU'ANALOGUES ANTAGONISTES DE RECEPTEUR EP4

(71) MERCK FROSST CANADA & CO. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BILLOT, Xavier [FR/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). COLUCCI, John [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). HAN, Yongxin [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). WILSON, Marie-Claire [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). YOUNG, Robert, N. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 411/04

(11) WO 2004/085432 (13) A1

(21) PCT/IB2004/000924

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) MI2003A000578 24 Mar/mar 2003 IT (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS AND INTERMEDIATES FOR PREPARING EMTRICITABINE

• PROCÉDE ET INTERMÉDIAIRES POUR PRÉPARER DE L'EMTRICITABINE

(71) CLARIANT LIFE SCIENCE MOLECULES (ITALIA) SPA [IT/IT]; Via Vittor Pisani 16, I-20124 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTOLINI, Giorgio [IT/IT]; Via Angelo Villa, 1, I-20099 Sesto San Giovanni (IT). DELEO, Maurizio [IT/IT]; Via Cividale del Friuli 11, I-20152 Milano (IT). FRIGERIO, Marco [IT/IT]; Via Teobaldo Ciconi, 8, I-20147 Milano (IT). LOSA, Massimo [IT/IT]; Via Guiseppe Garibaldi 96, I-20010 Pogliano Milanese (IT). VELATI, Maurizio [IT/IT]; Via Marconi 83, I-27030 Mezzana Rabattone (IT).

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 413/00

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(21) PCT/IB2004/000838

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/458,766 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POSITIVE ALLOSTERIC MODULATORS OF THE NICOTINIC ACETYLCHOLINE RECEPTOR

• MODULATEURS ALLOSTERIQUES POSITIFS DU RECEPTEUR NICOTINIQUE DE L'ACETYLCHOLINE

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta, Kalamazoo, MI 49001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROGERS, Bruce, Nelsen [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). PIOTROWSKI, David, Walter [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). MARGOLIS, Brandon, Jerome [US/US]; Eli Lilly and Company, Lilly Corporate Center, DC 1513, Indianapolis, IN 46285 (US). MYERS, Jason, Kenneth [US/US]; 8021 Springwater Circle, Indianapolis, IN 46256 (US). GROPP, Vincent, Edward, Jr. [US/US]; Pfizer Global Research and Development, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). RUDMANN, Daniel, Gregory [US/US]; 10520 Chestnut Hill Circle, Fishers, IN 46038 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 413/12, 413/14, A61K 31/422, A61P 35/00

(11) WO 2004/085434 (13) A1

(21) PCT/EP2004/003205

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03007124.5 28 Mar/mar 2003 EP (28.03.2003)

(30) 60/459,741 2 Apr/avr 2003 US (02.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL OXAZOLE DERIVATIVES, THEIR MANUFACTURE AND USE AS PHARMACEUTICAL AGENTS

• NOUVEAUX DERIVES D'OXAZOLE, LEUR FABRICATION ET LEUR UTILISATION EN TANT QU'AGENTS PHARMACEUTIQUES

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSSENMAIER, Birgit [DE/DE]; Horst-Wolfram-Geissler-Weg 10, 82229 Seefeld (DE). FRIEBE, Walter-Gunar [DE/DE]; Sophienstrasse 8, 68165 Mannheim (DE). FRIESS, Thomas [DE/DE]; Liesl-Karlstadt-Strasse 21, D-82152 Planegg (DE). GOLLER, Bernhard [DE/DE]; Rosenstrasse 12, 82377 Penzberg (DE). RUETH, Matthias [DE/DE]; Falkenstrasse 78, 82377 Penzberg (DE). VOSS, Edgar [DE/DE]; Siedlungsstrasse 7, 83673 Bichl (DE).

(74) SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 417/12

(11) WO 2004/085435 (13) A1

(21) PCT/GB2004/001306

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307259.2 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PREPARING A POLYMORPH OF ROSIGLITAZONE MALEATE

• PROCEDE DE PREPARATION D'UN POLYMORPHE DE MALEATE DE ROSIGLITAZONE

(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) CRAIG, Andrew, Simon [GB/GB]; GlaxoSmithKline, Old Powder Mills, Near Leigh, Tonbridge, Kent TN11 9AN (GB). GILES, Robert, Gordon [GB/GB]; GlaxoSmithKline, Old Powder Mills, Near Leigh, Tonbridge, Kent TN11 9AN (GB). HO, Tim, Chien, Ting [GB/GB]; GlaxoSmithKline, Old Powder Mills, Near Leigh, Tonbridge, Kent TN11 9AN (GB). SASSE, Michael, John [GB/GB]; GlaxoSmithKline, Old Powder Mills, Near Leigh, Tonbridge, Kent TN11 9AN (GB).

(74) THOMPSON, Clive, Beresford; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/495, A61P 35/00 // (C07D 471/04, 239:00, 221:00)

(11) WO 2004/085436 (13) A2

(21) PCT/EP2004/003204

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03007182.3 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PYRIDO[2,3-d]PYRIMIDIN-7-CARBOXYLIC ACID DERIVATIVES, THEIR MANUFACTURE AND USE AS PHARMACEUTICAL AGENTS

• DERIVES D'ACIDE PYRIDO[2,3-D]PYRIMIDINE-7-CARBOXYLIQUE, LEUR FABRICATION ET LEUR UTILISATION EN TANT QU'AGENTS PHARMACEUTIQUES

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72, 75) HONOLD, Konrad [DE/DE]; Suedstrasse 24, 82377 Penzberg (DE). SCHAEFER, Wolfgang [DE/DE]; Tannhaeuserring 190, 68199 Mannheim (DE). SCHEIBLICH, Stefan [DE/DE]; Heimgartenstrasse 8a, 82377 Penzberg (DE).

(74) SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 471/14, A61K 31/55, A61P 31/18 // (C07D 471/14, 243:00, 221:00, 221:00)

(11) WO 2004/085437 (13) A1

(21) PCT/CA2003/001409

(22) 15 Sep/sep 2003 (15.09.2003)

(25) en (26) en

(30) 60/411,785 19 Sep/sep 2002 US (19.09.2002)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS

- INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE

(71) **BOEHRINGER INGELHEIM (CANADA) LTD.** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOAKIM, Christiane** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).
MALENFANT, Eric [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).
THAVONEKHAM, Bounkham [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).
OGILVIE, William, W. [CA/CA]; 1999 Woodglen Crescent, Ottawa, Ontario K1J 6G7 (CA).
DEZIEL, Robert [CA/CA]; 546 Chester, Mont-Royal, Québec H3R 1W9 (CA).

(74) **BERNIER, Louise, G.**; Boehringer Ingelheim (Canada) Ltd., 2100 Cunard Street, Laval, Québec H7S 2G5 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/085438** (13) A2

(21) PCT/EP2004/050339

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) MI2003A000573 **24 Mar/mar 2003 (24.03.2003)** IT

(43) 7 Oct/oct 2004 (07.10.2004)

- COMPOUNDS WITH NOOTROPIC ACTION, THEIR PREPARATION, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM, AND USE THEREOF
- COMPOSES PRESENTANT UNE ACTION NOOTROPIQUE, LEUR PREPARATION, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT, ET LEUR UTILISATION

(71) **NIKEM RESEARCH S.R.L.** [IT/IT]; Via Zambelletti 25, I-20021 BARANZATE DI BOLLATE (IT).
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(72, 75) **FARINA, Carlo** [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambelletti 25, I-20021 BARANZATE DI BOLLATE (IT).
GAGLIARDI, Stefania [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambelletti 25, I-20021 BARANZATE DI BOLLATE (IT).
PARINI, Carlo [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambelletti 25, I-20021 BARANZATE DI BOLLATE (IT).
MARTINELLI, Marisa [IT/IT]; c/o NIKEM RESEARCH S.R.L., Via Zambelletti 25,

I-20021 BARANZATE DI BOLLATE (IT).
GHELARDINI, Carla [IT/IT]; c/o Dipartimento di Farmacologia Preclinica e Clinica "M. Aiazzi Mancini" Università di Firenze, Viale G. Pieraccini 6, I-50139 FIRENZE (IT).

(74) **GERVASI, Gemma**; NOTARBARTOLO & GERVASI S.p.A., Corso di Porta Vittoria 9, I-20122 MILAN (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **C07D 487/04, A61K 31/519, A61P 25/28**
// **(C07D 487/04, 249:00, 241:00)**

(11) **WO 2004/085439** (13) A1

(21) PCT/IB2004/000835

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) en (26) en

(30) 60/458,500 **27 Mar/mar 2003 (27.03.2003)** US

(43) 7 Oct/oct 2004 (07.10.2004)

- SUBSTITUTED 4-AMINO[1,2,4]TRIAZOLO[4,3-A]QUINOXALINES
- 4-AMINO[1,2,4]TRIAZOLO[4,3-A]QUINOXALINES SUBSTITUTES

(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) **BENBOW, John, William** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
CHU-MOYER, Margaret, Yuhua [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
KUNG, Daniel, Wei-Shung [US/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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 491/04, A61K 31/551, A61P 9/10**

(11) **WO 2004/085440** (13) A1

(21) PCT/EP2004/002580

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) de (26) de

(30) 103 12 969.3 **24 Mar/mar 2003 (24.03.2003)** DE

(43) 7 Oct/oct 2004 (07.10.2004)

- BENZOFURO-1,4-DIAZEPIN-2-ONE DERIVATIVES
- DERIVES DE BENZOFURO-1,4-DIAZEPIN-2-ONE

(71) **BAYER HEALTHCARE AG** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHER, Rüdiger** [DE/DE]; Zu den Fussfällern 23, 50259 Pulheim (DE).
KALTHOF, Bernd [DE/DE]; Claudiusweg 9, 42115 Wuppertal (DE).
GRÜTZMANN, Rudi [DE/DE]; Helsenkistr. 20, 42657 Solingen (DE).
WOLTERING, Elisabeth [DE/DE]; Eichenstr. 116, 40721 Hilden (DE).
STELTE-LUDWIG, Beatrix [DE/DE]; Görtzheide 10F, 42489 Wülfrath (DE).
WUTTKE, Martina [DE/DE]; Kiebitzweg 12, 42111 Wuppertal (DE).

(74) **BAYER HEALTHCARE AG**; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 498/22, 498/16, A61K 31/555, A61P 35/00**

(11) **WO 2004/085441** (13) A1

(21) PCT/EP2003/003045

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

- NEW CALIX ARENE COMPOUNDS, THEIR PROCESS OF PREPARATION AND THEIR USE, PARTICULARLY AS ENZYMATIC MIMES

- NOUVEAUX COMPOSES DE CALIX ARENES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION, NOTAMMENT EN TANT QUE MIMES ENZYMATIQUES

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, Rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
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- (72, 75) REINAUD, Olivia [FR/FR]; 42, rue Saint-Bernard, F-75011 Paris (FR). JABIN, Ivan [FR/FR]; 13, rue Rollon, F-76600 Le Havre (FR). DARBOST, Ulrich [FR/FR]; 201, rue R. Rolland, F-76620 Le Havre (FR). XU-LI, Yun [CN/FR]; 38, rue Dareau, F-75014 Paris (FR). REDON, Sophie [FR/CH]; Avenue de la Dole, 18, CH-1005 Lausanne (CH).
- (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 501/22
- (11) WO 2004/085443 (13) A1
- (21) PCT/JP2004/003622
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) ja (26) ja
- (30) 2003-081273 24 Mar/mar 2003 JP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOVEL CRYSTAL OF 7-[2-(2-AMINOTHIAZOLE-4-YL)-2-HYDROXYIMINOACETAMIDO-3-VINYLS-3-CEPHEM-4-CARBOXYLIC ACID (SYN ISOMER) AND METHOD FOR PREPARATION THEREOF
- NOUVEAU CRISTAL DE 7-[2-(2-AMINOTHIAZOLE-4-YL)-2-HYDROXYIMINOACETAMIDO-3-VINYLS-3-CEPHEM-4-ACIDE CARBOXYLIQUE (ISOMERE SYNTHETIQUE) ET PROCEDE DE PREPARATION DE CELUI-CI
- (71) SHIONO CHEMICAL CO. LTD. [JP/JP]; 10-8, Yaesu 2-chome, Chuo-ku, Tokyo, 1040028 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IMAI, Eiji [JP/JP]; 855-1, Fujioka, Fujioka-shi, Gunma, 3750024 (JP). NIWA, Hiroyuki [JP/JP]; 1494-2, Fujioka, Fujioka-shi, Gunma, 3750024 (JP).
- (74) ONO, Nobuo et al. / etc.; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo, 1010024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 498/22
- (11) WO 2004/085442 (13) A2
- (21) PCT/EP2004/003140
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) PCT/EP03/03045 24 Mar/mar 2003 EP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NEW CALIX ARENE COMPOUNDS, THEIR PROCESS OF PREPARATION AND THEIR USE, PARTICULARLY AS ENZYMIC MIMES
- NOUVEAUX COMPOSES CALIX ARENES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION, EN PARTICULIER COMME MIMES DE SITES ENZYMATIQUES
- (63) US PCT/EP03/03045 (CIP) 24 Mar/mar 2003 (24.03.2003)
- (71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). UNIVERSITE RENE DESCARTES-PARIS V [FR/FR]; 12, rue de l'Ecole de Médecine, F-75270 Paris 06 (FR). UNIVERSITE DU HAVRE [FR/FR]; 25, rue Philippe Lebon, Boîte postale 1123, F-76063 Le Havre Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REINAUD, Olivia [FR/FR]; 42, rue Saint-Bernard, F-75011 Paris (FR). JABIN, Ivan [FR/FR]; 13, rue Rollon, F-76600 Le Havre (FR). DARBOST, Ulrich [FR/FR]; 201, rue R. Rolland, F-76620 Le Havre (FR). XU-LI, Yun [CN/FR]; 38, rue Dareau, F-75014 Paris (FR). REDON, Sophie [FR/CH]; Avenue de la Dole, 18, CH-1005 Lausanne (CH).
- (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 501/56, A61K 31/545, 31/04
- (11) WO 2004/085444 (13) A1
- (21) PCT/EP2004/002667
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) en (26) en
- (30) 03006815.9 27 Mar/mar 2003 EP (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CEPHALOSPORIN IN CRYSTALLINE FORM
- CEPHALOSPORINE SOUS FORME CRISTALLINE
- (71) BASILEA PHARMACEUTICA AG [CH/CH]; Grenzacherstrasse 487, CH-4005 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGHAUSEN, Joerg [DE/DE]; Bodenseestrasse 23, 79576 Weil am Rhein (DE).
- (74) STOPPKOTTE, Cornelia et al. / etc.; A. Braun Braun Héritier Eschmann AG, Holbeinstrasse 36-38, CH-Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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
- (11) WO 2004/085445 (13) A2
- (21) PCT/US2004/007378
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) en (26) en
- (30) 10/393,817 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METAL LOADED MICROPOROUS MATERIAL FOR HYDROCARBON ISOMERIZATION PROCESSES
- MATERIAU MICROPOREUX A CHARGE METALLIQUE POUR PROCESSUS D'ISOMERISATION D'HYDROCARBURES
- (71) CHEVRON U.S.A. INC. [US/US]; 6001 Bollinger Canyon Road-3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BISCARDI, Joseph, A. [US/US]; 1915 Bonita Avenue, Berkeley, CA 94704 (US). FONG, Darren, P. [US/US]; 14 Crestmont Drive, Oakland, CA 94619 (US). MARCAN-TONIO, Paul [US/US]; 843 Butternut Drive, San Rafael, CA 94903 (US).
- (74) PRATER, Penny, L. et al. / etc.; Chevron-texaco Corporation - Law Department, Post

Office Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/12, 7/20

(11) WO 2004/085446 (13) A1

(21) PCT/JP2004/003786

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003-081936 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR DISTILLATION OF ORGANOSILICON COMPOUNDS THAT CONTAIN ACRYLOXY OR METHACRYLOXY GROUPS

• PROCEDE DE DISTILLATION DE COMPOSES D'ORGANOSILICIUM CONTENANT DES GROUPEES ACRYLOXY OU METHACRYLOXY

(71) DOW CORNING TORAY SILICONE CO., LTD. [JP/JP]; 1-3, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1000005 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ONODERA, Satoshi [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaigan, Ichihara-shi, Chiba 2990108 (JP). OKAWA, Tadashi [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaigan, Ichihara-shi, Chiba 2990108 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07F 9/02

(11) WO 2004/085447 (13) A2

(21) PCT/EP2004/003142

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,042 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THIOPHOSPHINE COMPOUNDS AND METHOD OF MAKING POLYMERISABLE COMPOSITIONS CONTAINING THEM AND THEIR USE FOR MAKING OPHTHALMIC LENSES

• COMPOSES DE THIOPHOSPHINE ET PROCEDE DE FABRICATION DE COMPOSITIONS POLYMERISABLES LES CONTENANT ET LEUR UTILISATION POUR FABRIQUER DES LENTILLES OPHTALMIQUES

(71) ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE [FR/FR]; 147, rue de Paris, F-94227 Charenton Cedex (FR).

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(72, 75) JALLOULI, Aref [US/US]; 13433 104th Avenue North, Largo, FL 33774 (US). TURSHANI, Yassin [US/US]; 8073 Somerset Drive, Largo, FL 33773 (US). WANIGATUNGA, Sirisoma [US/US]; 13863 Kimberly Drive, Largo, FL 33774 (US). RICKWOOD, Martin [US/US]; 303 Rabbit Run, Clarks Green, PA 18411 (US).

(74) CATHERINE, Alain et al. / etc.; 7 rue de Madrid, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/02

(11) WO 2004/085448 (13) A2

(21) PCT/US2004/008038

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/456,084 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UNSATURATED PHOSPHINYL-PHOSPHONATE PHOSPHATE TRANSPORT INHIBITORS

• INHIBITEURS DU TRANSPORT DE PHOSPHATE COMPRENANT UN GROUPE PHOSPHINYL-PHOSPHONATE INSATURE

(71) GENZYME CORPORATION [US/US]; 500 Kendall Street, Cambridge, MA 02142 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUVAL, Chad, C. [US/US]; 509 Medford Street, Apt. 1, Somerville, MA 02145 (US). DIOS, Angeles [ES/US]; 148 Overland Road, Apt. 1-11, Waltham, MA 02451 (US).

(74) DAVIS, Steven, G. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/00

(11) WO 2004/085449 (13) A1

(21) PCT/EP2004/003087

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 14 102.2 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING HIGH-PURITY ORGANOIRIDIUM COMPOUNDS

• PROCEDE DE FABRICATION DE COMPOSES ORGANO-IRIDIUM DE HAUTE PURETE

(71) COVION ORGANIC SEMICONDUCTORS GMBH [DE/DE]; 65926 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BACH, Ingrid [DE/DE]; Gartenstrasse 2, 65812 Bad Soden (DE). STÖSSEL, Philipp [DE/DE]; Hortensien-Ring 17, 65929 Frankfurt (DE). SPREITZER, Hubert [DE/DE]; Bruno-Taut-Strasse 20, 68519 Viernheim (DE).

(74) DÖRR, Klaus et al. / etc.; Industriepark Höchst, Gebäude F 821, 65926 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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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(21) PCT/US2004/009228

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,012 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHENYL AND FLUORENYL SUBSTITUTED PHENYL-PYRAZOLE COMPLEXES OF Ir

• COMPLEXES PHENYL-PYRAZOLE D'Ir A SUBSTITUTION PHENYLE ET FLUORENYLE

(71) THE UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; Suite 313, 3716 South Hope Street, Los Angeles, CA 90007-4344 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, Mark, E. [US/US]; 4447 Pepper Creek Way, Anaheim, CA 92807 (US). TAMAYO, Arnold [PH/US]; 1424 East Acacia Avenue, Glendale, CA 91205-3810 (US). DJUROVICH, Peter [US/US]; 1723 1/2 East Second Street, Los Angeles, CA 90802 (US).

(74) MEAGHER, Thomas, F. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, New York 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07G

(11) WO 2004/085451 (13) A2

(21) PCT/US2004/008873

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/457,237 24 Mar/mar 2003 US
(24.03.2003)

(30) 10/410,183 10 Apr/avr 2003 US
(10.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OFFICE PRODUCTS CONTAINING ANTIMICROBIAL AGENT

• ARTICLES DE BUREAU CONTENANT UN AGENT ANTIMICROBIEN

(71) ESSELTE CORPORATION [US/US]; 48 South Service Road, Suite 400, Melville, NY 11747-2340 (US).

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(72, 75) SLATTERY, Mike [US/US]; 17 Abbott Street, Yonkers, NY 10703 (US). FROELICH, Carl [US/US]; 93 River Heights Drive, Smithtown, NY 11787 (US). ADAMS, Peter [US/US]; 89 Sunset Way, Pembroke, MA 02359 (US). McLAUGHLIN, Robin [US/US]; 15 Freemann Street, Avon, MA 02322 (US). REGAL-MAXSON, Cece [US/US]; 8802 Cardinal Avenue, Fountain Valley, CA 92708 (US).

(74) FANUCCI, Allan, A. et al. / etc.; Winston & Strawn LLP, Patent Department, 1400 L Street, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/04, A61K 31/7032, 31/7135, 51/04, 51/06, A61P 3/14, 9/10, 17/00, 19/10, 29/00, 35/00, 35/04

(11) WO 2004/085452 (13) A1

(21) PCT/JP2004/004019

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-085919 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOUND HAVING AFFINITY WITH CALCIFIED TISSUE

• COMPOSE PRESENTANT UNE AFFINITE AVEC DES TISSUS CALCIFIES

(71) NIHON MEDI-PHYSICS CO. LTD. [JP/JP]; 9-8, Rokutanjicho, Nishinomiya-shi, Hyogo, 6620918 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAZASHI, Nobuhiko [JP/JP]; c/o Research Center of NIHON MEDI-PHYSICS CO., LTD., 3-1, Kitasode, Sodegaura-shi, Chiba, 2990266 (JP). MORISHITA, Aki [JP/JP]; c/o Research Center of NIHON MEDI-PHYSICS CO., LTD., 3-1, Kitasode, Sodegaura-shi, Chiba, 2990266 (JP). ITO, Osamu [JP/JP]; c/o Research Center of NIHON MEDI-PHYSICS CO., LTD., 3-1, Kitasode, Sodegaura-shi, Chiba, 2990266 (JP). KURAMI, Miki [JP/JP]; c/o Research Center of NIHON MEDI-PHYSICS CO., LTD., 3-1, Kitasode, Sodegaura-shi, Chiba, 2990266 (JP).

(74) IDE, Masatake et al. / etc.; M. IDE & CO., 9F, Gobancho Grand Bldg., 3-1, Gobancho, Chiyoda-ku, Tokyo, 1020076 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/20

(11) WO 2004/085453 (13) A1

(21) PCT/US2004/008100

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,190 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNTHESIS AND METHOD OF PURIFICATION OF CYCLIC NUCLEOTIDE DERIVATIVES

• SYNTHESE ET PROCEDE DE PURIFICATION DE DERIVES DE NUCLEOTIDES CYCLIQUES

(71) PHARMACORE, INC. [US/US]; 4170 Mendenhall Oaks Parkway, Suite 140, High Point, NC 27265 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAIT, Edward, M. [US/US]; 816 Jefferson Wood Lane, Greensboro, NC 27410 (US). CHOI, Seung-Yong [KR/US]; 4017 Stone Bluff Court, Greensboro, NC 27410 (US).

(74) CALKINS, Charles, W. et al. / etc.; Kilpatrick Stockton, LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/00, 19/16, 19/06, 19/10, 19/20

(11) WO 2004/085454 (13) A1

(21) PCT/GB2004/001196

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 0306657.8 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • Silylated oligonucleotide compounds
• Composes d'oligonucléotides silylés

(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) MOODY, David, John [GB/GB]; Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB). MCCORMAC, Paul [GB/GB]; Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB). BARRON, Sarah, Anne [GB/GB]; Earls Road, Grangemouth, Stirlingshire FK3 8XG (GB).

(74) REVELL, Christopher et al. / etc.; Ave-cia Limited, Intellectual Property Group, P.O. Box 42, Hexagon House, Blackley, Manches-ter M9 8ZS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/04, C12Q 1/68

(11) WO 2004/085455 (13) A1

(21) PCT/CN2004/000247

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,031 24 Mar/mar 2003 US (24.03.2003)

(30) 60/457,730 26 Mar/mar 2003 US (26.03.2003)

(30) 60/459,931 2 Apr/avr 2003 US (02.04.2003)

(30) 60/460,357 3 Apr/avr 2003 US (03.04.2003)

(30) 60/461,265 8 Apr/avr 2003 US (08.04.2003)

(30) 60/462,805 14 Apr/avr 2003 US (14.04.2003)

(30) 60/464,886 23 Apr/avr 2003 US (23.04.2003)

(30) 60/468,139 5 May/mai 2003 US (05.05.2003)

(30) 60/471,200 16 May/mai 2003 US (16.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)
• ESSAI DE DIAGNOSTIC DU VIRUS HUMAIN CAUSANT LE SYNDROME RESPIRATOIRE AIGU SEVERE (SARS)

(71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72) CHAN, Kwokhung; 3A, Wisteria Mansion, Taikoo Shing, Quarry Bay, Hong Kong (CN). GUAN, Yi; 11A, Block 4, Pokfulam Garden, 180 Pokfulam Road, Hong Kong (CN). NICHOLLS, John, Malcolm; 5B Royalton, 118 Pokfulam Road, Pokfulam, Hong Kong (CN). PEIRIS, Joseph, Sriyal, Malik; 19/F., Block 29, Baguio Villa, 550 Victoria Road, Hong Kong (CN). POON, Litman; Flat 21H, Block 2, PHase 3, Belvedere Garden, Tsuen Wan, Hong Kong (CN). YUEN, Kwokyung; Flat C, 19/F., Block 20, Baguio Villa, 555 Victoria Road, Pokfulam Road, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/04, C12N 15/11, 15/63, 15/85, 15/86, 1/21, 1/15, 1/19, A61K 35/00, C12Q 1/68

(11) WO 2004/085456 (13) A1

(21) PCT/US2004/008708

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,321 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITIONS AND METHODS FOR IDENTIFYING GENES WHOSE PRODUCTS MODULATE BIOLOGICAL PROCESSES

• COMPOSITIONS ET PROCEDES D'IDENTIFICATION DE GENES DONT LES PRODUITS MODULENT DES PROCESSUS BIOLOGIQUES

(71) THE CLEVELAND CLINIC FOUNDATION [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).

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(72, 75) KANDEL, Eugene, S. [US/US]; 2608 Edgewood Drive, Beachwood, OH 44122 (US). STARK, George, R. [US/US]; 2900 West Park, Shaker Heights, OH 44120 (US).

(74) DOCHERTY, Pamela, A.; Calfee, Hatler & 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0306718.8 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOUND

• COMPOSE

(71) STERIX LIMITED [GB/GB]; Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VICKER, Nigel [GB/GB]; c/o Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). LAWRENCE, Harshani, Rithma, Ruchiranani [GB/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). ALLAN, Gillian, Margaret [GB/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). BU-BERT, Christian [DE/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). FISCHER, Delphine, Sophie, Marion [FR/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). PUROHIT, Alan [GB/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). REED, Michael, John [GB/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB). POTTER, Barry, Victor, Lloyd [GB/GB]; Sterix Limited, Magdalen Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4CA (GB).

(74) ALCOCK, David 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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
- (11) WO 2004/085458 (13) A2
- (21) PCT/US2004/008629
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 60/456,716 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • STEROID SPIROLACTONIZATION
• SPIROLACTONISATION DE STE-
ROIDES
- (71) PHARMACIA CORPORATION
[US/US]; Global Patent Department, 700
Chesterfield Parkway West, Chesterfield,
Missouri 63017-1732 (US).
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les États désignés sauf US)
- (72, 75) FRANCZYK, Thaddeus, S. II
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velopment, Chemical R & D, 7000 Portage
Road, Mailstop 0200-091-201, Portage,
Michigan 49001 (US). WAGNER, Grace,
M. [US/US]; 219 Papin Avenue, Webster
Groves, MO 63119 (US).
- (74) ROEDEL, John, K., Jr. et al. / etc.;
Senniger, Powers, Leavitt & Roedel, #1
Metropolitan Square, 16th Floor, St. Louis,
Missouri 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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, 43/00, A61K 31/56
- (11) WO 2004/085459 (13) A1
- (21) PCT/GB2004/000705
- (22) 20 Feb/fév 2004 (20.02.2004)
- (25) en (26) en
- (30) 0306717.0 24 Mar/mar 2003 GB
(24.03.2003)
- (30) 0315885.4 7 Jul/juil 2003 GB
(07.07.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • OESTROGEN DERIVATIVES AS IN-
HIBITORS OF STEROID SULPHATASE

- DERIVES ESTROGENES UTILISES
EN TANT QU'INHIBITEURS DE STE-
ROIDE SULFATASE
- (71) STERIX LIMITED [GB/GB]; Magdalen
Centre, Robert Robinson Avenue, The Ox-
ford Science Park, Oxford OX4 4GA (GB).
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les États désignés sauf US)
- (72, 75) LEESE, Mathew [GB/GB]; Sterix Lim-
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Avenue, The Oxford Science Park, Oxford
OX4 4GA (GB). PUROHIT, Alan [GB/GB];
Sterix Limited, Magdalen Centre, Robert
Robinson Avenue, The Oxford Science Park,
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ford Science Park, Oxford OX4 4GA (GB).
NEWMAN, Simon, Paul [GB/GB]; Sterix
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OX4 4GA (GB). POTTER, Barry, Victor,
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Centre, Robert Robinson Avenue, The Ox-
ford Science Park, Oxford OX4 4GA (GB).
- (74) D YOUNG & CO; 21 New Fetter Lane, Lon-
don EC4A 1DA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- Published / Publiée : (c)
- (51)⁷ C07J 71/00, B01F 1/00
- (11) WO 2004/085460 (13) A1
- (21) PCT/EP2004/050373
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03007007.2 27 Mar/mar 2003 EP
(27.03.2003)
- (30) 103 14 097.2 27 Mar/mar 2003 DE
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR PREPARING CRYSTAL-
LINE CICLESONIDE WITH DE-
FINED PARTICLE SIZE
• PROCEDE DE PREPARATION DE
CICLESONIDE CRISTALLIN DE GRA-
NULOMETRIE DEFINIE
- (71) ALTANA PHARMA AG [DE/DE];
Byk-Gulden-Str. 2, 78467 Konstanz (DE).
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les États désignés sauf US)

- (72) EISTETTER, Klaus; Saentisblick 7, 78465
Konstanz (DE). KAUPP, Stefan; Friedrich-
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Ernst; Bohlstrasse 14, 78465 Konstanz (DE).
- (72, 75) SCHMIDT, Beate [DE/DE]; Allens-
bacher Str. 5, 78476 Allensbach (DE).
- (74) RUPP, Herbert; Altana Pharma AG, Byk-
Gulden-Str. 2, 78467 Konstanz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
(u) for / pour US only / seulement
-
- (51)⁷ C07K
- (11) WO 2004/085461 (13) A2
- (21) PCT/EP2004/003077
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) de (26) de
- (30) 103 13 819.6 24 Mar/mar 2003 DE
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TUMOUR-ASSOCIATED PEPTIDES
BINDING TO MHC MOLECULES
• PEPTIDE ASSOCIE A UNE TUMEUR
ET SE LIANT A DES MOLECULES
MHC
- (71) IMMATICS BIOTECHNOLOGIES
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(74) OTTEN, Hajo et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085462 (13) A2

(21) PCT/US2004/008474

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,592 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND COMPOSITION FOR DECREASING GHRELIN LEVELS

• PROCEDE ET COMPOSITION POUR FAIRE BAISSER LE TAUX DE GHRELIN

(71) INTERHEALTH NUTRACEUTICALS INCORPORATED [US/US]; 5451 Industrial Way, Benicia, CA 94510 (US).

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(72, 75) BAGCHI, Debasis [US/US]; 5451 Industrial Way, Benicia, CA 94510 (US). KOTHARI, Shil, C. [US/US]; 5451 Industrial Way, Benicia, CA 94510 (US).

(74) HASSID, Steve; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/00, C12N 15/87

(11) WO 2004/085463 (13) A2

(21) PCT/US2004/008560

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,234 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS OF UNNATURAL AMINO ACID INCORPORATION IN MAMMALIAN CELLS

• METHODES D'INCORPORATION D'ACIDES AMINES NON NATURELS DANS DES CELLULES MAMMIFERES

(71) NEURION PHARMACEUTICALS [US/US]; 180 N. Vinado Avenue, Pasadena, CA 91107 (US).

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(72, 75) MONAHAN, Sarah [US/US]; Pasadena, CA 92115 (US). DOUGHERTY, Dennis, A. [US/US]; 1817 Bushnell Avenue, South Pasadena, CA 91030 (US). LESTER, Henry, A. [US/US]; 156-29 Caltech, Pasadena, CA 91125 (US).

(74) KAWAI, Lau; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00

(11) WO 2004/085464 (13) A2

(21) PCT/EP2004/003060

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/397,059 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PH-DEPENDENT POLYPEPTIDE AGGREGATION AND ITS USE

• AGREGATION DE POLYPEPTIDES DEPENDANTE DU PH ET SON UTILISATION

(71) EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH [CH/CH]; ETH transfer, Raemistrasse 101, CH-8092 Zurich (CH).

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(72, 75) ZAHN, Ralph [DE/CH]; Michelstr. 13, CH-8049 Zürich (CH).

(74) EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH ETH TRANSFER; HG E 47-49, Raemistrasse 101, CH-8092 Zurich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/00, C12Q 1/37

(11) WO 2004/085465 (13) A1

(21) PCT/CA2004/000453

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,296 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHEX SUBSTRATES AND METHODS USING SAME

• SUBSTRATS DE PHEX ET METHODES UTILISANT CES SUBSTRATS

(71) BIOMEPP INC. [CA/CA]; 2901, rue Rachel Est, Suite 23, Montreal, Quebec H1W 4A4 (CA).

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(72, 75) BOILEAU, Guy [CA/CA]; 7645 Malherbe, Brossard, Quebec H3C 3J7 (CA). CARMONA, Adriana, Karaoglanovic [BR/BR]; Alameda Sarutaia 103, Apto 161, CEP-01403-010 Sao Paulo, SP (BR). CAMPOS, Marcelo [BR/BR]; Rua Rocha 46A, Apto 205, CEP-01330-000 Sao Paulo, SP (BR). JULIANO, Maria, Aparecida [BR/BR]; Rua Frei Gaspar 568, CEP-03048-020 Sao Paulo, SP (BR). JULIANO, Luiz [BR/BR]; Rua Rouxinol 795, Apto 94, CEP-04516-001 Sao Paulo, SP (BR).

(74) DUBUC, J. et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 14/16

(11) WO 2004/085466 (13) A2

(21) PCT/US2004/009767

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,880 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMMUNOGENIC HIV-1 MULTICLADE, MULTIVALENT CONSTRUCTS AND METHODS OF THEIR USE

- PRODUITS DE RECOMBINAISON HIV-1 MULTICLADE IMMUNOGENES ET MULTIVALENTS, ET METHODES D'UTILISATION DE CEUX-CI

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; Technology Transfer Office, 4770 Buford Highway (K79), Atlanta, GA 30341 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAL, Renu, B. [US/US]; 2070 Asgard Court, Atlanta, GA 30345 (US). OWEN, Sherry, M. [US/US]; 5679 Charlton Way, Douglasville, GA 30135 (US).

(74) CASH, David; Klarquist Sparkman, LLP, Suite 1600, One World Trade Center, 121 Southwest Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 1/18

(11) WO 2004/085467 (13) A1

(21) PCT/AU2004/000382

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901507 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR ISOLATING HAEMOCYANIN

- PROCEDE POUR ISOLER L'HEMOCYANINE

(71) NORIKA HOLDINGS PTY LTD [AU/AU]; 12 Bage Street, Nundah, Queensland 4012 (AU).

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(72, 75) MANICKAVASAGAM, Bhanu [AU/AU]; 5 Tamarix Street, Chapel Hill, Queensland 4069 (AU).

(74) GRIFFITH HACK; Level 10, 167 Eagle Street, GPO Box 3125, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47

(11) WO 2004/085468 (13) A2

(21) PCT/EP2004/003299

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03007000.7 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL HUMAN P53 SPLICE VARIANT DISPLAYING DIFFERENTIAL TRANSCRIPTIONAL ACTIVITY

- NOUVEAU VARIANT D'EPISSAGE HUMAIN P53 FAISANT PREUVE D'UNE ACTIVITE TRANSCRIPTIONNELLE DIFFERENTIELLE

(71, 72) DEPPERT, Wolfgang, Willi [DE/DE]; Im Hain 14, 22359 Hamburg (DE).

(72, 75) DORNREITER, Irene [DE/DE]; Sthamerstr.35, 22397 Hamburg (DE).

(74) HUBER, Bernard; Huber & Schüssler, Truderinger Strasse 246, 81825 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/12, A61K 38/17

(11) WO 2004/085469 (13) A2

(21) PCT/GB2004/001248

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306771.7 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECRETED PROTEIN FAMILY

- FAMILLE DE PROTEINES SECRETEES

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(74) GOODFELLOW, Hugh, Robin et al. / etc.; Carpmacels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/12, C07K 16/18, A61K 38/17, 31/7088, G01N 33/53, C12Q 1/68, A01K 67/027

(11) WO 2004/085470 (13) A1

(21) PCT/GB2004/001338

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307127.1 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTERFERON-ALPHA INDUCED GENE

- GENE INDUIT PAR L'INTERFERON-ALPHA

(71) PHARMA PACIFIC PTY LTD [AU/AU]; 103-105 Pipe Road, Laverton North, Victoria 3026 (AU).

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(72, 75) MERITET, Jean-François [FR/FR]; 62, rue de Picpus, F-75012 Paris (FR). DRON, Michel [FR/FR]; 22, avenue des Cottages, F-92340 Bourg la Reine (FR). TOVEY, Michael, Gerard [GB/FR]; 7 rue Lagrange, F-75005 Paris (FR).

(74) IRVINE, Jonquil, Claire; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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A61K 47/48

(11) WO 2004/085471 (13) A2

(21) PCT/DK2004/000198

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) PA 2003 00451 24 Mar/mar 2003 DK
(24.03.2003)

(30) 60/459,838 2 Apr/avr 2003 US
(02.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GLP-2 DERIVATIVES
• DERIVES DE GLP-2

(71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, Bagsværd 2880 (DK).
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(72, 75) KODRA, János, Tibor [DK/DK];
Ryesgade 111B, 4., Copenhagen Ø
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PESCHKE, Bernd [DE/DK]; Eskebjerggård
56, 2. tv., Måløv 2760 (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 14/62, C12N 15/17

(11) WO 2004/085472 (13) A1

(21) PCT/DK2004/000209

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PA 2003 00467 27 Mar/mar 2003 DK
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR MAKING HUMAN IN-
SULIN PRECURSORS AND HUMAN
INSULIN
• PROCEDE DE FABRICATION DE
PRECURSEURS DE L'INSULINE HU-
MAINE ET INSULINE HUMAINE

(71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, DK-2880 Bagsvaerd (DK).
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les États désignés sauf US)*

(72, 75) KJELDSEN, Thomas, Borglum
[DK/DK]; Kvædevej 73, DK-2830 Virum
(DK).

(74) NOVO NORDISK A/S; Corporate Patents,
Novo Allé, DK-2880 Bagsværd (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 14/78, C12N 5/00

(11) WO 2004/085473 (13) A2

(21) PCT/NL2004/000208

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03075906.2 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RGD-ENRICHED GELATINE-LIKE
PROTEINS WITH ENHANCED CELL
BINDING

• PROTEINES DE TYPE ENRICHI DE
RGD (ARGININE-GLYCINE-ACIDE
ASPARTIQUE) A LIAISON CELLU-
LAIRE AMELIOREE

(71) FUJI PHOTO FILM B.V. [NL/NL]; Ouden-
staart 1, NL-5047 TK Tilburg (NL).
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les États désignés sauf US)*

(72, 75) BOUWSTRA, Jan, Bastiaan [NL/NL];
Soestdijkseweg Z 202, NL-3721 AJ
Bilthoven (NL). VAN ES, Andries, Jo-
hannes, Jozef [NL/NL]; Dennenlaan 66,
NL-4839 BE Dorst (NL). TODA, Yuzo
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NL-5051 KZ Goirle (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/085474 (13) A2

(21) PCT/US2004/008802

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,324 20 Mar/mar 2003 US
(20.03.2003)

(30) 60/523,836 19 Nov/nov 2003 US
(19.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF PRODUCING AN AN-
TIBODY TO EPIDERMAL GROWTH
FACTOR RECEPTOR

• PROCEDE DE PRODUCTION D'UN
ANTICORPS CONTRE LE RECEP-
TEUR DU FACTEUR DE CROISSANCE
EPIDERMIQUE

(71) IMCLONE SYSTEMS INCORPO-
RATED [US/US]; 180 Varick Street, New
York, NY 10014 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TARNOWSKI, Joseph [US/US];
404 High Street, Stirling, NJ 07980 (US).
VELEZ, Daniel [US/US]; 8 Beaver Creek
Drive, Flemington, NJ 08822 (US). GOLD-
STEIN, Joel [US/US]; 4 Beaver Creek
Drive, Flemington, NJ 08822 (US). BARRY,
Michael [US/US]; 7 Turtle Court, Flem-
ington, NJ 08822 (US). BLUMENTHAL,
Diane [US/US]; 4 Houston Road, Yardley,
PA 19067 (US). PENDSE, Girish [IN/US];
41 Oak Terrace, Hillsborough, NJ 08844
(US).

(74) SOMERVILLE, Deborah, 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/085475 (13) A2

(21) PCT/US2004/008955

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,481 24 Mar/mar 2003 US
(24.03.2003)

(30) 60/523,295 17 Nov/nov 2003 US
(17.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTI-IL-20 ANTIBODIES AND BIND-
ING PARTNERS AND METHODS OF
USING IN INFLAMMATION

• ANTICORPS ANTI-IL-20 ET LEURS
PARTENAIRES DE LIAISON, ME-
THODES D'UTILISATION DE
CES DERNIERS DANS LES CAS
D'INFLAMMATION

(71) ZYMOGENETICS, INC. [US/US]; 1201
Eastlake Avenue East, Seattle, WA 98102
(US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XU, Wenfeng [CN/US]; 8809, 25th Place NE, Seattle, WA 98115 (US). KINDSVOGEL, Wayne [US/US]; 6014, 24th Avenue NE, Seattle, WA 98115 (US). CHANDRASEKHER, Yasmin, A. [DE/US]; 14946 Granite Court, Saratoga, CA 95070 (US). DILLON, Stacey, R. [US/US]; 8057, 28th Avenue NE, Seattle, WA 98115 (US). LEHNER, Joyce, M. [US/US]; 6522 Phinney Avenue N. #201, Seattle, WA 98103 (US). SIADAK, Anthony, W. [US/US]; 6210, 1st Avenue NW, Seattle, WA 98107 (US). SIVAKUMAR, Pallavur, V. [IN/US]; 2644 NW 63rd Street, Seattle, WA 98107 (US). MOORE, Margaret, D. [US/US]; 7771, 57th Avenue NE, Seattle, WA 98115 (US).

(74) WALKER, Shelby, J. et al. / etc.; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/085476 (13) A2

(21) PCT/US2004/008956

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,481 24 Mar/mar 2003 US (24.03.2003)

(30) 60/523,295 17 Nov/nov 2003 US (17.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTI-IL-22RA ANTIBODIES AND BINDING PARTNERS AND METHODS OF USING IN INFLAMMATION

• ANTICORPS ANTI-IL-22RA ET LEURS PARTENAIRES DE LIAISON, METHODES D'UTILISATION DE CES DERNIERS DANS LES CAS D'INFLAMMATION

(71) ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

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(72, 75) XU, Wenfeng [CN/US]; 8809, 25th Place NE, Seattle, WA 98115 (US). KINDSVOGEL, Wayne [US/US]; 6014, 24th Avenue NE, Seattle, WA 98115 (US). CHANDRASEKHER, Yasmin, A. [DE/US]; 14946 Granite Court, Saratoga, CA 95070 (US). DILLON, Stacey, R. [US/US]; 8057, 28th Avenue NE, Seattle, WA 98115 (US). LEHNER, Joyce, M. [US/US]; 6522 Phinney Avenue N. #201, Seattle, WA 98103

(US). SIADAK, Anthony, W. [US/US]; 6210, 1st Avenue NW, Seattle, WA 98107 (US). SIVAKUMAR, Pallavur, V. [IN/US]; 2644 NW 63rd Street, Seattle, WA 98107 (US). MOORE, Margaret, D. [US/US]; 7771, 57th Avenue NE, Seattle, WA 98115 (US).

(74) JOHNSON, Jennifer, K. et al. / etc.; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 16/24, A61K 39/395, 39/385, 39/00, A61P 37/02, 11/00, 37/08

(11) WO 2004/085477 (13) A1

(21) PCT/EP2004/050375

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03447070.8 28 Mar/mar 2003 EP (28.03.2003)

(30) 60/461,687 9 Apr/avr 2003 US (09.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TREATMENT OF TYPE 1 IMMUNE RESPONSE-MEDIATED INFLAMMATORY LUNG DISEASE BY MODULATION OF IFN-GAMMA ACTIVITY

• TRAITEMENT DE LA PNEUMOPATHIE INFLAMMATOIRE MEDIATEE PAR LA REPONSE IMMUNITAIRE DE TYPE 1, PAR LA MODULATION DE L'ACTIVITE DE L'IFN-GAMMA

(71) INNOGENETICS N.V. [BE/BE]; Technologiepark 6, B-9052 Ghent (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEPRAETERE, Stany [BE/BE]; Gentstraat 224, B-9700 Oudenaarde (BE). LORRÉ, Katrien [BE/BE]; Lievekaai 12, B-9000 Ghent (BE). BUYSE, Marie-Ange [BE/BE]; Burg. E. Ronsestraat 23, B-9820 Merelbeke (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK 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 19/00, 14/47, 14/475, 14/525, 14/52, 14/54, 14/705, 14/715

(11) WO 2004/085478 (13) A2

(21) PCT/EP2004/003239

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03006949.6 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED FC FUSION PROTEINS

• PROTEINES HYBRIDES FC AMELIOREES

(71) APOGENIX BIOTECHNOLOGY AG [DE/DE]; Im Neuenheimer Feld 581, 69120 Heidelberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALCZAK, Henning [RU/DE]; Keplerstrasse 17, 69120 Heidelberg (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/00, A61P 31/12, 31/16 // C07K 14/47, 14/52, 14/705

(11) WO 2004/085479 (13) A2

(21) PCT/EP2004/003245

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03006949.6 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TREATMENT OF VIRAL INFECTIONS

• TRAITEMENT D'INFECTIONS VIRALES

(71) APOGENIX BIOTECHNOLOGY AG [DE/DE]; Im Neuenheimer Feld 581, 69120 Heidelberg (DE). MEDINNOVA GESELLSCHAFT FÜR MEDIZINISCHE INNOVATIONEN AUS AKADEMISCHER FORSCHUNG MBH [DE/DE]; Biegenstr. 4, 35037 Marburg (DE).

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(72, 75) LUDWIG, Stephan [DE/DE]; Langes Garthlein 21, 97078 Würzburg (DE). PLESCHKA, Stephan [DE/DE]; Hinter der Ostanlage 5a, 35390 Giessen (DE). WALCZAK, Henning [DE/DE]; Keplerstr. 17, 69120 Heidelberg (DE). PLANZ, Oliver [DE/DE]; Wendelsheimer Str. 34, 72108 Rottenburg (DE). HIRT, Ulrich [DE/DE]; Fischmarkt 7, 69117 Heidelberg (DE).

(74) WEICKMANN & WEICKMANN et al. / etc.; Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/085480 (13) A2

(21) PCT/US2004/008477

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,145 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS AND COMPOSITION FOR ASSAYING CARBOHYDRATES
• PROCEDES ET COMPOSITIONS POUR L'ESSAI D'HYDRATES DE CARBONE

(71) ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC. [US/US]; 351 W. 10th Street, Indianapolis, IN 46202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUZIKAR, Jan [CZ/US]; 3209 East 10th Street, Apt. N2, Bloomington, IN 47408 (US). MECHREF, Yehia, S. [LB/US]; 3911 E. Tamaaron Court, Bloomington, IN 47408 (US). NOVOTNY, Milos, V. [US/US]; 4600 North Benton Drive, Bloomington, IN 47408 (US).

(74) ADDISON, Bradford, G.; BARNES & THORNBURG LLP, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08B 30/20, 31/00, 35/00, C08L 3/12, A61L 15/60

(11) WO 2004/085481 (13) A1

(21) PCT/CA2004/000473

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2,423,712 26 Mar/mar 2003 CA (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STARCH NETWORKS AS ABSORBENT OR SUPERABSORBENT MATERIALS AND THEIR PREPARATION BY EXTRUSION

• RESEAUX D'AMIDONS UTILISES EN TANT QUE MATERIAUX ABSORBANTS OU SUPERABSORBANTS ET PREPARATION DESDITS RESEAUX PAR EXTRUSION

(71) LE GROUPE LYSAC INC. [CA/CA]; 75, J.-Armand-Bombardier, Boucherville, Quebec J4B 8P1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THIBODEAU, Claude [CA/CA]; 750, des Grives, Mont St-Hilaire, Quebec J3H 5Y8 (CA). BERGERON, David [CA/CA]; 152, Samuel de Champlain, La Prairie, Quebec J5R 6K4 (CA). BOLDUC, Isabelle [CA/CA]; 1390, boulevard Rome, App. 9, Brossard, Quebec J4W 2T4 (CA). COULTURE, Claude [CA/CA]; 5, Park Place, App. 8, Westmount, Quebec H3X 2K4 (CA). NOURRY, Nicolas [CA/CA]; 1048, rue Maissoneuve, App. 3, Longueuil, Quebec J4K 5A1 (CA).

(74) DUBUC, J. et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/00, C08L 3/02, 3/02

(11) WO 2004/085482 (13) A2

(21) PCT/CH2004/000190

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 418.8 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING STARCH NETWORKS AND INITIAL PRODUCTS

• PROCEDE DE PRODUCTION DE RESEAUX D'AMIDON ET DE PRODUITS PRIMAIRES

(71) INNOGEL AG [CH/CH]; Bahnhofstrasse 10, CH-6301 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Rolf [CH/CH]; Döltschhalde 26, CH-8055 Zürich (CH). INNEREBNER, Federico [CH/CH]; Am Börtli 12, CH-8049 Zürich (CH).

(74) BÜHLER AG; Patentabteilung, CH-9240 Uzwil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C08B 31/00, C08L 3/02

(11) WO 2004/085483 (13) A2

(21) PCT/CH2004/000191

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 418.8 28 Mar/mar 2003 DE (28.03.2003)

(30) 103 27 870.2 18 Jun/juin 2003 DE (18.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VISCOELASTIC MATERIAL

• MATERIAU RESILIENT

(71) INNOGEL AG [CH/CH]; Bahnhofstrasse 10, CH-6301 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Rolf [CH/CH]; Döltschhalde 26, CH-8055 Zürich (CH). INNEREBNER, Federico [CH/CH]; Am Börtli 12, CH-8049 Zürich (CH).

(74) BÜHLER AG; Patentabteilung, CH-9240 Uzwil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE 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

(u) for / pour US only / seulement

(51)⁷ C08B 37/00

(11) WO 2004/085484 (13) A1

(21) PCT/CA2004/000416

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2,423,711 27 Mar/mar 2003 CA (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PREPARATION OF HIGH VISCOSITY BETA-GLUCAN CONCENTRATES

• PREPARATION DE CONCENTRES DE BETA-GLUCANE A HAUTE VISCO-SITE

(71) THE GOVERNORS OF THE UNIVERSITY OF ALBERTA [CA/CA]; 222 Campus Tower, 8625-112 Street, Edmonton, Alberta T6G 1E3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VASANTHAN, Thava [CA/CA]; #11827, 12A Avenue, Edmonton, Alberta T6J 7E9 (CA). TEMELLI, Feral [CA/CA]; #369 Burton Road, Edmonton, Alberta T6R 2J5 (CA). BURKUS, Zvonko [CA/CA]; #8, 11325-103 Avenue, Edmonton, Alberta T5K 0S3 (CA).

(74) KINSMAN, L., Anne et al. / etc.; Borden Ladner Gervais LLP, Suite 1100, 100 Queen Street, Ottawa, Ontario K1P 1J9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08B 37/00, 15/00, C08F 8/00

(11) WO 2004/085485 (13) A1

(21) PCT/EP2004/004015

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03/03770 27 Mar/mar 2003 FR (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CROSSLINKED THREE-DIMENSIONAL POLYMER NETWORK, METHOD FOR PREPARING SAME, SUPPORT MATERIAL COMPRISING SAME AND USES THEREOF

• RESEAU POLYMERES TRIDIMENSIONNEL RETICULE, PROCEDE PERMETTANT DE PREPARER CE RESEAU, MATERIAU DE SUPPORT CONTENANT CE RESEAU ET UTILISATIONS DE CELUI-CI

(71) EKA CHEMICALS AB [SE/SE]; S-445 80 Bohus (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUVAL, Raphaël [FR/FR]; 108, boulevard Mauger, Villa Cléo, F-14800 Deauville (FR).

(74) NARGOLWALLA, Cyra et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 C08B 37/08, A61K 31/722, 31/01, 31/17, 7/00, A61P 17/00, 17/04

(11) WO 2004/085486 (13) A1

(21) PCT/JP2004/004168

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083595 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITION FOR EXTERNAL USE ON SKIN

• COMPOSITION A USAGE EXTERNE POUR LA PEAU

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5308565 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMIZU, Tatsuo [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 6188589 (JP). KURIYAMA, Kiyoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 6188589 (JP).

(74) YASUTOMI, Yasuo; Chuo Bldg., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08B 37/16, A61K 47/40

(11) WO 2004/085487 (13) A1

(21) PCT/JP2004/003670

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-087192 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL CYCLODEXTRIN DERIVATIVES

• NOUVEAUX DERIVES DE CYCLODEXTRINE

(71) YOKOHAMA TLO COMPANY, LTD. [JP/JP]; 79-5, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 2408501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTORI, Kenjiro [JP/JP]; 4-14-9, Fujisawa, Fujisawa-shi, Kanagawa 2510052 (JP).

(74) MAE, Naomi; Scilyx Patent Office 5th Floor, Kudan-Tsuda Bldg., 7-12, Kudamminami 3-chome, Chiyoda-ku, Tokyo 1020074 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F

(11) WO 2004/085488 (13) A2

(21) PCT/US2004/006323

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 60/456,444 21 Mar/mar 2003 US (21.03.2003)

(30) Awaiting 27 Feb/fév 2004 US (27.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS OF POLYMERIZING OLEFIN MONOMERS WITH MIXED CATALYST SYSTEMS

• PROCEDE POUR POLYMERISER DES MONOMERES D'OLEFINE AU MOYEN DE SYSTEMES CATALYSEURS MIXTES

(71) UNIVATION TECHNOLOGIES, LLC [US/US]; 5555 San Felipe, Suite 1950, Houston, TX 77056 (US).
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(72) KINNAN, Michael, A.; 1410 Mt. Vernon, Charleston, WV 25315 (US). EHRMAN, Fred, D.; 14226 Ridgewood Lake Court, Houston, TX 77062 (US). SHIRODKAR, Pradeep, P.; 3118 Willow Wood Trail, Kingwood, TX 77345 (US). DAVIS, Mark, B.; 11 Richland Drive, Hurricane, WV 25526 (US). GRIEF-RUST, Michele, L.; 1040 Wisteria Drive, Beaumont, TX 77076 (US).

(74) FAULKNER, Kevin, M. et al. / etc.; 5555 San Felipe, Suite 1950, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F

(11) WO 2004/085489 (13) A2

(21) PCT/US2004/008791

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,085 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS TO PRODUCE 4-(2-SULFOETHYL)CYCLOHEXANE, 1,2-DIOL FROM 4-VINYLCYCLOHEXANE-1, 2-DIOL

• METHODE DE PRODUCTION DE 4-(2-SULFOETHYLCYCLOHEXANE)-1,2-DIOL A PARTIR DE 4-VINYLCYCLOHEXANE-1,2-DIOL

(71) INVISTA TECHNOLOGIES S.à.r.l. [US/US]; Intellectual Property Record Center, 4417 Lancaster Pike, CRP 722/1032, Wilmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUN, Yanhui [US/US]; 121 Median Drive, Wilmington, DE 19803 (US). CHEN, Shaorong [CN/US]; 104 Brians Court, Wilmington, DE 19810 (US).

(74) KRUKIEL, Charles, E.; Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F

(11) WO 2004/085490 (13) A2

(21) PCT/US2004/008959

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,279 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TITANIUM DIOXIDE SCOURING MEDIA AND METHOD OF PRODUCTION

• SUPPORT DE RECURAGE DE DIOXYDE DE TITANE ET SON PROCEDE DE PRODUCTION

(71) CARBO CERAMICS INC. [US/US]; 6565 MacArthur Blvd, Suite 1050, Irving, TX 75039 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAUSE, Claude [US/US]; 1465 Cypress Island Highway, Ste. Martinsville, LA 70582 (US). CANOVA, Steve [US/US]; 116 Shortleaf Lane, Gray, GA 31032 (US).

(74) FERGUSON, Priscilla, L. et al. / etc.; Haynes and Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C08F

(11) WO 2004/085491 (13) A2

(21) PCT/US2004/009223

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,612 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOVAL OF CMP AND POST-CMP RESIDUE FROM SEMICONDUCTORS USING SUPERCRITICAL CARBON DIOXIDE PROCESS

• ELIMINATION DE RESIDU DE POLISAGE MECANIQUE ET CHIMIQUE ET DE POST-TRAITEMENT DE POLISAGE MECANIQUE ET CHIMIQUE A PARTIR DE SEMI-CONDUCTEURS AU MOYEN D'UN TRAITEMENT AU GAZ CARBONIQUE SUPERCRITIQUE

(71) TOKYO ELECTRON LIMITED [JP/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85223 (US).

(72) MULLEE, William, H.; 10592 S.W. 63rd Drive, Portland, OR 97219 (US). DE LEEUWE, Marc; 2525 Neal Spring Road, Templeton, CA 93465 (US). ROBERSON, Glenn, A., Jr.; 165 Hilltop Drive, Hollister, CA 95023 (US). PALMER, Bentley, J.; 14410 S. 40th Street, Phoenix, AZ 85044 (US).

(74) HAVERSTOCK, Thomas, B. et al. / etc.; Haverstock & Owens LLP, 162 N. Wolfe Road, Sunnyvale, CA 94086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 2/22, 14/00, 6/00, C08J 3/24

(11) WO 2004/085492 (13) A1

(21) PCT/JP2004/003330

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-080770 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCING FLUOROCOPOLYMER

• PROCÉDÉ DE PRODUCTION DE FLUOROPOLYMÈRE

(71) UNIMATEC CO. LTD. [JP/JP]; 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo, 1058585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANEGA, Jun [JP/JP]; c/o UNIMATEC CO., LTD., 831-2, Kamisouda, Isohara-machi, Kitaibaraki-shi, Ibaraki, 3191593 (JP). KUMAMOTO, Shigeru [JP/JP]; c/o UNIMATEC CO., LTD., 831-2, Kamisouda, Isohara-machi, Kitaibaraki-shi,

- Ibaraki, 3191593 (JP). ENOKIDA, Takashi [JP/JP]; c/o UNIMATEC CO., LTD., 831-2, Kamisouda, Isohara-machi, Kitaibaraki-shi, Ibaraki, 3191593 (JP).
- (74) SUZUKI, Shunichiro; S.SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo, 1410031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2/44, C08J 3/12
- (11) WO 2004/085493 (13) A1
- (21) PCT/JP2004/004061
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-083027 25 Mar/mar 2003 JP (25.03.2003)
- (30) 2003-337888 29 Sep/sep 2003 JP (29.09.2003)
- (30) 2004-021870 29 Jan/jan 2004 JP (29.01.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • POLYMER PARTICLE COATED WITH SILICA, METHOD FOR PRODUCING THE SAME AND USE OF THE SAME
- PARTICULE POLYMERES A REVELEMENT DE SILICE, PROCEDE DE FABRICATION CORRESPONDANT ET LEUR UTILISATION
- (71) SEKISUI PLASTICS CO., LTD. [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOGUCHI, Yuuji [JP/JP]; 1259, Oazazumi, Minakuchi-cho, Kouka-gun, Shiga 5280000 (JP).
- (74) NOGAWA, Shintaro; Minamimorimachi Park Bldg., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 4/02, 10/00, 10/06, 4/654
- (11) WO 2004/085495 (13) A1
- (21) PCT/EP2004/002519
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) en (26) en
- (30) 03075872.6 27 Mar/mar 2003 EP (27.03.2003)
- (30) 60/460,643 4 Apr/avr 2003 US (04.04.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MAGNESIUM DICHLORIDE-ALCOHOL ADDUCTS AND CATALYST COMPONENTS OBTAINED THEREFROM
- PRODUITS D'ADDITION DE DICHLORURE DE MAGNESIUM-ALCOOL ET COMPOSANTS CATALYSEURS OBTENUS A PARTIR DE CEUX-CI
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (71) BASELL POLIOLEFINE ITALIA S.P.A. [IT/IT]; Via Pergolesi, 25, I-20124 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORINI, Giampiero [IT/IT]; Via Giotto, 36, I-35100 Padova (IT). BALBONTIN, Giulio [IT/IT]; Via Firenze, 44/16, I-17100 Savona (IT). PIEMONTESE, Fabrizio [IT/IT]; Vicolo Mozzo della Vittoria, 2, I-44100 Ferrara (IT). FUSTO, Maria [IT/IT]; Via Arianuova, 136, 44100 Ferrara (IT). VITALE, Gianni [IT/IT]; Via Fulvio Testi, 22, I-44100 Ferrara (IT). PRINI, Gian-siro [IT/IT]; Via Pio Mazzucchi, 76, I-45020 Castelvoglio (IT).
- (74) COLUCCI, Giuseppe; Basell Poliolefine Italia S.P.A., Intellectual Property, P.le G. Donegani 12, I-44100 Ferrara (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C08F 4/04, 4/32, 4/40, C08J 3/28, 3/12, C08F 6/00, 2/10, 2/48
- (11) WO 2004/085496 (13) A1
- (21) PCT/EP2004/002878
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/457,746 26 Mar/mar 2003 US (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COLOR-STABLE SUPERABSORBENT POLYMER COMPOSITION
- COMPOSITION POLYMERES SUPER-ABSORBANTE ET DE COULEUR STABLE
- (71) BASF AKTIENGESSELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERFERT, Norbert [DE/US]; 3204 Trefoil Drive, Charlotte, NC 28226-7200 (US). AZAD, Michael, M. [US/US]; 6848 Braddock Ln., Charlotte, NC 28277 (US). CARRICO, Peter, W. [US/US]; 2274 Riverview Road, West Point, MS 39773 (US).
- (74) BASF AKTIENGESSELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 10/00, C07C 2/32, C07F 15/00

(11) WO 2004/085497 (13) A2

(21) PCT/US2004/008098

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 0306418.5 20 Mar/mar 2003 GB
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CATALYST COMPOSITION

• COMPOSITION CATALYTIQUE

(71) EXXONMOBIL CHEMICAL PATENTS
INC. [US/US]; A Corporation of the State of
Delaware, 5200 Bayway Drive, Baytown, TX
77520-2101 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SOLAN, Gregory, A. [GB/GB]; Flat 14,
2 Marquis Street, Leicester, Leicestershire
LE1 644 (GB). DAVIES, Christopher, J.
[GB/GB]; 34 Wheatley Road, Lancashire
M27 9RW (GB).

(74) BELL, Catherine, L. et al. / etc.; ExxonMo-
bil Chemical Company, P.O. Box 2149, Bay-
town, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 114/22, 2/38, B32B 27/30

(11) WO 2004/085498 (13) A1

(21) PCT/JP2004/004028

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-086179 26 Mar/mar 2003 JP
(26.03.2003)

(30) 2003-422989 19 Dec/déc 2003 JP
(19.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF FORMING THIN FILM

• PROCEDE DE FORMATION DE
COUCHE MINCE

(71) DAIKIN INDUSTRIES LTD. [JP/JP];
Umeda Center Bldg., 4-12, Nakazaki-Nishi
2-chome, Kita-ku, Osaka-shi, Osaka,
5308323 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ARAKI, Takayuki [JP/JP]; c/o Yo-
dogawa-seisakusho, DAIKIN INDUSTRIES,
LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka,
5668585 (JP). KODANI, Tetsuhiro [JP/JP];
c/o Yodogawa-seisakusho, DAIKIN INDUS-
TRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi,
Osaka, 5668585 (JP).

(74) ASAHINA, Sohta et al. / etc.; NS Building
2-22, Tanimachi 2-chome, Chuo-ku, Osaka-
shi, Osaka, 5400012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C08F 210/02, 4/642, 2/00

(11) WO 2004/085499 (13) A2

(21) PCT/EP2004/003112

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03251855.7 25 Mar/mar 2003 EP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS

• PROCEDE

(71) BOREALIS TECHNOLOGY OY [FI/FI];
P.O. Box 330, FIN-06101 Porvoo (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAARANEN, Janne [FI/FI]; Heisitie 1
B, FIN-04260 Kerava (FI). HOIKKA, Jouni
[FI/FI]; Laaksonpohjantie 16, FIN-06650
Hamari (FI). RAUTIO, Soile [FI/FI]; Hu-
maltarhantie 1 B 11, FIN-06450 Porvoo (FI).

(74) FRANK B. DEHN & CO.; 179 Queen Vic-
toria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C08F 216/20, 222/06, 8/12, 8/32, C08G
65/332, A61K 47/48, 38/16

(11) WO 2004/085500 (13) A1

(21) PCT/JP2004/004134

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003-080389 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2003-355853 16 Oct/oct 2003 JP
(16.10.2003)

(30) 2003-426598 24 Dec/déc 2003 JP
(24.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POLYMERIC MODIFIERS AND PHAR-
MACEUTICAL COMPOSITIONS

• MODIFICATEURS DE POLYMERES
ET COMPOSITIONS PHARMACEU-
TIQUES

(71) SANKYO COMPANY LIMITED [JP/JP];
5-1, Nihonbashi Honcho 3-chome, Chuo-ku,
Tokyo, 1038426 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KASUYA, Yuji [JP/JP]; c/o SANKYO
COMPANY, LIMITED, 2-58, Hiromachi
1-chome, Shinagawa-ku, Tokyo, 1408710
(JP). HONMA, Masashi [JP/JP]; c/o
SANKYO COMPANY, LIMITED, 2-58,
Hiromachi 1-chome, Shinagawa-ku, Tokyo,
1408710 (JP).

(74) OHNO, Akio et al. / etc.; c/o SANKYO
COMPANY, LIMITED, 2-58, Hiromachi
1-chome, Shinagawa-ku, Tokyo, 1408710
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 230/08, 290/06

(11) WO 2004/085501 (13) A1

(21) PCT/JP2004/003828

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-088739 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SILICONE RESIN COMPOSITION AND
MOLDINGS THEREOF

• COMPOSITION DE RESINE SILICONE
ET MOULAGES DE CETTE DERNIERE

(71) NIPPON STEEL CHEMICAL CO. LTD.
[JP/JP]; 21-11, Nishi Gotanda 7-chome, Shi-
nagawa-ku, Tokyo, 1410031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITO, Takashi [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1 Tsukiji, Kisarazu-shi, Chiba, 2920835 (JP). ISOZAKI, Masayoshi [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1 Tsukiji, Kisarazu-shi, Chiba, 2920835 (JP). ANDOH, Hideki [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1 Tsukiji, Kisarazu-shi, Chiba, 2920835 (JP).

(74) NARUSE, Katsuo, et al. / etc.; 5th Floor, TKK Nishishinbashi Bldg., 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 289/00, 289/00

(11) WO 2004/085502 (13) A1

(21) PCT/EP2004/003256

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03251911.8 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS FOR THE PRODUCTION OF ACID GROUP CONTAINING POLYMER RESIN

• PROCEDE POUR LA PRODUCTION DE GROUPE ACIDE CONTENANT UNE RESINE POLYMERIQUE

(71) SIGMAKALON SERVICES B.V. [NL/NL]; Amsterdamseweg 14, NL-1422 AD Uithoorn (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILLARD, Michel [BE/BE]; Rue Jean Froissart, 6/102, B-1348 Louvain-la-Neuve (BE). VOS, Marcel [NL/BE]; Rue Cheval Godet, 78, B-1400 Nivelles (BE). PLEHIERS, Mark [BE/BE]; Rue Le Corrége 21, B-1000 Bruxelles (BE).

(74) WALSH, David, Patrick et al. / etc.; Apple-
yard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 290/04, 2/24, 279/02

(11) WO 2004/085503 (13) A1

(21) PCT/JP2004/003558

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-83118 25 Mar/mar 2003 JP (25.03.2003)

(30) 2004-22596 30 Jan/jan 2004 JP (30.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCTION OF RUBBER-REINFORCED COPOLYMERS

• PROCEDE DE PRODUCTION DE COPOLYMERES RENFORCES AU CAOUTCHOUC

(71) TOAGOSEI CO., LTD. [JP/JP]; 1-14-1, Nishi-Shimbashi, Minato-ku, Tokyo 105-8419 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUZAKI, Hideo [JP/JP]; c/o Toagosei Co., Ltd., 1-14-1, Nishi-shimbashi, Minato-ku, Tokyo 105-8419 (JP). KAAI, Michihiro [JP/JP]; c/o Toagosei Co., Ltd., 1-14-1, Nishi-shimbashi, Minato-ku, Tokyo 105-8419 (JP). TAKEI, Toshiaki [JP/JP]; c/o Toagosei Co., Ltd., 1-14-1, Nishi-shimbashi, Minato-ku, Tokyo 105-8419 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 297/04, C08L 53/02

(11) WO 2004/085504 (13) A1

(21) PCT/JP2004/003717

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-075467 19 Mar/mar 2003 JP (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LINEAR BLOCK COPOLYMER COMPOSITION

• COMPOSITION DE COPOLYMERES SEQUENCES LINEAIRES

(71) DENKIKAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008455 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURIMURA, Hiroyuki [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Chuo Kenkyusho, 5-1, Asahimachi 3-chome, Machida-shi, Tokyo, 1948560 (JP). WATANABE, Jun [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Chuo Kenkyusho, 5-1, Asahimachi 3-chome, Machida-shi, Tokyo, 1948560 (JP). ODA, Takeshi [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Chuo Kenkyusho, 5-1, Asahimachi 3-chome, Machida-shi, Tokyo, 1948560 (JP). SHIMIZU, Norihiro [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Chuo Kenkyusho, 5-1, Asahimachi 3-chome, Machida-shi, Tokyo, 1948560 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo, 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085505 (13) A2

(21) PCT/US2004/008847

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,472 24 Mar/mar 2003 US (24.03.2003)

(30) 60/456,952 25 Mar/mar 2003 US (25.03.2003)

(30) 60/518,892 10 Nov/nov 2003 US (10.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LONG ACTING BIOLOGICALLY ACTIVE CONJUGATES

• CONJUGUES ACTIFS SUR LE PLAN BIOLOGIQUE A ACTION PROLONGEE

(71) SEQUOIA PHARMACEUTICALS, INC. [US/US]; 401 Professional Drive, Suite 100, Gaithersburg, MD 20879 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVA, Abelardo [US/US]; 2933 Excelsior Spring Court, Ellicott City, MD 21042

(US). **ERICKSON, John, E.** [US/US]; 10833 Stanmore Drive, Potomac, MD 20854 (US). **EISSENSTAT, Michael** [US/US]; 8110 Claiborne Court, Frederick, MD 21702 (US). **AFONINA, Elena** [US/US]; 8004 Meadowview Drive, Frederick, MD 21702 (US). **GULNIK, Sergei** [US/US]; 8004 Meadowview Drive, Frederick, MD 21702 (US).

(74) **BOOTH, Paul, M.** et al. / etc.; Heller Ehrman White & McAuliffe LLP, 1666 K Street, N.W., Suite 300, Washington, DC 20006-1228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 12/32, 73/06

(11) WO 2004/085506 (13) A1

(21) PCT/EP2004/003178

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 478.1 26 Mar/mar 2003 DE (26.03.2003)

(30) 103 22 107.7 9 May/mai 2003 DE (09.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AMINOTRIAZINE CONDENSATION PRODUCT, USE OF AN AMINOTRIAZINE CONDENSATION PRODUCT AND METHOD FOR THE PRODUCTION OF AN AMINOTRIAZINE CONDENSATION PRODUCT

• PRODUIT DE CONDENSATION D'AMINOTRIAZINE, UTILISATION D'UN PRODUIT DE CONDENSATION D'AMINOTRIAZINE ET PROCEDE POUR PRODUIRE UN PRODUIT DE CONDENSATION D'AMINOTRIAZINE

(71) **AMI AGROLINZ MELAMINE INTERNATIONAL GMBH** [AT/AT]; St.-Peter-Strasse 25, A-4021 Linz (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FÜRST, Christian** [AT/AT]; Blütenstrasse 23/24, A-4040 Linz (AT). **SCHADENBÖCK, Michael** [AT/AT]; Lorch 1, A-4470 Enns (AT). **JOCHAM, Daniel** [AT/AT]; Bethlehemstrasse 50, A-4020 Linz (AT).

(74) **GROSS, Felix;** c/o Patentanwälte Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08G 18/00, 18/32, 18/65, C09D 175/04

(11) WO 2004/085507 (13) A1

(21) PCT/US2004/008643

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,754 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COATING COMPOSITION CONTAINING POLYTRIMETHYLENE ETHER DIOL USEFUL AS A CLEAR COAT COMPOSITION AND AS A PRIMER COMPOSITION

• COMPOSITION DE REVETEMENT CONTENANT UN POLYTRIMETHYLENE ETHER DIOL UTILISEE COMME COMPOSITION DE REVETEMENT TRANSPARENTE ET COMME COUCHE PRIMAIRE

(71) **E.I. DUPONT 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) **SORMANI, Patricia, Mary, Ellen** [US/US]; 21 Whitson Drive, Newark, DE 19702 (US). **SUNKARA, Hari, Babu** [US/US]; 3 Fritz Court, Hockessin, DE 19707 (US). **ONEIL, James, William** [US/US]; 4 Whitetail Drive, Chadds Ford, PA 19317 (US). **KURIAN, Joseph, V.** [US/US]; 209 Peoples Way, Hockessin, DE 19707 (US). **HUYNH-BA, Gia** [US/US]; 3940 Mill Creek Road, Hockessin, DE 19707 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08G 18/42, 18/10, A61L 27/46, 27/54

(11) WO 2004/085508 (13) A1

(21) PCT/US2004/008966

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,001 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS OF PERFORMING MEDICAL PROCEDURES WHICH PROMOTE BONE GROWTH, COMPOSITIONS WHICH PROMOTE BONE GROWTH, AND METHODS OF MAKING SUCH COMPOSITIONS

• PROCEDES DE REALISATION D'INTERVENTIONS MEDICALES FAVORISANT LA CROISSANCE OSSEUSE, COMPOSITION FAVORISANT LA CROISSANCE OSSEUSE, ET LEURS PROCEDES DE FABRICATION

(71) **DOCTOR'S RESEARCH GROUP, INC** [US/US]; 50 Altair Avenue, Plymouth, CT 06782 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESLAURIERS, Richard, J.** [US/US]; 87 Carmel Hill Road, Woodbury, CT 06798 (US). **POTASH, Robert, T.** [US/US]; 23 Glen Circle, Seymour, CT 06483 (US). **SENDJAREVIC, Aisa** [US/US]; 6284 Atkins Drive, Troy, MI 48085 (US).

(74) **MORROW, Thomas;** Baker Botts L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ C08G 18/48, C08J 9/14

(11) WO 2004/085509 (13) A1

(21) PCT/EP2004/003236

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03/03672 24 Mar/mar 2003 FR
(24.03.2003)

(30) 60/464,490 22 Apr/avr 2003 US
(22.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR THE MANUFACTURE OF FOAMS COMPOSED OF POLYURETHANE OR OF MODIFIED POLYURETHANE

• PROCEDE DE PRODUCTION DE MOUSSES COMPOSEES DE POLYURETHANE OU DE POLYURETHANE MODIFIE

(71) SOLVAY (SOCIÉTÉ ANONYME) [BE/BE]; Rue du Prince Albert, 33, B-1050 BRUXELLES (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOURNEL, Pierre [FR/BE]; RUE DU CORNET, 199, B-1040 BRUXELLES (BE). MATHIEU, Véronique [BE/BE]; VENELLE DES LAURIERS, 7, B-1300 WAVRE (BE).

(74) JACQUES, Philippe et al. / etc.; SOLVAY (Société Anonyme), Département de la Propriété Intellectuelle, Rue de Ransbeek, 310, B-1120 BRUXELLES (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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; (t) for the following designation / pour la désignation suivante :

US; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ C08G 59/18, C09J 163/02, C08L 63/02

(11) WO 2004/085510 (13) A1

(21) PCT/US2004/008934

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,511 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REACTIVE HOT MELT ADHESIVE FORMULATION FOR JOINING STAMPED METAL AND PLASTIC PARTS

• FORMULATION D'ADHESIF THERMOFUSIBLE REACTIF SERVANT A JOINDRE DES PARTIES METALLIQUES ET PLASTIQUES EMBOUTIES

(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) KYE, Jihong [US/US]; 5147 Greendale Drive, Troy, MI 48085 (US).

(74) HOFFMANN, Richard, W.; Warn, Burgess & Hoffman, PC, P.O. Box 70098, Rochester Hills, MI 48307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C08G 59/24, H01L 23/29

(11) WO 2004/085511 (13) A1

(21) PCT/JP2004/003105

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-083937 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-083938 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESIN COMPOSITION FOR SEALING SEMICONDUCTOR AND SEMICONDUCTOR DEVICE USING THE SAME

• COMPOSITION DE RESINE POUR SCELLER UN SEMI-CONDUCTEUR ET DISPOSITIF A SEMI-CONDUCTEURS L'UTILISANT

(71) SUMITOMO BAKELITE CO., LTD. [JP/JP]; 5-8, Higashi-Shinagawa, 2-chome Shinagawa-ku Tokyo, 1400002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UMENO, Kuniharu [JP/JP]; c/o Utsunomiya Plant, Sumitomo Bakelite Co., Ltd. 20-7, Kiyohara-Kogyodanchi Utsunomiya-shi Tochigi, 3213231 (JP). UEDA, Shigehisa [JP/JP]; c/o Utsunomiya Plant, Sumitomo Bakelite Co., Ltd. 20-7, Kiyohara-Kogyodanchi Utsunomiya-shi Tochigi, 3213231 (JP).

(74) HAYAMI, Shinji; Daikanyama TK Bldg. 1F 2-17-16, Ebisu-Nishi Shibuya-ku Tokyo, 1500021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 69/00, 69/04, 69/16

(11) WO 2004/085512 (13) A1

(21) PCT/EP2004/002875

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 13 681.9 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING POLYAMIDES

• PROCEDE DE PRODUCTION DE POLYAMIDES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEININGER, Jürgen [DE/DE]; Robert-Koch-Strasse 48, 68723 Osterheim (DE). DEMETER, Jürgen [DE/DE]; Bruderweg 25, 67069 Ludwigshafen (DE). KORY, Gad [IL/DE]; Bergstr. 11, 69251 Gaiberg (DE). SÖTJE, Oliver [DE/DE];

- Freiheitsplatz 13, 68199 Mannheim (DE). WINTERLING, Helmut [DE/DE]; Wittelsbachstr. 7, 67061 Ludwigshafen (DE). ZEHNER, Peter [DE/DE]; Erich-Kästner-Str. 15, 67071 Ludwigshafen (DE). HEEGER, Michael [DE/DE]; Dalbergstr. 20, 67071 Ludwigshafen (DE). GANN, Martin [DE/DE]; An der Quelle 6, 67251 Freinsheim (DE). POLT, Axel [AT/DE]; Danziger Platz 9, 67059 Ludwigshafen (DE). TREULING, Ulrich [DE/DE]; Melibokusstrasse 24, 64625 Bensheim (DE). WEINLE, Werner [DE/DE]; Friedrich-Ebert-Str. 4, 74177 Bad Friedrichshall (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 69/00, 69/04
- (11) WO 2004/085513 (13) A1
- (21) PCT/EP2004/002880
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) de (26) de
- (30) 103 13 682.7 26 Mar/mar 2003 DE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR PRODUCING POLYAMIDES
• PROCEDE DE PRODUCTION DE POLYAMIDES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEININGER, Jürgen [DE/DE]; Robert-Koch-Strasse 48, 68723 Ostersheim (DE). DEMETER, Jürgen [DE/DE]; Bruderweg 25, 67069 Ludwigshafen (DE). GRUBER, Freddy [DE/DE]; Schlesienstr. 7, 76877 Offenbach (DE). KORY, Gad [IL/DE]; Bergstr. 11, 69251 Gaiberg (DE). SÖTJE, Oliver [DE/DE]; Freiheitsplatz 13, 68199 Mannheim (DE). WINTERLING, Helmut [DE/DE]; Wittelsbachstr. 7, 67061 Ludwigshafen (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 C08G 75/00
- (11) WO 2004/085514 (13) A2
- (21) PCT/US2004/008601
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 10/395,919 24 Mar/mar 2003 US (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF MEASURING EXTENT OF CURING OF COMPACTED POLY(ARYLENE SULFIDE)
• PROCEDE DE MESURE DU DEGRE DE POLYMERISATION DE POLY(SULFURE D'ARYLENE) COMPACTE
- (71) CHEVRON PHILLIPS CHEMICAL COMPANY LP [US/US]; 10001 Six Pines Drive, The Woodlands, TX 77380 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) VIDAURRI, Fernando, C.; 5925 Martin Lane, Bartlesville, OK 74006 (US). SOUTH, Aubrey, Jr.; 4725 SE Lewis Dr., Bartlesville, OK 74006 (US). SOULES, David, A.; 1709 Jefferson Pl., Bartlesville, OK 74006 (US). FODOR, Jeffrey, S.; 209 Skycrest, Borger, TX 79007 (US).
- (74) WARDWELL, Stephanie, A.; Williams, Morgan & Amerson, 10333 Richmond, Suite 1100, Houston, TX 77042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 77/04, C07F 7/12, H01L 51/00, 29/786
- (11) WO 2004/085515 (13) A1
- (21) PCT/IB2004/000475
- (22) 25 Feb/fév 2004 (25.02.2004)
- (25) ja (26) ja
- (30) 2003-047746 25 Feb/fév 2003 JP (25.02.2003)
- (30) 2003-086257 26 Mar/mar 2003 JP (26.03.2003)
- (30) 2003-088680 27 Mar/mar 2003 JP (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FUNCTIONAL ORGANIC THIN FILM, ORGANIC THIN-FILM TRANSISTOR, PI-ELECTRON CONJUGATED MOLECULE-CONTAINING SILICON COMPOUND, AND METHODS OF FORMING THEM
• COUCHE MINCE ORGANIQUE FONCTIONNELLE, TRANSISTOR A COUCHE MINCE ORGANIQUE, COMPOSE DE SILICIUM CONTENANT UNE MOLECULE CONJUGUEE AUX ELECTRONS PI ET LEURS PROCEDES DE FORMATION
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HANATO, Hiroyuki [JP/JP]; 1-1-7-B106, Fujinokidai, Nara-shi, Nara 6310044 (JP). NAKAGAWA, Masatoshi [JP/JP]; 12-15-107, Daianji 6-chome, Nara-shi, Nara 6308133 (JP). TAMURA, Toshihiro [JP/JP]; 352-5, Miyako, Tawaramotocho, Shiki-gun, Nara 6360302 (JP).
- (74) NOGAWA, Shintaro; Minamimorimachi Park Bldg. 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C08G 77/458, 18/61, C09J 183/10, C09D 183/10, C08L 83/10
- (11) WO 2004/085516 (13) A1
- (21) PCT/EP2004/002532
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) de (26) de
- (30) 103 13 936.2 27 Mar/mar 2003 DE (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ORGANOPOLYSILOXANE/POLYUREA/POLYURETHANE BLOCK COPOLYMERS
• COPOLYMERS SEQUENCES ORGANOPOLYSILOXANE/POLYUREE/POLYURETHANE
- (71) CONSORTIUM FÜR ELEKTROCHEMISCHE INDUSTRIE GMBH [DE/DE]; Zielstattstr. 20, 81379 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHÄFER, Oliver [DE/DE]; Waldfriedhofstr. 12, 81377 München (DE). CELLEICH, Franz [AT/DE]; Ottobrunner Str. 11, 82008 Unterhaching (DE). DELICA,

Sabine [DE/DE]; Sonnwendjochstr. 72, 81825 München (DE). **KNEISSL, Andrea** [DE/DE]; Kleinstr.11, 81379 München (DE).

(74) **RIMBÖCK, Karl-Heinz** et al. / etc.; Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 77/458

(11) WO 2004/085517 (13) A1

(21) PCT/EP2004/002533

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 13 938.9 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE PRODUCTION OF ORGANOPOLYSILOXANE COPOLYMERS AND USE THEREOF

• PROCEDE POUR PRODUIRE DES COPOLYMERES ORGANOPOLYSILOXANE ET LEUR UTILISATION

(71) **CONSORTIUM FÜR ELEKTRO-CHEMISCHE INDUSTRIE GMBH** [DE/DE]; Zielstattstr. 20, 81379 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÄFER, Oliver** [DE/DE]; Waldfriedhofstr. 12, 81377 München (DE). **DELICA, Sabine** [DE/DE]; Sonnwendjochstr. 72, 81825 München (DE).

(74) **SCHUDERER, Michael** et al. / etc.; c/o Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 3/00, C08F 8/14, C09D 5/16

(11) WO 2004/085518 (13) A1

(21) PCT/EP2004/003257

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03251912.6 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS FOR THE PROTECTION OF ACID GROUPS IN POLYMERS

• PROCEDE PERMETTANT DE PROTEGER DES GROUPEES ACIDES DANS DES POLYMERES

(71) **SIGMAKALON SERVICES B.V.** [NL/NL]; Amsterdamseweg 14, NL-1422 AD Uithoorn (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILLARD, Michel** [BE/BE]; Rue Jean Froissart, 6/102, B-1348 Louvain-la-Neuve (BE). **VOS, Marcel** [NL/BE]; Rue Cheval Godet, 78, B-1400 Nivelles (BE). **PLEHIERS, Mark** [BE/BE]; Rue Le Corregge, 21, B-1000 Bruxelles (BE).

(74) **WALSH, David, Patrick** et al. / etc.; Appleyards Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 3/12, 3/02

(11) WO 2004/085519 (13) A1

(21) PCT/US2004/007115

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/395,416 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR HOMOGENIZING POLYOLEFIN DRAG REDUCING AGENTS

• PROCEDE VISANT A HOMOGENEISER DES AGENTS REDUCTEURS DE TRAINEE DE POLYOLEFINE

(71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **MOTIER, John, F.**; 3803 S. Orange Circle, Broken Arrow, TX 74011 (US). **CHOU, Lu-Chien**; 11430 S. Oxford Avenue, Sand Springs, OK 74063 (US). **TONG, Chee, Ling**; 2815 E. 97th Court, #1912, Tulsa, OK 74137 (US).

(74) **LITTLEFIELD, Stephen, A.**; Division Intellectual Property Counsel, Baker Petrolite Division, Baker Hughes Incorporate, d, 12645 West Airport Boulevard, Sugar Land, TX 77478 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C08J 3/215

(11) WO 2004/085520 (13) A1

(21) PCT/KR2003/000608

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION AND USAGE OF PHOTOCHROMIC RESIN MOLDED ARTICLES

• PRODUCTION ET UTILISATION D'ARTICLES MOULES EN RESINE PHOTOCHROMIQUE

(71) **SUN BOW CO., LTD.** [KR/KR]; 3rd floor., 601-69 Eungam-dong, Eunpyeong-gu, Seoul 121-010 (KR).

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(72, 75) **LIM, Jong-Soon** [KR/KR]; 1-1203, Yunhee Hanyang apt., 431 Bukgazar-dong, Seodaemun-gu, Seoul 120-765 (KR). **JUNG, Woo-Jun** [KR/KR]; 501 Boyoung-Artvill, 300-25 Mia-8dong, Gangbuk-gu, Seoul 142-814 (KR). **CHOI, Ji-Hyeon** [KR/KR]; 226-50 Mia-2dong, Gangbuk-gu, Seoul 142-812 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 5/08

(11) WO 2004/085521 (13) A1

(21) PCT/FI2004/000177

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fi (26) en

(30) 20030466 28 Mar/mar 2003 FI
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADHESIVE COMPOSITION
• COMPOSITION DE COLLE(71) BAKELITE OY [FI/FI]; Teollisuustie 20 B,
FI-82430_Puhos (FI).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RAINIO, Jouni [FI/FI]; c/o Bakelite Oy,
Teollisuustie 20 B, FI-82430_Puhos (FI).(74) PAPULA OY; P. O. Box 981,
FI-00101_Helsinki (FI).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁶ C08J 5/18, C08L 23/04

(11) WO 2004/085522 (13) A1

(21) PCT/JP1999/002659

(22) 20 May/mai 1999 (20.05.1999)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PACKAGING POLYETHYLENE FILM
• FILM EN POLYETHYLENE POUR EM-
BALLAGE(71, 72) NISHIMURA, Toshihiro [JP/JP]; c/o
MITSUI CHEMICALS INC., 3-banchi, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP). INOUE, Hiroshi [JP/JP]; c/o MIT-
SUI CHEMICALS INC., 3-banchi, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP). TAKEUCHI, Michio [JP/JP]; c/o
MITSUI CHEMICALS INC., 3-banchi, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP).(74) NAKAJIMA, Shigemitsu; Nichiyo Build-
ing 3F, 11-12, Kanda Mitoshiro-cho, Chi-
yoda-ku, Tokyo 101-0053 (JP).

(81) US.

Published / Publiée : (e): 30Jul/juil 2002
(30.07.2002), 6426384(51)⁷ C08J 7/00, C08L 9/00

(11) WO 2004/085523 (13) A1

(21) PCT/JP2004/003964

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-086775 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESIN MOLDING AND WORKED
ITEM THEREFROM• MOULAGE DE RESINE ET ARTICLE
TRAVAILLE OBTENU A PARTIR DE
CELUI-CI(71) JSR CORPORATION [JP/JP]; 6-10, Tsuk-
iji 5-chome, Chuo-ku, Tokyo 1048410 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) AOYAMA, Teruo [JP/JP]; c/o JSR Cor-
poration, 6-10, Tsukiji 5-chome, Chuo-ku,
Tokyo 1048410 (JP). FURUICHI, Minoru
[JP/JP]; c/o JSR Corporation, 6-10, Tsukiji
5-chome, Chuo-ku, Tokyo 1048410 (JP).(74) SHIRAI, Shigetaka; Yoshikawa Bldg. 3F,
2-5, Nishi-shinbashi 2-chome, Minato-ku,
Tokyo 1050003 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, B32B 27/36, G11B 5/73

(11) WO 2004/085524 (13) A1

(21) PCT/JP2004/003999

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082543 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTISTATIC LAYERED POLYESTER
FILM• FILM ANTISTATIQUE EN POLYESTER
A COUCHES MULTIPLES(71) TEIJIN DUPONT FILMS JAPAN LIM-
ITED [JP/JP]; 1-1, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 100-0011 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KITAZAWA, Satoshi [JP/JP]; c/o Teijin
DuPont Films Japan Limited, 1357, Mi-
namijo, Anpachi-cho, Anpachi-gun, Gifu
503-0123 (JP). KUBO, Koji [JP/JP]; c/o
Teijin DuPont Films Japan Limited, 1357,
Minamijo, Anpachi-cho, Anpachi-gun, Gifu
503-0123 (JP). ASADA, Takeshi [JP/JP]; c/o
Teijin DuPont Films Japan Limited, 1357,
Minamijo, Anpachi-cho, Anpachi-gun, Gifu
503-0123 (JP). WATANABE, Shigeyuki
[JP/JP]; c/o Teijin DuPont Films Japan
Limited 1357, Minamijo, Anpachi-cho An-
pachi-gun, Gifu 503-0123 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MGMK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/085525 (13) A1

(21) PCT/JP2004/003901

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080481 24 Mar/mar 2003 JP
(24.03.2003)(30) 2003-362146 22 Oct/oct 2003 JP
(22.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MICROPOROUS POLYETHYLENE
FILM• FILMEN POLYETHYLENE MICROPO-
REUX(71) ASAHI KASEI CHEMICALS CORPO-
RATION [JP/JP]; 1-2, Yurakucho 1-chome,
Chiyoda-ku, Tokyo, 1008440 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KONDO, Takahiko [JP/JP]; 161-3-807,
Idogayanakamachi, Minami-ku, Yoko-
hama-shi, Kanagawa, 2320052 (JP).
OHASHI, Masahiro [JP/JP]; 115-10, Oka-
cho, Moriyama-shi, Shiga, 5240032 (JP).
NISHIMURA, Yoshifumi [JP/JP]; 200-18,
Furutakacho, Moriyama-shi, Shiga, 5240044
(JP). HASEGAWA, Takuya [JP/JP]; 1-4-43,
Konan, Konan-ku, Yokohama-shi, Kana-
gawa, 2330003 (JP).(74) ASAMURA, Kiyoshi et al. / etc.; New
Ohtemachi Bldg. Room 331, 2-1, Ohtemachi
2-chome, Chiyoda-ku, Tokyo, 1000004 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, C08K 5/00, 5/34, 5/3467,
5/3492, 5/35

(11) WO 2004/085526 (13) A1

(21) PCT/US2004/008988

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,567 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROTECTIVE COATINGS FOR MICROPOROUS SHEETS

• REVETEMENTS DE PROTECTION POUR FEUILLES MICROPOREUSES

(71) PPG INDUSTRIES OHIO INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) REARICK, Brian K.; 1335 Parkview Drive, Allison Park, PA 15101 (US). PERRINE, M. Lisa; 410 Topaz Drive, Allison Park, PA 15101 (US).

(74) MEYERS, Diane R. et al. / etc.; PPG INDUSTRIES, INC., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) C08J 9/16, 9/232

(11) WO 2004/085527 (13) A1

(21) PCT/JP2004/003834

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-082990 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXPANDABLE RESIN BEADS OF STYRENE-MODIFIED, STRAIGHT-CHAIN, AND LOW-DENSITY POLYETHYLENE, PROCESS FOR THE PRODUCTION THEREOF, PRE-EXPANDED BEADS, AND FOAMS

• PERLES DE RESINE EXPANSIBLES CONSTITUEES D'UN POLYETHYLENE A MODIFICATION STYRENE, A CHAINE LINEAIRE ET A FAIBLE DENSITE, PROCEDE DE PRODUCTION DESDITES PERLES, PERLES PRE-EXPANSEES ET MOUSSES

(71) SEKISUI PLASTICS CO. LTD. [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMURA, Hideyasu, [JP/JP]; 4-1-14-203, Moriyama, Moriyama-shi, Shiga, 5240022 (JP). TSUTSUI, Yasutaka, [JP/JP]; 1259, Izumi, Minakuti-cho, Kouka-gun, Shiga, 5280056 (JP).

(74) NOGAWA, Shintaro; MINAMIMORIMACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/16, 9/232

(11) WO 2004/085528 (13) A1

(21) PCT/JP2004/003854

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-082973 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXPANDABLE RESIN BEADS OF STYRENE-MODIFIED, STRAIGHT-CHAIN, AND LOW-DENSITY POLYETHYLENE, PROCESS FOR PRODUCTION THEREOF, PRE-EXPANDED BEADS, AND FOAMS

• BILLES DE RESINE EXPANSIBLES DE POLYETHYLENE A FAIBLE DENSITE, A CHAINE DROITE ET A MODIFICATION STYRENIQUE, PROCEDE DE PRODUCTION DE CES BILLES, BILLES PRE-EXPANSEES ET MOUSSES

(71) SEKISUI PLASTICS CO., LTD. [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMURA, Hideyasu [JP/JP]; 4-1-14-203, Moriyama, Moriyama-shi, Shiga 5240022 (JP). TSUTSUI, Yasutaka [JP/JP]; 1259, Izumi, Minakuti-cho, Kouka-gun, Shiga 5280056 (JP).

(74) NOGAWA, Shintaro; Minamimorimachi Park Bldg., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K

(11) WO 2004/085529 (13) A2

(21) PCT/US2004/007886

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/393,123 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITE COMPOSITIONS WITH BARRIER PROPERTIES AND METHODS FOR THE PREPARATION THEREOF

• COMPOSITIONS COMPOSITES PRESENTANT DES PROPRIETES DE BARRIERE ET PROCEDES POUR LES PREPARER

(71) MICHIGAN STATE UNIVERSITY [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PINNAVAIA, Thomas, J.; 5901 Sleepy Hollow, East Lansing, MI 48823 (US). TRIANTAFYLIDIS, Konstantinos; 29 G. Drosini, GR-542 48 Thessaloniki (GR). LEBARON, Peter, C.; 1312 George St., Midland, MI 48640 (US).

(74) MCLEOD, Ian, C.; McLeod & Moyne, P.C., 2190 Commons Parkway, Okemos, MI 48864 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/16, 3/22, 9/02, C09C 1/00, C09D 17/00, B29D 19/00

(11) WO 2004/085530 (13) A1

(21) PCT/EP2004/002510

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 13 663.0 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGH-GLOSS NON-TOXIC NACREOUS PIGMENT PREPARATION

• PREPARATION DE PIGMENT A LUSTRE NACRE NON TOXIQUE ET TRES BRILLANTE

(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) EDLER, Gerhard [DE/DE]; Königstädter Strasse 24, 65468 Trebur (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08K 5/00 // (C08K 5/00, 5/00, 5:3435)

(11) WO 2004/085531 (13) A1

(21) PCT/IB2004/001021

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03006927.2 26 Mar/mar 2003 EP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • IMPROVED LONG TERM DIMENSIONAL STABILITY OF PIGMENTED POLYMER ARTICLES

- STABILITE DIMENSIONNELLE A LONG TERME AMELIOREE D'ARTICLES EN POLYMERES PIGMENTE

(71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, 4132 Muttentz 1 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRÖHNKE, Christoph [DE/DE]; Kleingasse 23, 79206 Breisach-Oberrimsingen (DE). DONGIOVANNI, Ernesto [FR/FR]; 2, rue du Gaschney, F-68330 Hombourg-Wihr (FR). SOURDRILLE, Rozenn [FR/FR]; 18 B, rue de la Mairie, F-68520 Burnhaupt le Bas (FR).

(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08K 5/00, 5/20

(11) WO 2004/085532 (13) A1

(21) PCT/US2004/007892

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/393,857 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PACKAGED POTABLE LIQUID WITH UV ABSORBER FOR REDUCED

OFF-TASTE FROM CLOSURE AND METHOD

- CONDITIONNEMENT POUR LIQUIDE POTABLE EQUIPE D'UN ABSORBEUR D'UV PERMETTANT DE REDUIRE LE MAUVAIS GOUT PROVENANT DU SYSTEME DE FERMETURE ET PROCEDE ASSOCIE

(71) THE COCA-COLA COMPANY [US/US]; Patents, One Coca-Cola Plaza, NW, Atlanta, GA 30313 (US).

(72) SHI, Yu; 620 Holyrood Way, Alpharetta, GA 30360 (US). LIU, Hsiao, Hua; 4716 Andalusia Trail, Atlanta, GA30360 (US). RULE, Mark; 2003 Royal Court, Atlanta, GA 30341 (US).

(74) PAPPAS, Peter, G. et al. / etc.; SUTHERLAND ASBILL & BRENNAN LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C08L 3/02

(11) WO 2004/085533 (13) A1

(21) PCT/EP2004/002534

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 13 939.7 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • USE OF POLYMERS FOR STARCH MODIFICATION

- UTILISATION DE POLYMERES DANS LA MODIFICATION DE L'AMIDON

(71) WACKER POLYMER SYSTEMS GMBH & CO. KG [DE/DE]; Johannes-Hess-Str. 24, 84489 Burghausen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSSEVELD, Henk [NL/NL]; Zwanenbloemlaan 4, NL-1562 SC Krommenie (NL). WIERER, Konrad, Alfons [DE/DE]; Heckenweg 2, 84489 Burghausen (DE). KOHLHAMMER, Klaus [DE/DE]; Seidl-Ainöder-Strasse 7, 84533 Markt (DE).

(74) SCHUDERER, Michael et al. / etc.; c/o Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 23/02, 23/10, C08K 3/34 // (C08L 23/02, 23:30)

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(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/457,728 26 Mar/mar 2003 US
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • POLYOLEFIN NANOCOMPOSITE COMPOSITIONS

- COMPOSITIONS NANOCOMPOSITES A BASE DE POLYOLEFINE

(71) BASELL POLIOLEFINE ITALIA S.P.A. [IT/IT]; Via Pergolesi, 25, I-20124 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANG, Vu, A. [US/US]; 102 Veronica Lane, Bear, DE 19701 (US). PELLEGATTI, Giampaolo [IT/IT]; Via Ca Nove, 4, I-44032 Baura (IT). PHAN, Tam, T. M. [US/US]; 102 Veronica Lane, Bear, DE 19701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 33/14, 29/14, C09D 133/14, 129/14

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(21) PCT/US2004/008483

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/456,476 21 Mar/mar 2003 US
(21.03.2003)

(30) 10/775,577 9 Feb/fév 2004 US
(09.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ACETOACETYLATED POLYVINYL POLYMERS AND CURABLE COATING COMPOSITIONS MADE THEREFROM

• POLYMERES POLYVINYLQUES ACETO-ACETYLES ET COMPOSITIONS DE REVETEMENT DURCIS- SABLE A BASE DE CEUX-CI

(71) E.I. DUPONT 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) PELOSI, Lorenzo, Fred [US/US]; 4900 Old Hill Road, Wilmington, DE 19807 (US).
SORMANI, Patricia, Mary, Ellen [US/US]; 21 Whitson Drive, Newark, DE 19702 (US).

(74) DESMUKH, Sudhir, G.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 65/00, C09K 11/06, H05B 33/14

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(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-084771 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPLEX COMPOSITION, POLYMER COMPLEX COMPOUND, AND POLY- MERIC LUMINESCENT ELEMENT
• COMPOSITION COMPLEXE, COM- POSE DE COMPLEXE A BASE DE POLYMERE, ET ELEMENT LUMINES- CENT A BASE DE POLYMERE

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIKAMI, Satoshi [JP/JP]; 2-13-1-5-302, Umezono, Tsukuba-shi, Ibaraki 3050045 (JP). YOKOYAMA, Masaaki [JP/JP]; 10-9, Kayandonishi-machi, Nishinomiya-shi, Hyogo 6620098 (JP). KAWAMURA, Yuichiro [JP/JP]; 6-3-9-613, Chiyoda-cho, Chitose-shi, Hokkaido 0660062 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/5313, D01F 6/92, 6/90, 1/07, C08J 5/00 // C08L 101:00

(11) WO 2004/085537 (13) A1

(21) PCT/JP2004/004037

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083408 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLAME RESISTANT SYNTHETIC RESIN COMPOSITION

• COMPOSITION DE RESINE SYNTHETIQUE RETARDATRICE DE FLAMME

(71) SANKO CO., LTD. [JP/JP]; 8-16, Tohri-machi, Kurume-shi, Fukuoka 8300018 (JP). NICCA CHEMICAL CO., LTD. [JP/JP]; 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 9108670 (JP).
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(72, 75) KISHIMOTO, Daishiro [JP/JP]; c/o SANKO CO., LTD., 10-24, Itukaichi 1-chome, Ibaraki-shi, Osaka 5670005 (JP). MAKINO, Toru [JP/JP]; c/o NICCA CHEMICAL CO., LTD., 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 9108670 (JP). OKUMURA, Katsuya [JP/JP]; c/o NICCA CHEMICAL CO., LTD., 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 9108670 (JP). UCHIDA, Juji [JP/JP]; c/o NICCA CHEMICAL CO., LTD., 23-1, Bunkyo 4-chome, Fukui-shi, Fukui 9108670 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 79/04

(11) WO 2004/085538 (13) A1

(21) PCT/JP2004/004146

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-086295 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESIN COMPOSITION AND TRANS- PARENT FORMED ARTICLE

• COMPOSITION DE RESINE ET AR- TICLE TRANSPARENT FAÇONNE COMPRENANT UNE TELLE RESINE

(71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAWAGUCHI, Taichi [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome Chiyoda-ku, Tokyo, 1008323 (JP).

(74) MAEDA, Hitoshi et al. / etc.; Maeda & Nishide 2F, Kiriya Bldg., 1-1 Saru- gaku-cho 2-chome, Chiyoda-ku, Tokyo, 1010064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/085539 (13) A2

(21) PCT/US2004/007833

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/394,108 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYANINE DYE LABELLING REAGENTS WITH MESO-SUBSTI- TUTION

• REACTIFS DE MARQUAGE CONSTI- TUES DE COLORANTS DE CYANINE A MESO-SUBSTITUTION

(71) AMERSHAM BIOSCIENCES CORP [US/US]; 800 Centennial Avenue, Piscat- away, NJ 08855 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Chung-Yuan [US/US]; 54 Maplehurst Lane, Piscataway, NJ 08854

(US). KUMAR, Shiv [US/US]; 21 Muirhead Court, Belle Mead, NJ 08502 (US).

(74) RONNING, Royal, N., Jr. et al. / etc.; Amersham Biosciences Corp., 800 Centennial Avenue, Piscataway, NJ 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/32

(11) WO 2004/085540 (13) A1

(21) PCT/EP2004/050308

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 2003 0515/03 25 Mar/mar 2003 CH (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MONOAZOQUINOLONE PIGMENTS, PROCESS FOR THEIR PREPARATION AND THEIR USE

• PIGMENTS DE MONOAZOQUINOLONE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION

(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENKHOFF, Johannes [DE/CH]; Schäferweg 29, CH-4057 Basel (CH). WAL-LQUIST, Olof [SE/CH]; Spechtstrasse 34, CH-4106 Therwil (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-80072 24 Mar/mar 2003 JP (24.03.2003)

(30) 2003-90485 28 Mar/mar 2003 JP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYAN DYE FOR INK-JET

• COLORANT CYAN POUR JETS D'ENCRE

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJII, Takafumi [JP/JP]; c/o Nippon Kayaku Kabushiki, Kaisha Functional Chemicals, Research Laboratories, 3-26-8, Shimo, Kita-ku, Tokyo 115-0042 (JP). KITAYAMA, Hirokazu [JP/JP]; c/o Nippon Kayaku Kabushiki, Kaisha Functional Chemicals, Research Laboratories, 3-26-8, Shimo, Kita-ku, Tokyo 115-0042 (JP). NAMBA, Shinichi [JP/JP]; c/o Nippon Kayaku Kabushiki, Kaisha Functional Chemicals, Research Laboratories, 3-26-8, Shimo, Kita-ku, Tokyo 115-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 57/00

(11) WO 2004/085542 (13) A1

(21) PCT/EP2004/001799

(22) 24 Feb/fév 2004 (24.02.2004)

(25) de (26) de

(30) 103 13 701.7 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HETEROCYCLIC DYES BASED ON BENZODIPYRROLES

• COLORANT HETEROCYCLIQUE A BASE DE BENZODIPYRROLES

(71) CLARIANT GMBH [DE/DE]; Brün- ingstrasse 50, 65929 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HECKMANN, Heino [DE/DE]; Alt-Niederhofheim 65, 65835 Liederbach (DE). WEISS, Andre [DE/DE]; Mörfelder Landstrasse 193, 60598 Frankfurt am Main (DE).

(74) HÜTTER, Klaus et al. / etc.; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 57/10, C09K 11/06, C09D 185/00, 1/00, 7/12, H05B 33/14, C03C 17/32

(11) WO 2004/085543 (13) A1

(21) PCT/JP2004/003610

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-085688 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORGANIC/INORGANIC HYBRID MATERIAL, COMPOSITION FOR SYNTHESIZING THE SAME AND PROCESS FOR PRODUCING THE HYBRID MATERIAL

• MATERIAU HYBRIDE ORGANIQUE/INORGANIQUE, COMPOSITION PERMETTANT DE SYNTHETISER CE MATERIAU ET PROCESSUS DE PRODUCTION DE CE MATERIAU HYBRIDE

(71) SEMICONDUCTOR ENERGY LABORATORY CO. LTD. [JP/JP]; 398, Hase Atsugi-shi., Kanagawa, 2430036 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEO, Satoshi [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). NAKASHIMA, Harue [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). NOMURA, Ryoji [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 61/00, 67/22, A61K 7/02

(11) WO 2004/085544 (13) A1

(21) PCT/JP2004/003114

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-86668 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COLORING IMPROVING AGENT
• AMELIORANT DE COULEURS(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) SHIMOYAMA, Susumu [JP/JP]; 5-6,
Higashi-Furumatsu 4-chome, Okayama-shi,
Okayama 700-0921 (JP). SHIMOYAMA,
Yasuko [JP/JP]; 5-6, Higashi-Furumatsu
4-chome, Okayama-shi, Okayama 700-0921
(JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 62/513, 62/04

(11) WO 2004/085545 (13) A1

(21) PCT/EP2004/050314

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03405210.0 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FIBRE-REACTIVE AZO DYES, THEIR
PREPARATION AND THEIR USE• COLORANTS AZOÏQUES REACTIFS,
LEUR PRÉPARATION ET LEUR UTILI-
SATION(71) CIBA SPECIALTY CHEMICALS
HOLDING INC. [CH/CH]; Klybeckstrasse
141, CH-4057 Basel (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) TZIKAS, Athanassios [CH/CH]; Un-
terer Rütshetenweg 36, CH-4133 Pratteln
(CH). ROENTGEN, Georg [DE/DE];
Pochgasse 13, 79104 Freiburg (DE).(74) CIBA SPECIALTY CHEMICALS
HOLDING INC.; Patent Department, Kly-
beckstrasse 141, CH-4057 Basel (CH).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
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(21) PCT/AU2004/000370

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003901361 25 Mar/mar 2003 AU
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF ENHANCING FLUORES-
CENCE• PROCÉDE D'AMELIORATION DE
FLUORESCENCE(71) FLUOROTECHNICS PTY LIMITED
[AU/AU]; R257, Building E8C, Macquarie
University, North Ryde, NSW 2109 (AU).
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les États désignés sauf US)*(72, 75) MACKINTOSH, James, Alexander
[AU/AU]; 18 Gilgandra Avenue, Thornleigh,
NSW 2120 (AU). VEAL, Duncan, Adam
[GB/AU]; 70 Finlay Road, Turrumura, NSW
2074 (AU). KARUSO, Peter, Helmut
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2121 (AU). COGHLAN, Daniel, Richard
[AU/AU]; 6/130 Hampden Road, Abbots-
ford, NSW 2046 (AU). CHOI, Hung-Yoon
[AU/AU]; 52/127 Park Road, Rydalmere,
NSW 2116 (AU).(74) SHELSTON IP; 60 Margaret Street, Sydney
NSW 2000 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ C09B 69/10

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(21) PCT/CH2004/000177

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03 405 207.6 26 Mar/mar 2003 EP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POLYMERIZABLE DICHROIC AZO
DYES• COLORANTS AZOÏQUES DI-
CHROÏQUES POLYMERISABLES(71) ROLIC AG [CH/CH]; Chamerstrasse 50,
CH-6301 Zug (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PEGLOW, Thomas [DE/DE]; Feld-
bergstrasse 8, 79539 Lörrach (DE).
CHERKAOUI, Zoubair, Mohammed
[MA/CH]; Allmendstrasse 2, CH-4123
Allschwil (CH). MOIA, Franco [IT/CH];
Eggstrasse 24A, CH-4402 Frenkendorf (CH).
SCHWAB, Mario [DE/DE]; Jägerstrasse 8,
79108 Freiburg (DE).(74) CARREIRA, Andrea; Isler & Pedrazzi-
ni AG, Gotthardstrasse 53, Postfach 6940,
CH-8023 Zürich (CH).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/085548 (13) A2

(21) PCT/EP2004/001646

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 60/458,201 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIQUID COLORING SUSPENSION
• SUSPENSION COLORANTE LIQUIDE(71) CONSTRUCTION RESEARCH &
TECHNOLOGY GMBH [DE/DE]; Patente,
Marken, Dr. Albert-Frank-Str. 32, 83308
Trostberg (DE).(72) DULZER, Nancy, A.; 1015 Hanley Road,
Lyndhurst, OH 44124 (US). MATRICIAN,
Jeffery, L.; 10552 Mayfield Road, Chester-
land, OH 44026 (US). WILD, Martin, E.;
169 Cedar Cliff Road, Monroe, NY 10950
(US).(74) CONSTRUCTION RESEARCH &
TECHNOLOGY GMBH; Patente, Marken,
Dr. Albert-Frank-Str. 32, 83308 Trostberg
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT 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 4/00

(11) WO 2004/085549 (13) A2

(21) PCT/US2004/008225

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/455,820 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL QUALITY COATING

• REVÊTEMENT DE QUALITÉ OPTIQUE

(71) OMNOVA SOLUTIONS INC. [US/US]; 175 Ghent Road, Fairlawn, OH 44333-3300 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCBAIN, Douglas [US/US]; 233 Fixler Road, Wadsworth, OH 44281 (US).

(74) BURLESON, David et al. / etc.; OMNOVA Solutions Inc., Legal Department, 175 Ghent Road, Fairlawn, OH 44333-3300 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 5/03, 163/00

(11) WO 2004/085550 (13) A2

(21) PCT/EP2004/003001

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 103 13 555.3 26 Mar/mar 2003 DE (26.03.2003)

(30) 103 13 556.1 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWDER COATING AND PROCESS FOR THE PREPARATION OF THIN LAYERS IN THE MANUFACTURE OF PRINTED CIRCUIT BOARDS

• REVÊTEMENT EN POUDRE ET PROCÉDE DE PRÉPARATION DE COUCHES MINCES DANS LA FABRICATION DE CARTES A CIRCUITS IMPRIMÉS

(71) ATOTECH DEUTSCHLAND GMBH [DE/DE]; Erasmusstrasse 20, 10553 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICKERT, Christoph [CH/CH]; Hauptstrasse 130, CH-4153 Reinach (CH).

KRESS, Jürgen [DE/CH]; Colmarer Strasse 31, CH-4055 Basel (CH). CICHETTI, Sandro [CH/CH]; Sonnenplatz 4, CH-4312 Magden (CH).

(74) ALBRECHT, Thomas; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (GE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 5/08, 163/00, 163/02, 175/04, C23F 11/167, 11/173, 11/18

(11) WO 2004/085551 (13) A1

(21) PCT/AU2004/000314

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 2003901149 13 Mar/mar 2003 AU (13.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CORROSION INHIBITING COATING

• REVÊTEMENT INHIBITEUR DE CORROSION

(71) MONASH UNIVERSITY [AU/AU]; Wellington Road, Clayton, Victoria 3800 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEACON, Glen [AU/AU]; 63 Beddoe Avenue, Clayton, Victoria 3168 (AU). FORSYTH, Craig [AU/AU]; 6/3 Cameron Street, Clayton, Victoria 3168 (AU). FORSYTH, Maria [AU/AU]; 17 Dunlop Street, Ashburton, Victoria 3147 (AU). HO, Daniel [AU/AU]; 55 Kalinda Road, Ringwood North, Victoria 3134 (AU).

(74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 5/16, 5/10

(11) WO 2004/085552 (13) A1

(21) PCT/EP2004/003322

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 14 201.0 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BIOLOGICALLY COMPATIBLE AGENT FOR PREVENTING FOULING BY SWEET WATER ORGANISMS OR SEAWATER ORGANISMS

• PRODUIT A COMPATIBILITE BIOLOGIQUE PERMETTANT D'EMPECHER UNE SALISSURE PAR DES ORGANISMES D'EAU DOUCE OU D'EAU DE MER

(71, 72) SCHÖNHERR, Andreas [DE/DE]; Kestenzeile 24, 12349 Berlin (DE).

(74) KRAUSS, Jan, B. et al. / etc.; Boehmert & Boehmert, Pettenkoferstrasse 20-22, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 11/00, 131/04, 133/04, 139/00, 201/00, D06M 15/333, D06P 1/52

(11) WO 2004/085553 (13) A1

(21) PCT/JP2004/004283

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086634 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COLORING COMPOSITION AND COATING COMPOSITION

• COMPOSITION DE COLORATION ET COMPOSITION DE REVÊTEMENT

(71) DENENCHOFU ROMAN CO., LTD. [JP/JP]; 48-16, Denenchofu 2-chome, Ota-ku, Tokyo 1450071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Kazue [JP/JP]; 48-16, Denenchofu 2-chome, Ota-ku, Tokyo 1450071 (JP).

(74) NISHIOKA, Kuniaki; c/o Koike & Nishioka Patent Office, 1001, 20-Sankyo Building, 11-5, Iidabashi 3-chome, Chiyoda-ku, Tokyo 1020072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/02, B41M 7/00
- (11) WO 2004/085554 (13) A1
- (21) PCT/ES2004/000111
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) es (26) es
- (30) P200300676 24 Mar/mar 2003 ES (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF A DIGITAL PRINTING INK AND PRODUCT THUS PRODUCED
- PROCEDE DE FABRICATION D'UNE ENCRE D'IMPRESSION NUMERIQUE ET PRODUIT AINSI OBTENU
- (71) CHIMIGRAF IBÉRICA SL [ES/ES]; Pol. Ind. Can Jardí, Carcassí 6-8, 08191 RUBÍ (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LÓPEZ MUÑOZ, Antonio [ES/ES]; Pol. Ind. Can Jardí, Carcassí 6-8, 08191 RUBÍ (ES).
- (74) MANRESA VAL, Manuel et al. / etc.; MANUEL DE RAFAEL Y CIA, SL, RAMBLA CATALUNYA 32, 08007 BARCELONA (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 C09D 17/00
- (11) WO 2004/085555 (13) A2
- (21) PCT/EP2004/003079
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) de (26) de
- (30) 10313630.4 26 Mar/mar 2003 DE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • VITREOUS PRINTING BY MEANS OF A SILKSCREEN PROCESS
- IMPRESSION DE TYPE VITREUX PAR SERIGRAPHIE
- (71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str.

- 34, 81739 München (DE). INOMAT GMBH [DE/DE]; Böckweilerstr. 8, 66440 Blieskastel (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JÖRDENS, Frank [DE/DE]; Gamskoglstr. 2, 83278 Traunstein (DE). SCHMIDMAYER, Gerhard [DE/DE]; Dorfstr. 25, 83093 Bad Endorf (DE). VON LÖSCHNER, Detlev [DE/DE]; Rauschbergweg 1, 83349 Palling (DE). KALLEDER, Axel [DE/DE]; Böckweilerstr. 8, 66440 Blieskastel (DE).
- (74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 125/14, 133/06, 175/04, 167/06, C08K 3/22
- (11) WO 2004/085556 (13) A1
- (21) PCT/GB2004/001227
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 0307246.9 28 Mar/mar 2003 GB (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • AQUEOUS PIGMENTED COATING COMPOSITION WITH IMPROVED OPEN TIME COMPRISING CROSSLINKABLE OLIGOMER(S) AND DISPERSED POLYMER(S)
- COMPOSITION DE REVETEMENT AQUEUSE PIGMENTEE A TEMPS OUVERT AMELIORE, COMPRENANT UN OU PLUSIEURS OLIGOMERES RETICULABLES ET POLYMERES DISPERSES
- (71) AVECIA BV [NL/NL]; Sluisweg 12, PO Box 123, NL-5140 AC Waalwijk (NL).
(for all designated States except / pour tous les États désignés sauf MN US)
- (71) AVECIA LIMITED [GB/GB]; PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).
(only for / seulement pour MN)
- (72, 75) TENNEBROEK, Ronald [NL/NL]; Sluisweg 12, PO Box 123, NL-5140 AC Waalwijk (NL). NABUURS, Tijs [NL/NL]; Sluisweg 12, PO Box 123, NL-5140 AC Waalwijk (NL). OVERBEEK, Gerardus, Cornelis [NL/NL]; Sluisweg 12, PO Box 123, NL-5140 AC Waalwijk (NL). BOUMAN, Jan [NL/NL]; Sluisweg 12, PO Box 123, NL-5140 AC Waalwijk (NL).
- (74) SCHMITT, Maja et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 127/12
- (11) WO 2004/085557 (13) A1
- (21) PCT/EP2004/000865
- (22) 31 Jan/jan 2004 (31.01.2004)
- (25) de (26) de
- (30) 103 13 398.4 25 Mar/mar 2003 DE (25.03.2003)
- (30) 103 13 966.4 27 Mar/mar 2003 DE (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR INCREASING THE CORROSION RESISTANCE OF TUBES AND TUBES PRODUCED ACCORDING TO SAID METHOD
- PROCEDE D'ELEVATION DE LA RESISTANCE A LA CORROSION DE TUBES, ET TUBES PRODUITS SELON CE PROCEDE
- (71) AHC OBERFLÄCHENTECHNIK GmbH & Co. oHG [DE/DE]; Boelckestrasse 25-27, 50171 Kerpen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KURZE, Peter [DE/DE]; Lagerstrasse 10, 52385 Nideggen (DE). BANERJEE, Dora [DE/DE]; Regengasse 10, 50171 Kerpen (DE). KOHLER, Marco [DE/DE]; Am Kottengrover Maar 116, 53913 Swisttal (DE). KRÜGER, Ulrike [DE/DE]; Hindenmithstrasse 5, 50170 Kerpen (DE).
- (74) GESTHUYSEN, von ROHR & EGGERT; Huyssenallee 100, 45128 Essen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 133/00
- (11) WO 2004/085558 (13) A1
- (21) PCT/US2004/008644

- (22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 60/456,756 21 Mar/mar 2003 US (21.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • POLYTRIMETHYLENE ETHER DIOL CONTAINING COATING COMPOSITIONS
• COMPOSITIONS DE REVETEMENT A BASE DE DIOL D'ETHER DE POLYTRIMETHYLENE
(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SUNKARA, Hari, Babu [US/US]; 3 Fritz Court, Hockessin, Delaware 19707 (US). SORMANI, Patricia, Mary, Ellen [US/US]; 21Whitson Drive, Newark, Delaware 19702 (US). ONEIL, James, William [US/US]; 4 Whitetail Drive, Chadds Ford, Pennsylvania 19317 (US). KURIAN, Joseph, V. [US/US]; 209 Peoples Way, Hockessin, Delaware 19707 (US).
(74) BENJAMIN, Steven, C.; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 167/00
(11) WO 2004/085559 (13) A1
(21) PCT/EP2004/002818
(22) 18 Mar/mar 2004 (18.03.2004)
(25) de (26) de
(30) 103 13 034.9 24 Mar/mar 2003 DE (24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • THERMALLY CURABLE POWDER-COATING COMPOSITION
• COMPOSITION DE REVETEMENT PULVERULENTE THERMODURCISABLE
(71) EMS-CHEMIE AG [CH/CH]; Reichenauerstrasse, CH-7013 Domat/Ems (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DAUM, Ulrich [DE/CH]; Chöpfliweg 17, CH-4114 Hofstetten (CH). GUIDA,

- Ronald [US/CH]; Via Nova 34, CH-7013 Domat/Ems (CH).
(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 80336 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) C09D 183/10, C08G 77/42

- (11) WO 2004/085560 (13) A1
(21) PCT/EP2004/003258
(22) 26 Mar/mar 2004 (26.03.2004)
(25) en (26) en
(30) 03251907.6 26 Mar/mar 2003 EP (26.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PROCESS FOR THE PREPARATION OF POLY(SILYL ESTER)S, AND THEIR USES
• PROCEDE DE PREPARATION D'ESTER(S) DE POLYSILYLE ET UTILISATION DE CEUX-CI
(71) SIGMAKALON SERVICES B.V. [NL/NL]; Amsterdamseweg 14, NL-1422 AD Uithoorn (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) VOS, Marcel [NL/BE]; Rue Cheval Godet, 78, B-1400 Nivelles (BE). PLEHIERS, Mark [BE/BE]; Rue Le Corrége 21, B-1000 Bruxelles (BE). GILLARD, Michel [BE/BE]; Rue Jean Froissart, 6/102, B-1348 Louvain-la-Neuve (BE).
(74) NEILL, Alistair, William et al. / etc.; Appleby Lees, 15 Clare Road., Halifax, HX1 2HY (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C09J 7/00
(11) WO 2004/085561 (13) A2
(21) PCT/US2004/007550
(22) 11 Mar/mar 2004 (11.03.2004)
(25) en (26) en
(30) 60/456,447 21 Mar/mar 2003 US (21.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • LOW-ADEHSION COMPOSITION
• COMPOSITION FAIBLEMENT ADHESIVE
(71) OMNOVA SOLUTIONS INC. [US/US]; Legal Department, 175 Ghent Road, Fairlawn, OH 44333-3300 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HARPER, Douglas [US/US]; 319 Shareditch Road, Columbia, SC 29210 (US). RIGHETTINI, Robin [US/US]; 166 York Street, Chester, SC 29706 (US).
(74) BURLESON, David et al. / etc.; Omnova Solutions Inc., Legal Department, 175 Ghent Road, Fairlawn, OH 44333-3300 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C09J 7/00
(11) WO 2004/085561 (13) A2
(21) PCT/US2004/007550

- (51)⁷ C09J 7/02, G02B 5/30
(11) WO 2004/085562 (13) A1
(21) PCT/JP2004/004119
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-081869 25 Mar/mar 2003 JP (25.03.2003)
(30) 2003-127722 6 May/mai 2003 JP (06.05.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • RELEASING FILM FOR PROTECTIVE FILM FOR SURFACE OF OPTICAL MEMBER
• FILMDETACHABLE POUR FILM PROTECTEUR DE SURFACE D'ELEMENT OPTIQUE
(71) MITSUBISHI POLYESTER FILM CORPORATION [JP/JP]; 2-3, Shiba 4-chome, Minato-ku, Tokyo, 1080014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OONO, Ken [JP/JP]; c/o CENTRAL RESEARCH LABORATORY, MITSUBISHI POLYESTER FILM CORPORATION, 347, Inokuchi, Santo-cho, Sakata-gun Shiga, 5210234 (JP).
(74) OKADA, Kazuhiko.; Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-Kita 1-chome, Chiyoda-ku Tokyo, 1020073 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 151/06

(11) WO 2004/085563 (13) A1

(21) PCT/US2004/007271

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 60/456,393 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ADHESIVE COMPOSITIONS AND
METHOD FOR SELECTION THEREOF
• COMPOSITIONS ADHESIVES ET PRO-
CEDE DE SELECTION CORRESPON-
DANT

(71) EXXONMOBIL CHEMICAL PATENTS
INC. [US/US]; 5200 Bayway Drive, Bay-
town, TX 77520-2101 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEWTAS, Kenneth [GB/BE]; Sterre-
beeklaan 79, B-3080 Tervuren (BE). BONS,
Antonie, Jan [NL/BE]; Edeldangerslaan 1,
B-3010 Kessel-Lo (BE). STUYVER, Johan
[BE/BE]; Brusselbaan 190A, B-9320 Erem-
bodegem (BE).

(74) ARECHEDERRA, Leandro; ExxonMobil
Chemical Company, P.O. Box 2149, Bay-
town, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR

GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT 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 163/00, C08G 59/00, 59/18, 59/50,
C08L 63/00

(11) WO 2004/085564 (13) A1

(21) PCT/US2004/008917

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,783 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • TWO-COMPONENT EPOXY ADHE-
SIVE COMPOSITION COMPRISING
FLEXIBILIZERS
• COMPOSITION ADHESIVE EPOXYDE
A DEUX COMPOSANTS CONTENANT
DES PLASTIFIANTS

(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) KYE, Jihong [US/US]; 5147 Greendale
Drive, Troy, MI 48085 (US).

(74) HOFFMANN, Richard, W.; Warn, Burgess
& Hoffmann, P.C., P.O. Box 70098, Rochester
Hills, MI 48307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR

GB GR HU IE IT LU MC NL PL 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 C09J 201/00, 123/22, 175/04, C08G 18/10,
18/28, C03C 27/10, C09K 3/10

(11) WO 2004/085565 (13) A1

(21) PCT/EP2004/004019

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03290796.6 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SINGLE COMPONENT, CHEMICALLY
CURING WARM APPLIED SEALANT
FOR DURABLE INSULATING GLAZ-
ING UNITS

- MASTIC A COMPOSANT UNIQUE AP-
PLIQUE A CHAUD A DURCISSEMENT
CHIMIQUE DESTINE AUX UNITES DE
VITRAGE A ISOLATION DURABLE

(71) LE JOINT FRANCAIS [FR/FR]; 2 rue
Balzac, F-75008 PARIS (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BURKHARDT, Volker [DE/DE];
Maintstrasse 46, 64546 MOERFELDEN-
WALLDORF (DE). REICHARDT, Ruedi-
ger [DE/DE]; Lessingstrasse 22, 64625
BENSHEIM (DE).

(74) CORIZZI, Valérie 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09K 5/20, C23F 11/10, 11/08

(11) WO 2004/085566 (13) A1

(21) PCT/EP2004/003108

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 280.5 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ANTIFREEZE CONCENTRATES AND
COOLANT COMPOSITIONS BASED
ON POLYGLYCOLS AND AMIDES
FOR PROTECTING MAGNESIUM
AND THE ALLOYS THEREOF

- CONCENTRES D'ANTIGEL ET COM-
POSITIONS REFRIGERANTES A BASE
DE POLYGLYCOLS ET D'AMIDES

POUR PROTEGER LE MAGNESIUM
ET SES ALLIAGES

(71) **BASF AKTIENGESELLSCHAFT**
[DE/DE]; ., 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **WENDEROTH, Bernd** [DE/DE];
Sulzbacher Str. 13, 69488 Birkenau (DE).
DAMBACH, Stefan [DE/DE]; Kaiserpfad
10a, 67454 Hassloch (DE). **WEISS,
Gerhard** [DE/DE]; Bürgerstr. 6a, 67063
Ludwigshafen (DE).

(74) **HÖRSCHLER, Wolfram J.**; Isen-
bruck Bösl Hörschler Wichmann Huhn
Theodor-Heuss-Anlage 12, 68165 Mannheim
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/00

(11) **WO 2004/085567** (13) A2

(21) PCT/US2004/006526

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) en (26) en

(30) 60/452,332 **5 Mar/mar 2003** US
(05.03.2003)

(30) 60/502,781 **12 Sep/sep 2003** US
(12.09.2003)

(30) 60/531,463 **19 Dec/déc 2003** US
(19.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **ELECTROCHROMIC MIRRORS AND
OTHER ELECTROOPTIC DEVICES**

• **MIROIRS ELECTROCHROMIQUES ET
AUTRES DISPOSITIFS ELECTRO-OP-
TIQUES**

(71) **ELECTROCHROMIX, INC** [US/US];
4541 E. Ft. Lowell, Tucson, AZ 85712 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **AGRAWAL, Anoop** [US/US]; 4417 E.
Cerrada Del Charro, Tucson, AZ 85718 (US).
TONAZZI, Juan, Carlos, Lopez [US/US];
6400 Montrose Drive, Tucson, AZ 85741
(US). **LECOMPTE, Robert, S.** [US/US];
6961 E. Acoma Place, Tucson, AZ 85715
(US). **CRONIN, John, P.** [US/US]; 4545 N.
Osage Drive, Tucson, AZ 85718 (US).

(74) **OREMLAND, Lawrence, R.**; Lawrence R.
Oremland, P.C., 5055 E. Broadway Blvd.,
Suite C-214, Tucson, AZ 85711 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/00

(11) **WO 2004/085568** (13) A2

(21) PCT/US2004/007874

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 10/393,174 **20 Mar/mar 2003** US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **PHOTOCHROMIC ARTICLES WITH
REDUCED TEMPERATURE DEPEND-
ENCY AND METHODS FOR PREPARA-
TION**

• **ARTICLES PHOTOCROMIQUES
A DEPENDANCE THERMIQUE RE-
DUITE ET PROCEDES DE PREPARA-
TION ASSOCIES**

(71) **TRANSITIONS OPTICAL, INC.**
[US/US]; 9251 Belcher Road, Pinellas Park,
FL 33782 (US).

(72) **KUMAR, Anil**; 251 Darlan Hill Drive,
Pittsburgh, PA 15239 (US). **VAN GEMERT,
Barry**; 2004 High Pointe Court, Murrysville,
PA 15668 (US). **BLACKBURN, Forrest,
R.**; 4441 Marywood Drive, Monroeville,
PA 15146 (US). **NELSON, Clara, E.**; 125
Washington Street, Pittsburgh, PA 15218
(US).

(74) **MALLAK, Frank, P. et al. / etc.**; PPG In-
dustries, Inc., Intellectual Property, One PPG
Place, 39th Floor, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085569** (13) A2

(21) PCT/US2004/007994

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 10/393,179 **20 Mar/mar 2003** US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **PHOTOCHROMIC ARTICLES THAT
ACTIVATE BEHIND ULTRAVIOLET
RADIATION BLOCKING TRANS-
PARENCIES AND METHODS FOR
PREPARATION**

• **ARTICLES PHOTOCROMES AC-
TIVES DERRIERE DES ELEMENTS
TRANSPARENTS BLOQUANT LES
RAYONNEMENTS ULTRAVIOLETS
ET LEURS PROCEDES DE PREPARA-
TION**

(71) **TRANSITIONS OPTICAL, INC.**
[US/US]; 5291 Belcher Road, Pinellas Park,
FL 33782 (US).

(72) **KUMAR, Anil**; 251 Darlan Hill Drive, Pitts-
burgh, PA 15239 (US). **MISURA, Michael,
S.**; 4200 Logan Ferry Road, Murrysville,
PA 15668 (US). **WALTERS, Robert, W.**;
5189 School Road South, Export, PA 15632
(US). **VAN GEMERT, Barry**; 2004 High
Pointe Court, Murrysville, PA 15668 (US).
CHOPRA, Anu; 207 Carriage Boulevard,
Pittsburgh, PA 15239 (US). **NELSON, Clara,
E.**; 125 Washington Street, Pittsburgh, PA
15218 (US).

(74) **MALLAK, Frank, P.**; PPG Industries, Inc.,
One PPG Place, 39th Floor, Pittsburgh, PA
15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/71

(11) **WO 2004/085570** (13) A1

(21) PCT/KR2004/000684

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ko (26) en

(30) 10-2003-0019528 **28 Mar/mar 2003** KR
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **STRONTIUM SILICATE-BASED
PHOSPHOR, FABRICATION METHOD
THEREOF, AND LED USING THE
PHOSPHOR**

• **PHOSPHORE A BASE DE SILICATE
DE STRONTIUM, PROCEDE DE FA-
BRICATION ET DEL UTILISANT CE
PHOSPHORE**

(71) **KOREA RESEARCH INSTITUTE OF
CHEMICAL TECHNOLOGY** [KR/KR];
100 Jang-dong, Yuseong-gu, Daejeon
305-343 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KIM, Chang-Hae** [KR/KR]; 138-1402
Hanbit Apt. Oeoen-dong Yoosung-gu, Dae-
jeon 307-755 (KR). **PARK, Joung-Kyu**

- [KR/KR]; 7-305 Jeonji GongdongGwanri Apt., Doryong-dong 431, Yoosung-gu, Daejeon 305-340 (KR). **PARK, Hee-Dong** [KR/KR]; 104-301 Sejong Grangcia, Gihoong-oob, Yongin, Kyunggi-do 449-900 (KR).
- (74) **HAW, Yong-Noke**; 8th Fl. Songchon Bldg., 642-15 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/77, H01S 3/00**
- (11) **WO 2004/085571** (13) A1
- (21) PCT/CA2004/000447
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 60/457,226 **24 Mar/mar 2003 US (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LANTHANIDE-DOPED NANOPARTICLES, THEIR SYNTHESIS AND USES THEREOF
- NANOPARTICULES DOPEES AUX LANTHANIDES, LEUR SYNTHÈSE ET LEURS UTILISATIONS
- (71) **INNOVATION AND DEVELOPMENT CORPORATION** [CA/CA]; University of Victoria, R Hut McKenzie Avenue, P.O. Box 3075 Stn CSC, Victoria, British Columbia V8W 3W2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN VEGGEL, Franciscus, Cornelis, Jacobus, Maria** [NL/CA]; 551 Old West Saanich Road, Victoria, British Columbia V8X 3X3 (CA). **STOUWDAM, Jan Willelm** [NL/CA]; 551 Old West Saanich Road, Victoria, British Columbia V8X 3X3 (CA).
- (74) **COOPER, Michael, D. et al. / etc.**; Barrigar Intellectual Property Law, Suite 290, 1675 Douglas Street, Victoria, British Columbia V8W 2G5 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C09K 21/14, B29C 47/00**
- (11) **WO 2004/085572** (13) A1
- (21) PCT/EP2004/003295
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) de (26) de
- (30) 103 13 776.9 **27 Mar/mar 2003 DE (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEALING PROFILE AND METHOD FOR THE PRODUCTION THEREOF
- JOINT D'ÉTANCHEITE PROFILE ET PROCÉDE POUR LE PRODUIRE
- (71) **GLUSKE GMBH** [DE/DE]; Alfred-Nobel-Strasse 47-51, 50169 Kerpen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MA, Senynan** [CN/DE]; Nelly-Sachs-Weg 16, 50170 Kerpen (DE). **LUTZNER, Lothar** [DE/DE]; Wahner Strasse 75, 51143 Köln (DE).
- (74) **FÜSSEL, Michael et al. / etc.**; Lönsstrasse 55, 42289 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C10C**
- (11) **WO 2004/085573** (13) A2
- (21) PCT/US2004/008227
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) en (26) en
- (30) 10/394,134 **20 Mar/mar 2003 US (20.03.2003)**
- (30) 10/465,311 **19 Jun/juin 2003 US (19.06.2003)**
- (30) 10/703,130 **6 Nov/nov 2003 US (06.11.2003)**
- (30) 10/801,733 **15 Mar/mar 2004 US (15.03.2004)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FUNGI RESISTANT ASPHALT AND ASPHALT SHEET MATERIALS
- BITUME RESISTANT AUX CHAMPIGNONS ET MATERIAUX EN FEUILLES DE BITUME
- (71) **JOHNS MANVILLE INTERNATIONAL, INC.** [US/US]; 717 Seventeenth Street, Denver, CO 80202 (US).
(for all designated States except / pour tous les États désignés sauf US)
-
- (72) **BOGRET, Blake, Boyd**; 5451 South Vivian Street, Littleton, CO 80127 (US). **FAY, Ralph, Michael**; 2249 South Hoyt Court, Lakewood, CO 80227 (US). **MOORE, Anthony, E.**; 5404 Elmwood Forest Court, Glen Allen, VA 23059 (US). **LOGSDON, Timothy, D.**; 8083 Crown Colony Parkway, Mechanicsville, VA 23116 (US).
- (74) **TOUSLEE, Robert, D. et al. / etc.**; 10100 West Ute Avenue, Littleton, CO 80127 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C10C**
- (11) **WO 2004/085574** (13) A2
- (21) PCT/US2004/008232
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) en (26) en
- (30) 10/394,134 **20 Mar/mar 2003 US (20.03.2003)**
- (30) 10/465,311 **19 Jun/juin 2003 US (19.06.2003)**
- (30) 10/703,130 **6 Nov/nov 2003 US (06.11.2003)**
- (30) 10/801,734 **15 Mar/mar 2004 US (15.03.2004)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FUNGI RESISTANT SHEET, FACING AND FACED INSULATION ASSEMBLY
- FEUILLE RESISTANT AUX CHAMPIGNONS, REVÈTEMENT AVANT ET ENSEMBLE ISOLANT AVEC FACE AVANT
- (71) **JOHNS MANVILLE INTERNATIONAL, INC.** [US/US]; 717 Seventeenth Street, Denver, CO 80202 (US).
- (72) **BOGRET, Blake, Boyd**; 5451 South Vivian Street, Littleton, CO 80127 (US). **FAY, Ralph, Michael**; 2249 South Hoyt Court, Lakewood, CO 80227 (US). **MOORE, Anthony, E.**; 5404 Elmwood Forest Court, Glen Allen, VA 23059 (US). **LOGSDON, Timothy, D.**; 8083 Crown Colony Parkway, Mechanicsville, VA 23116 (US).
- (74) **TOUSLEE, Robert, D.**; Johns Manville, 10100 West Ute Avenue, Littleton, CO 80127 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C10G

(11) WO 2004/085575 (13) A2

(21) PCT/US2004/008936

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,912 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMERCIAL FISCHER-TROPSCH
REACTOR
• REACTEUR FISCHER-TROPSCH
COMMERCIAL

(71) CONOCOPHILLIPS COMPANY
[US/US]; 600 North Dairy Ashford, Houston,
TX 77079 (US).

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les États désignés sauf US)

(72, 75) ESPINOZA, Rafael, L. [PE/US]; 1469
N. Prentice Road, Ponca City, OK 74604
(US). ZHANG, Jianping [CN/US]; 2029
Lemon Tree, Ponca City, OK 74604 (US).
WRIGHT, Harold, A. [US/US]; 316 War-
wick Road, Ponca City, OK 74601 (US).
HARKINS, Todd, H. [US/US]; 130 Road-
runner, Ponca City, OK 74604 (US).

(74) WESTPHAL, David, W.; ConocoPhillips
Company, P.O. Box 1267, Ponca City, OK
74602-1267 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 25/00, 25/12, 27/04, 53/08, C02F
1/28, 1/72

(11) WO 2004/085576 (13) A1

(21) PCT/IB2003/003551

(22) 7 Aug/août 2003 (07.08.2003)

(25) ru (26) ru

(30) 200300311 28 Mar/mar 2003 EA
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PURIFYING A LIQUID
MEDIUM.
• METHODE DE PURIFICATION D'UN
MILIEU LIQUIDE

(71) IQ ADVANCED TECHNOLOGIES LIM-
ITED [—/CY]; Kirjacos Matsis Avenue, 166,
Eagle House, 10 floor, Aoy Omoloitis, 1082
Nicosia (CY).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BEREZUTSKIY, Vladimir Mi-
hailovich [RU/RU]; Shosse Entuziastov,
24/43-14, Moscow, 111024 (RU).

(74) MORAVSKI, Alexander Vladimirovich;
ul. Bolotnikovskaya, 10A-101, Moscow,
117556 (RU).

(81) AL AM AT AU AZ BB BG BR BY CA CH
CN CZ DE DK EE ES FI GB GE HU IS JP
KE KG KP KR KZ LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SK TJ TM TR TT UA UG US UZ
VN.

(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); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C10G 70/04, B01D 3/14

(11) WO 2004/085577 (13) A1

(21) PCT/US2004/007799

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/393,460 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED DISTILLATION SE-
QUENCE FOR THE PURIFICATION
AND RECOVERY OF HYDROCAR-
BONS
• SEQUENCE DE DISTILLATION AME-
LIOREE PERMETTANT LA PURI-
FICATION ET LA RECUPERATION
D'HYDROCARBURES

(71) BP CORPORATION NORTH AMER-
ICA INC. [US/US]; 4101 Winfield Road,
Warrenville, IL 60555 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REYNEKE, Rian [ZA/US]; 20523
Fawnbrook Court, Katy, TX 77450 (US).
FORAL, Michael, J. [US/US]; 3083 Fair-
field Lane, Aurora, IL 60504 (US). PA-
ADOPOULOS, Christos, G. [US/US];
1104 Nashville Court, Naperville, IL 60540
(US). LOGSDON, Jeffrey, S. [US/US];
1522 Chickasaw Drive, Naperville, IL 60563
(US). ENG, Wayne, W., Y. [US/US]; 2217
Summer Reef Drive, League City, TX 77573
(US). LEE, Guang-Chung [—/US]; 12815
Suffolk Chase Lane, Houston, TX 77077
(US). SINCLAIR, Ian [US/US]; 29 Hill-
cliffe Road, Walton, Warrington WA4 6PA
(GB).

(74) PATEL, Nirav; BP America Inc., BP Legal,
4101 Winfield Road, Mail Code 5 East, War-
renville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ C10J 3/30, 3/56, 3/50, B01J 8/00

(11) WO 2004/085578 (13) A1

(21) PCT/EP2004/050347

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03075882.5 25 Mar/mar 2003 EP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SLUICE VESSEL AND METHOD OF
OPERATING SUCH A SLUICE VESSEL
• CONTENANT A VANNE ET PROCEDE
DE FONCTIONNEMENT

(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERGGREN, Wouter Detlof [NL/NL];
Badhuisweg 3, NL-1031 CM Amsterdam
(NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C10L

(11) WO 2004/085579 (13) A2

(21) PCT/US2004/008294

(22) 17 Mar/mar 2004 (17.03.2004)

- (25) en (26) en
- (30) 60/456,097 **20 Mar/mar 2003** US
(20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR REFINING BIODIESEL
• PROCEDE ET APPAREIL PERMETTANT DE RAFFINER UN BIODIESEL
- (71, 72) PELLY, Michael, F. [US/US]; 1106 Partridge Drive N.W., Olympia, WA 98502 (US).
- (74) COYNE, Brian, J.; Miles Way Coyne, PLLC, 905 24th Way S.W., Suite B-3, Olympia, WA 98502 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SE SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C10L 1/14, C10M 161/00
- (11) WO 2004/085580 (13) A1
- (21) PCT/EP2004/003253
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) de (26) de
- (30) 103 13 883.8 **27 Mar/mar 2003** DE
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ADDITIVE MIXTURE FOR IMPROVING THE LUBRICATING PROPERTIES OF MINERAL OIL PRODUCTS
• MELANGE D'ADDITIFS POUR AMELIORER LES PROPRIETES DU POUVOIR LUBRIFIANT DE PRODUITS MINERAUX
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRAND, Siegbert [—/DE]; St.-Klara-Kloster-Weg 6, 67346 Speyer (DE). AHLERS, Wolfgang [DE/DE]; Brauereistrasse 3, 67549 Worms (DE). EISENBEIS, Ansgar [DE/DE]; Birkhahnweg 17, 49124 Georgsmarienhütte (DE). SCHWAB, Peter [DE/DE]; Krähöhlenweg 23, 67098 Bad Dürkheim (DE). TRÖTSCH-SCHALLER, Irene [DE/DE]; Rottwegshohl 11, 67281 Bissersheim (DE).
- (74) POHL, Michael et al. / etc.; Reitstötter, Kinzebach & Partner (Gbr), Ludwigsplatz 4, 67059 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SE SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁵ C10M 169/04 // 107:38, 125:02, 125:10, 145:22, C10N 10:04, 20:06, 40:02, 50:08

(11) WO 2004/085581 (13) A1

(21) PCT/JP1993/000754

(22) 4 Jun/juin 1993 (04.06.1993)

(25) ja (26) ja

(30) 4-169968 **5 Jun/juin 1992** JP
(05.06.1992)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SLIDING BEARING MATERIAL
• MATERIAU PORTEUR GLISSANT

(71, 72) SHIMASAKI, Keiichi [JP/JP]; c/o Taiho Kogyo Co., Ltd., 65, Midorigaoka 3-chome, Toyota-shi, Aichi 471 (JP). ITO, Hiroshi [JP/JP]; c/o Taiho Kogyo Co., Ltd., 65, Midorigaoka 3-chome, Toyota-shi, Aichi 471 (JP). YAMAGUCHI, Yasushi [JP/JP]; c/o Taiho Kogyo Co., Ltd., 65, Midorigaoka 3-chome, Toyota-shi, Aichi 471 (JP). HAYAKAWA, Hiroaki [JP/JP]; c/o Taiho Kogyo Co., Ltd., 65, Midorigaoka 3-chome, Toyota-shi, Aichi 471 (JP).

(74) MURAI, Takuo; Makino Bldg., 10-5, Honkomagome 1-chome, Bunkyo-ku, Tokyo 113 (JP).

(81) US.

Published / Publiée : (e) 12Mar/mar 1996
(12.03.1996), 5498654

(51)⁷ C11C 3/00

(11) WO 2004/085582 (13) A2

(21) PCT/JP2004/004282

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-088631 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • LIPID-IMPROVING AGENT AND COMPOSITION CONTAINING LIPID-IMPROVING AGENT
• AGENT D'AMELIORATION DE LIPIDE ET COMPOSITION CONTENANT UN AGENT D'AMELIORATION DE LIPIDE

(71) SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 5308203 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKIMOTO, Kengo [JP/JP]; 1-9-5-1006, Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 6180001 (JP). FUKAMI, Harukazu [JP/JP]; 36, Shimadezaikecho, Kisseyoin, Minami-ku, Kyoto-shi, Kyoto 6018373 (JP). GODA, Toshi-nao [JP/JP]; 21-11, Shimizukawaharacho, Shizuoka-shi, Shizuoka 4240857 (JP).

(74) AOKI, Atsushi et al. / etc.; A. Aoki, Ishida & Associates, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/10, C07C 67/03, 69/24, 69/52

(11) WO 2004/085583 (13) A1

(21) PCT/JP2003/015323

(22) 1 Dec/déc 2003 (01.12.2003)

(25) ja (26) ja

(30) 2003-83979 **26 Mar/mar 2003** JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PROCESS FOR PRODUCING ESTER THROUGH TRANSESTERIFICATION WITH SOLID ACID CATALYST
• PROCEDE DE PRODUCTION D'ESTER PAR TRANSESTERIFICATION AVEC UN CATALYSEUR ACIDE SOLIDE

(71) JAPAN ENERGY CORPORATION [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) FURUTA, Satoshi [JP/JP]; c/o Japan Energy Corporation, 17-35, Niizo Minami 3-chome, Toda-shi, Saitama 335-0026 (JP).

(74) KAGAMI, Norio et al. / etc.; Akasaka Office Heights, 13-5, Akasaka 4-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/10, C07C 67/03, 69/24, 69/52, B01J 27/03, 23/30

(11) WO 2004/085584 (13) A1

(21) PCT/JP2004/003731

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-083979 **26 Mar/mar 2003** JP
(**26.03.2003**)

(30) PCT/JP03/15323 **1 Dec/déc 2003** JP
(**01.12.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCING ESTER THROUGH TRANSESTERIFICATION WITH SOLID ACID CATALYST

• PROCEDE DE PRODUCTION D'ESTER PAR TRANSESTERIFICATION AVEC UN CATALYSEUR ACIDE SOLIDE

(71) JAPAN ENERGY CORPORATION [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku Tokyo, 1050001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FURUTA, Satoshi [JP/JP]; c/o Japan Energy Corporation, 17-35, Niizo Minami 3-chome, Toda-shi Saitama, 3350026 (JP).

(74) SAKAI, Masami et al. / etc.; Akasaka Office Heights 13-5, Akasaka 4-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/10, 3/04, C07C 67/02

(11) WO 2004/085585 (13) A1

(21) PCT/KR2004/000483

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10-2003-0019649 **28 Mar/mar 2003** KR
(**28.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MANUFACTURING METHOD OF BIO-DIESEL OIL

• PROCEDE DE FABRICATION DE CARBURANT BIODIESEL

(71) KOREA INSTITUTE OF ENERGY RESEARCH [KR/KR]; 71-2 Jang-dong, Yuseong-gu, Daejeon 305-343 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Jin-Suk [KR/KR]; 110-1401, Hanvit Apt., Eoeun-dong, Yuseong-gu, Daejeon 305-755 (KR). KIM, Deog-Keun [KR/KR]; 206, Dongho Villa, 148-7, Shinseong-dong, Yuseong-gu, Daejeon 305-804 (KR). PARK, Soon-Chul [KR/KR]; 101-206, Shindonga Apt., 531, Banghak-dong, Dobong-gu, Seoul 132-765 (KR). LEE, Joon-Pyo [KR/KR]; 1208-1203, Neuriul Maoul, 1398, Gwanjeon-dong, Seo-gu, Daejeon 302-813 (KR). KIM, Sung-Hyun [KR/KR]; 203, Gonggan Villa, 138-13, Shinseong-dong, Yuseong-gu, Daejeon 305-804 (KR). LEE, Keun-Hoo [KR/KR]; 702-2506, Shindonga River

Park, Noryangjin-dong, Dongjak-gu, Seoul 156-050 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D

(11) WO 2004/085586 (13) A2

(21) PCT/US2004/008484

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/392,153 **19 Mar/mar 2003** US
(**19.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WATER-SOLUBLE, LIQUID-CONTAINING POUCH

• POCHE CONTENANT DU LIQUIDE SOLUBLE DANS L'EAU

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSTON, James, Pyott [GB/BE]; St. Guduladreef 11, B-1785 Merchtem (BE). STEVENTON, Anthony, James [GB/BE]; 49 Avenue General De Gaulle, B-1050 Ixelles (BE).

(74) REED, David, T.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D

(11) WO 2004/085587 (13) A2

(21) PCT/US2004/008929

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,193 **24 Mar/mar 2003** US
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLEANER WITH SOIL FLOCCULANT
• NETTOYANT PRESENTANT UN FLOCCULANT DE SALISSURE

(71) THE CLOROX COMPANY [US/US]; 1221 Broadway, Oakland, CA 94612 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARTWRIGHT, Brian, K. [—/US]; 7200 Johnson Drive, Pleasanton, CA 94588 (US). JAYA, Maria [—/US]; 7200 Johnson Drive, Pleasanton, CA 94588 (US).

(74) MAZZA, Michael, J. et al. / etc.; The Clorox Company, 1221 Broadway, Oakland, CA 94612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 3/20, 17/06

(11) WO 2004/085588 (13) A1

(21) PCT/EP2004/001512

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 0306790.7 **24 Mar/mar 2003** GB
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENT COMPOSITION OR COMPONENT THEREFOR

• COMPOSITION DETERGENTE OU COMPOSANT ASSOCIE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, 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 SY TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) **KRIJGSMAN, Arie** [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, 3133 AT Vlaardingen (NL). **LANGEVELD, Elfriede, Maria** [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, 3133 AT Vlaardingen (NL). **PACHA, Fakhruddin, Esmail** [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, 3133 AT Vlaardingen (NL).

(74) **ELLIOTT, Peter** et al. / etc.; Unilever PLC, Patent Department, Colworth House Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/22, 3/37, 3/30

(11) WO 2004/085589 (13) A1

(21) PCT/EP2004/002855

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/396,807 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYCLODEXTRIN LAUNDRY DETERGENT ADDITIVE COMPLEXES AND COMPOSITIONS CONTAINING SAME
• COMPLEXES ADDITIFS DE CYCLODEXTRINE POUR DETERGENTS A LESSIVE ET COMPOSITIONS CONTENANT CES COMPLEXES

(71) **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, 81737 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMID, Gerhard** [DE/DE]; Johann-Werner-Strasse 12, 82131 Gauting (DE). **HARRISON, Mark** [GB/US]; 125 Lake Village Dr. #306, Ann Arbor, MI 48103 (US). **POLCHINSKI, Patrick** [US/US]; 3655 Roberts Meadow South, Tecumseh, MI 49286 (US).

(74) **POTTEN, Holger** et al. / etc.; c/o Wacker-Chemie GmbH, Corporate Intellectual Property, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/22

(11) WO 2004/085590 (13) A1

(21) PCT/US2004/009047

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03447059.1 24 Mar/mar 2003 EP (24.03.2003)

(30) 04447006.0 12 Jan/jan 2004 EP (12.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITIONS COMPRISING COMPLEXES OF CYCLODEXTRIN AND AT LEAST ONE LAUNDRY TREATMENT ACTIVE

• COMPOSITIONS COMPRENANT DES COMPLEXES CONTENANT DE LA CYCLODEXTRINE ET AU MOINS UN ELEMENT ACTIF DE TRAITEMENT DE LINGE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US). **CANCEIL, Sylvestre** [GB/GB]; 12 Oakfield Drive, Killingworth Tyne and Wear NE12 6YY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YATES, Adam, Thomas** [GB/GB]; The Old Boys School, Carrshield, West Allen Valley Northumberland NE47 8AA (GB). **BROOKER, Alan, Thomas** [GB/GB]; 3 Flaxby Close, Gosforth Tyne and Wear NE3 5LP (GB). **BETTIOL, Jean-Luc, Philippe** [FR/BE]; 218 rue Louis Hap, B-1040 Bruxelles (BE). **GRAYDON, Andrew, Russell** [GB/GB]; 27 Denewell Avenue, Low Fell, Gateshead Tyne and Wear NE9 5HD (GB). **LAPHAM, Paul** [GB/GB]; 15 Blucher Road, Royal Quays, North Shields Tyne and Wear NE29 6XJ (GB).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D 3/30, 1/44, 11/00, 1/72, 1/825, 1/835, 1/645, C09D 9/04

(11) WO 2004/085591 (13) A1

(21) PCT/EP2004/002719

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de

(26) de

(30) 103 13 461.1 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLEANING SOLUTION AND CLEANING METHOD FOR LACQUER CONDUITS AND/OR LACQUER APPLICATION DEVICES

• SOLUTION DE NETTOYAGE ET PROCÉDÉ POUR NETTOYER DES CONDUITES DE PEINTURE ET/OU DES APPAREILS D'APPLICATION DE PEINTURE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RÜSSE, Steffen** [DE/DE]; Schopenhauerstrasse 5, 40789 Monheim (DE). **SENNER, Marcus** [DE/DE]; Benderstrasse 98, 40625 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 3/37

(11) WO 2004/085592 (13) A1

(21) PCT/EP2004/002716

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 455.7 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENTS OR CLEANING AGENTS

• PRODUITS NETTOYANTS OU DETERGENTS

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEKEL, Maren** [DE/DE]; Bankstrasse 79, 40476 Düsseldorf (DE). **PEGELOW, Ulrich** [DE/DE]; Paulstrasse 13, 40597 Düsseldorf (DE). **LAMBOTTE, Alexander** [BE/DE]; Erich-Müller-Strasse 9, 40597 Düsseldorf (DE). **ZIPFEL, Johannes** [DE/DE]; Käthe-Kollwitz-Weg 1, 40724 Hilden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 C11D 3/37, 1/72

(11) WO 2004/085593 (13) A1

(21) PCT/EP2004/002722

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 458.1 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENTS OR CLEANING
AGENTS

• PRODUIT DE LAVAGE OU DE NET-
TOYAGE

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JEKEL, Maren [DE/DE]; Bankstrasse
79, 40476 Düsseldorf (DE). PEGELOW,
Ulrich [DE/DE]; Paulistrasse 13, 40597
Düsseldorf (DE). LAMBOTTE, Alexander
[BE/DE]; Erich-Müller-Strasse 9, 40597
Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 3/42

(11) WO 2004/085594 (13) A1

(21) PCT/EP2004/050307

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 03100741.2 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENT COMPOSITIONS

• COMPOSITIONS DETERGENTES

(71) CIBA SPECIALTY CHEMICALS
HOLDING INC. [CH/CH]; Klybeckstrasse
141, CH-4057 Basel (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KASCHIG, Jürgen [DE/DE];
Rötebuckweg 30, 79104 Freiburg
(DE). HOCHBERG, Robert [DE/DE];
Goethestrasse 13, 79100 Freiburg (DE).
BECHERER, Oliver [DE/DE]; Hauptstrasse
76A, 79739 Schwörstadt (DE). MERKLE,
Gerhard [DE/DE]; Bürgerwehrstrasse 12,
79102 Freiburg (DE). SCHAUMANN,
Monika [DE/DE]; Allmendweg 3, 79540
Lörrach (DE). SCHULTZ, Bernard
[FR/FR]; 5 rue St. Georges, F-68300 St.
Louis (FR).

(74) CIBA SPECIALTY CHEMICALS
HOLDING INC.; Patent Department, Kly-
beckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D 17/00

(11) WO 2004/085595 (13) A1

(21) PCT/EP2004/002718

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 172.8 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENT TABLETS HAVING AN
OPTIMIZED SHAPE

• TABLETTES DE LAVAGE OU DE NET-
TOYAGE DE FORME OPTIMISEE

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOLDERBAUM, Thomas [DE/DE];
Holbeinstr. 11, 40789 Monheim (DE).
VON EYSMONDT, Eckhard [DE/DE];
Nelly-Sachs-Strasse 37, 40764 Langenfeld
(DE). KEMPF, Achim [DE/DE]; Luxem-
burgerstr. 282, 50937 Köln (DE). STEF-
FEN-HOLDERBAUM, Uta [DE/DE];
Eschweiler Strasse 2, 50933 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 17/00, 3/37, 3/22, 3/386, 3/20, 3/16,
3/12

(11) WO 2004/085596 (13) A1

(21) PCT/EP2004/002720

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 454.9 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENTS OR CLEANING
AGENTS

• PRODUIT DE LAVAGE OU DE NET-
TOYAGE

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JEKEL, Maren [DE/DE]; Bankstrasse
79, 40476 Düsseldorf (DE). PEGELOW, U-
rich [DE/DE]; Paulistrasse 13, 40597 Düssel-
dorf (DE). KESSLER, Arnd [DE/DE]; Am
Borsberg 44, 51375 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 17/00

(11) WO 2004/085597 (13) A1

(21) PCT/EP2004/002721

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 457.3 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETERGENT OR CLEANING AGENT

• PRODUIT DE LAVAGE OU DE NET-
TOYAGE

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMBOTTE, Alexander** [BE/DE]; Erich-Müller-Strasse 9, 40597 Düsseldorf (DE). **PEGELow, Ulrich** [DE/DE]; Paulistrasse 13, 40597 Düsseldorf (DE). **ZIPPEL, Johannes** [DE/DE]; Käthe-Kollwitz-Weg 1, 40724 Hilden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C11D 17/00, 3/20, 3/10, 3/12, 3/00, 1/14, 3/37, 3/50, 3/02

(11) WO 2004/085598 (13) A1

(21) PCT/US2004/006330

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/392,543 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLEANING COMPOSITIONS IN THE FORM OF A TABLET

• COMPOSITIONS DE NETTOYAGE SOUS FORME DE PASTILLES

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GORLIN, Philip** [US/US]; 4 Blossom Lane, Flemington, NJ 08822 (US).

(74) **NANFELDT, Richard, E.** et al. / etc.; 909 River Road, Piscataway, NJ 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 17/04, 17/00, 11/00

(11) WO 2004/085599 (13) A1

(21) PCT/EP2004/002717

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 12 456.5 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SHAPE-RETAINING DETERGENT PORTION

• PORTION DE PRODUIT NETTOYANT A STABILITE DE FORME

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [US/US]; Henkelstrasse 67, 40589 Düsseldorf (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEKEL, Maren** [DE/DE]; Bankstrasse 79, 40476 Düsseldorf (DE). **DÜFFELS, Arno** [DE/DE]; Taubenstr. 2, 40479 Düsseldorf (DE). **REIMANN, Matthias** [DE/DE]; Koblenzer Strasse 5, 40593 Düsseldorf (DE). **BARTHEL, Wolfgang** [DE/DE]; Schlieperstrasse 23a, 40764 Langenfeld (DE). **FILECCIA, Salvatore** [DE/DE]; Tulpenstrasse 20, 46049 Oberhausen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 17/04, C08F 216/06

(11) WO 2004/085600 (13) A1

(21) PCT/US2004/008231

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/392,030 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POLYVINYL ALCOHOL COPOLYMER FILM FOR PACKAGING LIQUID PRODUCTS AND HAVING AN IMPROVED SHELF-LIFE

• FILM EN COPOLYMER D'ALCOOL POLYVINYLIQUE SERVANT D'EMBALLAGE POUR PRODUITS LIQUIDES ET POSSEDANT UNE PLUS GRANDE DUREE DE CONSERVATION

(71) **MONOSOL, LLC** [US/US]; 1701 County Line, Portage, IN 46368 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERRALL, Andrew, P.** [GB/US]; 12514 Polk Street, Crown Point, IN 46307 (US). **BENING, Scott, P.** [US/US]; 8795

Hanley Lane, Crown Point, IN 46307 (US). **KUGLER, Karen, A.** [US/US]; 845 Pearson Road, Porter, IN 46304 (US).

(74) **MUCZYNSKI, Michael**; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D 17/04, B65D 65/46, C08J 11/08, B29B 17/02, 17/00

(11) WO 2004/085601 (13) A1

(21) PCT/US2004/009046

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03251842.5 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR RECYCLING DETERGENT POUCHES

• PROCEDE DE RECYCLAGE DE SACHETS DE DETERGENT

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KINLOCH, James, Iain** [GB/GB]; 21 Horton Drive, Hartford Lea, Cramlington Northumberland NE23 3QS (GB). **SMITH, David, John** [GB/GB]; Falls Farm, Hett Co. Durham DH6 5LN (GB). **VEGA, Jose, Luis** [ES/BE]; Bloemendallaan 47, B-1853 Strombeek-Bever (BE).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12C

(11) WO 2004/085602 (13) A2

(21) PCT/US2004/008354

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,900 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ALCOHOLIC BEVERAGE
• BOISSON ALCOOLISEE(71) GRAIN PROCESSING CORPORATION
[US/US]; 1600 Oregon Street, Muscatine, IA
52761 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RAMSDEN, Steve [US/US]; 502 W.
Fulliam, Muscatine, IA 52761 (US).(74) BUROW, Scott, A.; BANNER & WIT-
COFF, LTD., 10 S. Wacker Drive, Suite 300,
Chicago, IL 60606-7407 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 C12C 5/02

(11) WO 2004/085603 (13) A1

(21) PCT/CN2004/000277

(22) 29 Mar/mar 2004 (29.03.2004)

(25) zh (26) zh

(30) 03108276.9 27 Mar/mar 2003 CN
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THE USE OF N-ACETYL GLU-
COSAMINE AS ADDITIVE IN BEER
AND BEER COMPRISING N-ACETYL
GLUCOSAMINE• UTILISATION DE LA N-ACE-
TYL-GLUCOSAMINE COMME ADDI-
TIF DANS LA BIÈRE ET BIÈRE COM-
PRENANT DE LA N-ACETYL-GLU-
COSAMINE(71) THIRD MILITARY MEDICAL UNI-
VERSITY, CHINESE PEOPLE'S LIBER-
ATION ARMY, P.R. OF CHINA [CN/CN];
No. 30 Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) XU, Qiwang [CN/CN]; No. 30
Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN). LIU, Junkang
[CN/CN]; No. 30 Gaotanyan Street, Shap-
ingba District, Chongqing 400038 (CN).
YUAN, Zetao [CN/CN]; No. 30 Gaotanyan
Street, Shapingba District, Chongqing
400038 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12G 1/00

(11) WO 2004/085604 (13) A1

(21) PCT/CN2004/000274

(22) 29 Mar/mar 2004 (29.03.2004)

(25) zh (26) zh

(30) 03108275.0 27 Mar/mar 2003 CN
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THE USE OF N-ACETYL GLU-
COSAMINE AS ADDITIVE IN WINE
AND WINE COMPRISING N-ACETYL
GLUCOSAMINE• UTILISATION DE N-ACETYLGLUCO-
SAMINE EN TANT QU'ADDITIF POUR
LE VIN ET VIN COMPORTANT DE LA
N-ACETYLGLUCOSAMINE(71) THIRD MILITARY MEDICAL UNI-
VERSITY, CHINESE PEOPLE'S LIBER-
ATION ARMY, P.R. OF CHINA [CN/CN];
No. 30 Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) XU, Qiwang [CN/CN]; No. 30
Gaotanyan Street, Shapingba District,
Chongqing 400038 (CN). LIU, Junkang
[CN/CN]; No. 30 Gaotanyan Street, Shap-
ingba District, Chongqing 400038 (CN).
YUAN, Zetao [CN/CN]; No. 30 Gaotanyan
Street, Shapingba District, Chongqing
400038 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12G 3/02, B04B 3/04

(11) WO 2004/085605 (13) A1

(21) PCT/JP2004/004292

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086694 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONCENTRATED SAKE, METHOD
FOR PRODUCING CONCENTRATED
SAKE, CENTRIFUGE, AND APPARA-
TUS FOR CONCENTRATING SAKE
OR THE LIKE• SAKE CONCENTRE, PROCEDE DE
REALISATION ASSOCIE, APPAREIL
CENTRIFUGE ET APPAREIL POUR
CONCENTRER LE SAKE OU SIMI-
LAIRE(71) SHIMA SYSTEM CO., LTD. [JP/JP];
1108-4, Uedahara, Ooaza, Ueda-shi, Nagano
3861102 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SHIMA, Yoshiharu [JP/JP]; c/o Shima
System Co., Ltd., 1108-4, Uedahara,
Ooaza, Ueda-shi, Nagano 3861102 (JP).
TSUCHIDA, Makio [JP/JP]; c/o Shima
System Co., Ltd., 1108-4, Uedahara, Ooaza,
Ueda-shi, Nagano 3861102 (JP). SHIMIZU,
Yasuo [JP/JP]; c/o Shima System Co., Ltd.,
1108-4, Uedahara, Ooaza, Ueda-shi, Nagano
3861102 (JP).(74) ISONO, Michizo; c/o Isono International
Patent Office, Sabo Kaikan Annex, 7-4, Hi-
rakawa-cho 2-chome, Chiyoda-ku, Tokyo
1020093 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12M 3/00, 1/22, C12N 5/00, A61L 27/38,
27/40

(11) WO 2004/085606 (13) A1

(21) PCT/JP2004/004077

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-081148 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2003-081147 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CELL CULTURE MEDIUM AND SOLIDIFIED PREPARATION OF CELL ADHESION PROTEIN OR PEPTIDE

• MILIEU DE CULTURE CELLULAIRE ET PREPARATION SOLIDIFIEE DE PROTEINE OU DE PEPTIDE D'ADHESION CELLULAIRE

(71) NATIONAL INSTITUTE FOR ENVIRONMENTAL STUDIES [JP/JP]; 16-2 Onogawa, Tsukuba-Shi, Ibaraki 3058506 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MOCHITATE, Katsumi [JP/JP]; 3-108-404, Takezono, Tsukuba-shi, Ibaraki 3050032 (JP).

(74) HIROTA, Masanori; 3F, Wakabayashi Building, 8-5, Akasaka 2-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N

(11) WO 2004/085607 (13) A2

(21) PCT/FR2004/000610

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/03242 17 Mar/mar 2003 FR
(17.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEXTURIZING LACTIC BACTERIA

• BACTERIES LACTIQUES TEXTURANTES

(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) HORVATH, Philippe [FR/FR]; 8, rue des Sablons, F-86140 Scorbe-Clairvaux (FR). MANOURY, Elise [FR/FR]; Résidence Sainte-Catherine, 3, rue de la Croix Rouge, F-86100 Châtelleraut (FR). HUPPERT, Sonia [FR/FR]; 1, rue de la Bienfaisance, F-94300 Vincennes (FR). FREMAUX, Christophe [FR/FR]; 19, rue des Jones, F-86000 Poitiers (FR).

(74) BERRUET, Laure; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085608 (13) A2

(21) PCT/US2004/011656

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,152 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR HIGH THROUGHPUT ELUCIDATION OF TRANSCRIPTIONAL PROFILES AND GENOME ANNOTATION

• METHODES D'ELUCIDATION A GRAND RENDEMENT DES PROFILS DE TRANSCRIPTION ET D'ANNOTATION DU GENOME

(71) NEWLINK GENETICS CORPORATION [US/US]; 2901 South Loop Drive, Suite 3900, Ames, IA 50010 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOUNG, Won-Bin, [US/US]; 2901 South Loop Drive, Suite 3900, Ames, IA 50010 (US). LINK, Charles, J., Jr. [US/US]; 2901 South Loop Drive, Suite 3900, Ames, IA 50010 (US).

(74) NEBEL, Heidi, S.; McKee, Voorhees & Sease, PLC, 801 Grand Avenue, Suite 3200, Des Moines, IA 50309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085609 (13) A2

(21) PCT/US2004/004138

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 60/451,088 28 Feb/fév 2003 US
(28.02.2003)

(30) 60/507,354 29 Sep/sep 2003 US
(29.09.2003)

(30) 60/512,140 16 Oct/oct 2003 US
(16.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NANOPORES, METHODS FOR USING SAME, METHODS FOR MAKING SAME AND METHODS FOR CHARACTERIZING BIOMOLECULES USING SAME

• NANOPORES, PROCEDES D'UTILISATION ET DE FABRICATION DE CEUX-CI ET PROCEDES DE CARACTERISATION DE BIOMOLECULES UTILISANT CES NANOPORES

(71) BROWN UNIVERSITY [US/US]; 47-49 George Street, Box 1949, Providence, RI 02912 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LING, Xinsheng, Sean [US/US]; East Greenwich, RI (US).

(74) DALEY, William, J., Jr.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/085610 (13) A2

(21) PCT/US2004/007176

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 60/458,733 28 Mar/mar 2003 US
(28.03.2003)

(30) 10/606,601 26 Jun/juin 2003 US
(26.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTIDIMENSIONAL MASS SPECTROMETRY OF SERUM AND CELLULAR LIPIDS DIRECTLY FROM BIOLOGIC EXTRACTS

- SPECTROMETRIE DE MASSE MULTIDIMENSIONNELLE DE LIPIDES SERIQUES ET CELLULAIRES EFFECTUEE DIRECTEMENT A PARTIR D'EXTRAITS BIOLOGIQUES

(71) WASHINGTON UNIVERSITY IN ST. LOUIS [US/US]; One Brookings Drive, St. Louis, MO 63130 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROSS, Richard, W. [US/US]; 307 Chesterfield Oaks, Chesterfield, MO 63005 (US). HAN, Xianlin [CN/US]; 427 North Polo Drive, Clayton, MO 53105 (US).

(74) RASCHE, Patrick, W. et al. / etc.; Armstrong Teasdale LLP, One Metropolitan Square, Suite 2600, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085611 (13) A2

(21) PCT/US2004/008087

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/456,965 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MODEL FOR MUTUALLY EXCLUSIVE DOMAIN FOLDING MOLECULAR SWITCH

- MODELE POUR SEQUENCE ACTIVATRICE DE REPLEMENT DE DOMAINES MUTUELLEMENT EXCLUSIFS

(71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; Post Office Box 9, 35 State Street, Albany, NY 12201-0009 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOH, Stewart [US/US]; 4676 Watch Hill Road, Manlius, NY 13104 (US). JEUNG-HOI, Ha [US/US]; 4676 Watch Hill Road, Manlius, NY 13104 (US). BUTLER, Mark, C. [US/US]; 6880 Hiese Road, Clarence Center, NY 14032 (US). RADLEY, Tracey, I. [US/US]; 4750 Woodwars Way M-12, Liverpool, NY 13088 (US).

(74) RABIN, Sander; Convergent Technology Patent Law Group, 2 Irving Place, Troy, NY 12180-4417 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 2004/085612 (13) A2

(21) PCT/US2004/008328

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/457,538 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METAL BINDING PROTEINS

- PROTEINES DE LIAISON DE METAUX

(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) JIANG, Xin [US/US]; 14371 Elva Avenue, Saratoga, CA 95070 (US). JACKSON, Alan, A. [US/US]; 1541 Elwood Drive, Los Gatos, CA 95032 (US). HAFALIA, April, J., A. [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). MASON, Patricia, M. [US/US]; 360 Clarke Lane, Morgan Hill, CA 95037 (US).

(74) FOLEY & LARDNER LLP; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085613 (13) A2

(21) PCT/US2004/008439

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,804 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROCOMPETENT HOST CELLS

- CELLULES HOTES ELECTROCOMPETENTES

(71) STRATAGENE [US/US]; 11011 North Torrey Pines Road, La Jolla, CA 92037 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREENER, Alan, L. [US/US]; 4389 Calle Mejillones, San Diego, CA 92130 (US).

(74) WILLIAMS, Kathleen, M.; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085614 (13) A2

(21) PCT/US2004/008516

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,873 21 Mar/mar 2003 US (21.03.2003)

(30) 60/516,527 30 Oct/oct 2003 US (30.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NUCLEIC ACID MOLECULES THAT ARE DIFFERENTIALLY REGULATED IN A BIPOLAR DISORDER AND USES THEREOF

- MOLECULES D'ACIDES NUCLEIQUES A REGULATION DIFFERENTIELLE DANS UN TROUBLE BIPOLAIRE ET LEURS UTILISATIONS

(71) THE MCLEAN HOSPITAL CORPORATION [US/US]; 115 Mill Street, Belmont, MA 02478 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONRADI, Christine [US/US]; 220 Sputh Street, Chestnut Hill, MA 02467 (US). HECKERS, Stephan [US/US]; 220 South Street, Chesnut Hill, MA 02467 (US).

(74) ELBING, Karen, L. et al. / etc.; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085615 (13) A2
- (21) PCT/US2004/008541
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/456,972 20 Mar/mar 2003 US
(20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • GLUCOSIDASES, NUCLEIC ACIDS
ENCODING THEM AND METHODS
FOR MAKING AND USING THEM
- GLUCOSIDASES, ACIDES NU-
CLEIQUES CODANT CELLES-CI,
AINSI QUE PROCÉDES DE FABRI-
CATION ET D'UTILISATION DE
CELLES-CI
- (71) DIVERSA CORPORATION [US/US];
4955 Directors Place, San Diego, CA 92121
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GRAY, Kevin [US/US]; 12119 Eleonore
Court, San Diego, CA 92131 (US). GAR-
RETT, James, B. [US/US]; 13605 Sycamore
Tree Lane, Poway, CA 92064 (US).
ABOUSHADI, Nahla, M. [EG/US]; 3359
Elmwood Way, San Marcos, CA 92069 (US).
KNOWLES, Ryan [US/US]; 1342 Tamarisk
Grove Drive, Chula Vista, CA 91915 (US).
O'DONOGHUE, Eileen [US/US]; 1073
Loring Street, San Diego, CA 92107 (US).
WATERS, Elizabeth [US/US]; 4020 Porte
de Palmas, #40, San Diego, CA 92122 (US).
- (74) EINHORN, Gregory, P. et al. / etc.; Mor-
rison & 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT 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 2004/085617 (13) A2
- (21) PCT/US2004/008661
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,768 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TIMP3 AS VEGF INHIBITOR
- INHIBITEUR DE VEGF EN TANT QUE
TIMP3
- (71) THE CLEVELAND CLINIC FOUNDA-
TION [US/US]; 9500 Euclid Avenue, Cleve-
land, OH 44195 (US).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72) ANAND-APTE, Bela; 19917 Malvern
Road, Shaker Heights, OH 44195 (US).
- (74) SUTKUS, Richard, A.; Tarolli, Sundheim,
Covell & Tummino L.L.P., 526 Superior Av-
enue, Suite 1111, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085618 (13) A2
- (21) PCT/US2004/008805
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 60/456,816 21 Mar/mar 2003 US
(21.03.2003)
- (30) 60/456,901 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF SCREENING FOR TAR-
GET LIGANDS
- METHODE CRIBLAGE DE LIGANDS
CIBLES
- (71) NEOGENESIS PHARMACEUTICALS,
INC. [US/US]; 840 Memorial Drive, Cam-
bridge, MA 02139 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) NASH, Huw, M.; -MASON, Keith
[US/US]; 74 Antwerp Street, Apt. 3,
Brighton, MA 02135 (US). MOALLEMI,
Ciamac [US/US]; 118 South Street, Apt.
3B, Boston, MA 02111 (US). WINTNER,
Edward [US/US]; 44 Valentine Street, Cam-
bridge, MA 02139 (US). FLYNN, Daniel
[US/US]; 3 Great Rock Circle, Natick, MA
01760 (US). KELLY, Michael [—/US]; 790
San Doval Place, Thousand Oaks, CA 91360
(US). ADAMS, Steve [US/US]; 12 Berkeley
Lane, Andover, MA 01810 (US). ZHENG,
Zhongli [US/US]; 640 Marrett Road, Lex-
ington, MA 02421 (US). MAKARA, Greg
[US/US]; 24 Antrim Street #1, Cambridge,
MA 02139 (US).
- (74) MYERS, Louis; Fish & Richardson P.C.,
225 Franklin Street, Boston, MA 02110-2804
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085619 (13) A2

(21) PCT/US2004/008807

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,714 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXPRESSION OF DESIRABLE PROTEINS IN PLANT ROOTS AND CELL CULTURES

• EXPRESSION DES PROTEINES SOUHAITEES DANS DES RACINES DE PLANTES ET DES CULTURES DE CELLULES DE PLANTES

(71) ARIZONA BOARD OF REGENTS, acting for and on behalf of, ARIZONA STATE UNIVERSITY [—/US]; The Brickyard, 699 South Mill Avenue, Suite 601, Room 691AA, Tempe, AZ 85281 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) WINICOV, Ilga; Post Office Box 614, Wal-doboro, ME 04572 (US).

(74) LUTHER, Barbara, J.; Quarles & Brady Streich Lang LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085620 (13) A2

(21) PCT/US2004/008850

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,550 24 Mar/mar 2003 US (24.03.2003)

(30) 60/529,405 15 Dec/déc 2003 US (15.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL ATTACHED CELL LINES

• NOUVELLES LIGNES CELLULAIRES FIXES

(71) INVITROGEN CORPORATION [US/US]; 1600 Faraday Avenue, Carlsbad, California 92008 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CATES, Sharon [US/US]; 12614 Carmel Country Road, Apt. 49, San Diego, California 92130 (US). CICCARONE, Valentina C. [US/US]; 11044 Rutledge Drive, Gaithersburg, Maryland 20878 (US). GRUBER, Dale F. [US/US]; 92 Cheshire Lane, East Amherst, New York 14051 (US). HAWLEY-NELSON, Pamela [US/US]; 483 Fillman Road, Downingtown, Pennsylvania 19335 (US).

(74) ESMOND, Robert, W. et al. / etc.; Sterne, Kessler, Goldstein & Fox, P.L.L.C., 1100 New York Ave., N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085621 (13) A2

(21) PCT/US2004/008866

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,735 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GENE EXPRESSION IN BREAST CANCER

• EXPRESSION GENETIQUE DANS LE CANCER DU SEIN

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLYAK, Kornelia [US/US]; 1856 Beacon Street, #6F, Brookline, MA 02445-1946 (US). PORTER, Dale [US/US]; 409 Marlborough Street, Apt. 45, Boston, MA 02115 (US). ALLINEN, Minna [FI/US]; -

(74) MACPHAIL, Stuart; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 2004/085622 (13) A2

(21) PCT/US2004/008905

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,022 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NETWORK-ENABLED SOFTWARE LOGIC PROVIDING DISCOVERY AND CONFIGURATION OF NETWORK APPLIANCES COUPLED TO A LAN

• LOGIQUE LOGICIELLE ACTIVEE PAR RESEAU, PERMETTANT LA DECOUVERTE ET LA CONFIGURATION D'APPAREILS DE RESEAU COUPLES A UN RL

(71) NETFABRIC CORPORATION [US/US]; 67 Federal Road, Building A, Suite 300, Brookfield, CT 06804 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBINSON, Jeffrey, I. [GB/US]; 37 Eastview Drive, New Fairfield, CT 06812 (US).

(74) GORDON, David, P. et al. / etc.; Gordon & Jacobson, P.C., 65 Woods End Road, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085623 (13) A2

(21) PCT/US2004/008968

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,989 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A COMPACT SYNTHETIC EXPRESSION VECTOR COMPRISING DOUBLE-STRANDED DNA MOLECULES AND METHODS OF USE THEREOF

• VECTEUR D'EXPRESSION DE SYNTHESE COMPACT COMPRENANT DES MOLECULES D'ADN DOUBLE BRIN ET METHODES D'UTILISATION DE CE VECTEUR

(71) UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION [US/US]; 200

- Gardner Steel Conference Center, Pittsburgh, PA 15260 (US).
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- (72, 75) **ROBBINS, Paul, D.** [US/US]; 191 Main Entrance Drive, Mt. Lebanon, PA 15228 (US). **MAI, Jeffrey, C.** [US/US]; 6112 Alder Street, Apt. #E3, Pittsburgh, PA 15206 (US).
- (74) **SEIDE, Rochelle, K.** et al. / etc.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/085625** (13) A2
- (21) PCT/US2004/009388
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 60/457,403 **24 Mar/mar 2003** US (24.03.2003)
- (30) 60/465,568 **24 Apr/avr 2003** US (24.04.2003)
- (30) 60/476,135 **4 Jun/juin 2003** US (04.06.2003)
- (30) 60/476,583 **6 Jun/juin 2003** US (06.06.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
• PROTEINES ASSOCIEES A LA CROISSANCE, A LA DIFFERENCIATION ET A LA MORT CELLULAIRE
- (71) **INCYTE CORPORATION** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). **TRAN, Uyen, K.** [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). **YANG, Yonghong, G.** [UG/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **TANG, Tom, Y.** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **MURAGE, Jagi** [US/US]; 1025 Foxchase Drive, San Jose, CA 95123 (US). **WANG, Jonathan, T.** [US/US]; 173 Campbell Drive, Mountain View, CA 94043 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **CHIEN, David** [US/US]; 444 Yerba Buena Avenue, Los Altos, CA 94022 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **AZIMZAI, Yalda** [US/US]; 280 Caldecott Lane #118, Oakland, CA 94618 (US). **ISON, Craig, H.** [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (US). **KHARE, Reena** [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). **JIN, Pei** [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **FAVERO, Kristin, D.** [US/US]; 1660 Gordon Street #35, Redwood City, CA 94061 (US). **RICHARDSON, Thomas, W.** [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). **HAFALIA, April, J.A.** [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). **BAUGHN, Mariah, R.** [US/US]; 8547 W. Horner Street, Los Angeles, CA 90035 (US). **BECHA, Shanya,**
- D.** [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). **WILSON, Amy, D.** [US/US]; 5301 Newcastle Avenue, #30, Encino, CA 91316 (US).
- (74) **FOLEY & LARDNER LLP**; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/16, B09C 1/10, C02F 3/00
- (11) **WO 2004/085626** (13) A1
- (21) PCT/KR2004/000671
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10-2003-0018913 **26 Mar/mar 2003** KR (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MICROBIAL MATERIALS FOR DEGRADATION OF OILS AND TOXIC CHEMICALS
• MATERIAUX MICROBIENS SERVANT A DEGRADER DES HUILES ET DES PRODUITS CHIMIQUES TOXIQUES
- (71, 72) **YUM, Kyu-Jin** [KR/KR]; #364-10 Moonwon-Dong Kwachon City, Kyunggi-Do 427-090 (KR).
- (72, 75) **PARK, Young-Jun** [KR/KR]; 102, Gwanakgoldenvill, #196-5 Bongcheon-Dong,, Gwanak-Gu, Seoul 151-050 (KR).
- (74) **SA, Kwang-Young**; 414, Seongji Heights 3-cha Bldg., Yeoksam 1-Dong,, Gangnam-Gu, Seoul 135-717 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/18, 15/01
- (11) **WO 2004/085627** (13) A1
- (21) PCT/SE2004/000404
- (22) **19 Mar/mar 2004 (19.03.2004)**

- (25) en (26) en
- (30) 0300876-0 **26 Mar/mar 2003** SE
(26.03.2003)
- (30) 0302252-2 **21 Aug/août 2003** SE
(21.08.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NEW SACCHAROMYCES CEREVISIAE STRAINS UTILIZING XYLOSE
• NOUVELLES SOUCHES DE SACCHAROMYCES CEREVISIAE QUI UTILISE DU XYLOSE
- (71) FORSKARPATENT I SYD AB [SE/SE]; Idéon, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SONDEREGGER, Marco [CH/CH]; Via alle vigne 72, CH-6600 Locarno (Ti) (CH). SAUER, Uwe Erich [CH/CH]; Hauswiesenstrasse 7, CH-8049 Zürich (CH).
- (74) STRÖM & GULLIKSSON IP AB; Lindholmospiren 5, S-417 56 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/20, C12R 1/01, A61K 35/74
- (11) WO 2004/085628 (13) A1
- (21) PCT/GB2004/001398
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 0307026.5 **27 Mar/mar 2003** GB
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LACTIC ACID UTILISING BACTERIA AND THEIR THERAPEUTIC USE
• BACTERIES CONSOMMANT DE L'ACIDE LACTIQUE ET LEUR UTILISATION THERAPEUTIQUE
- (71) ROWETT RESEARCH INSTITUTE [GB/GB]; Greenburn Road, Bucksburn, Aberdeen AB21 9SB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUNCAN, Sylvia, Helen [GB/GB]; 15 Newburgh Road, Bridge of Don, Aberdeen AB22 8SQ (GB). FLINT, Harry, James [GB/GB]; Premney School House, Auchleven, By Insh, Aberdeenshire AB52 6QA (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C12N 1/21, 9/04, 15/09
- (11) WO 2004/085629 (13) A1
- (21) PCT/JP2004/004074
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-082739 **25 Mar/mar 2003** JP
(25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR PRODUCING GLUCOSE DEHYDROGENASE
• PROCEDE DE PRODUCTION DE GLUCOSE DESHYDROGENASE
- (71) ARKRAY, INC. [JP/JP]; 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto 6018045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAOKA, Hideaki [JP/JP]; c/o Arkray, Inc., 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto 6018045 (JP). HOSHIIJIMA, Mitsuhiro [JP/JP]; c/o Arkray, Inc., 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto 6018045 (JP). KAWASE, Shido [JP/JP]; c/o Unitika Ltd., Central Research Laboratories, 23, Uji-kozakura, Uji-shi, Kyoto 6110021 (JP). KUROSAKA, Keisuke [JP/JP]; c/o Unitika Ltd., Central Research Laboratories, 23, Uji-kozakura, Uji-shi, Kyoto 6110021 (JP).
- (74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building, 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 1030004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 5/00, 5/08
- (11) WO 2004/085630 (13) A1
- (21) PCT/AU2004/000416
- (22) 29 Mar/mar 2004 (29.03.2004)

- (25) en (26) en
- (30) 2003901668 **28 Mar/mar 2003** AU
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PERIVASCULAR MESENCHYMAL PRECURSOR CELLS
• CELLULES PRECURSEURS MESENCHYMATEUSES PERIVASCULAIRES
- (71) MEDVET SCIENCE PTY LTD [AU/AU]; 33 Dalgleish Street, Thebarton, S.A. 5031 (AU). ANGIOBLAST SYSTEMS INCORPORATED [US/US]; 279 East 44th Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRONTHOS, Stan [AU/AU]; 21 Light Place, Colonel Light Gardens, S.A. 5041 (AU). ZANNETTINO, Andrew [AU/AU]; 1 Cypress Court, Highbury, S.A. 5089 (AU). SHI, Songtao [AU/US]; 14732 Maine Cove Terrace, North Potomac, MD 20878 (US).
- (74) A.P.T. PATENT AND TRADE MARK ATTORNEYS; P.O. Box 222, Mitcham, S.A. 5062 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ C12N 5/06, 15/11
- (11) WO 2004/085631 (13) A2
- (21) PCT/CA2004/000456
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/458,863 **28 Mar/mar 2003** US
(28.03.2003)
- (30) 60/526,385 **1 Dec/déc 2003** US
(01.12.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CANINE EMBRYONIC STEM CELLS
• CELLULES SOUCHES EMBRYONAIRES CANINES
- (71) MOUNT SINAI HOSPITAL [CA/CA]; 600 University Avenue, Room 970, Toronto, Ontario M5G 1X5 (CA). SONNYBROOK AND WOMEN'S COLLEGE HEALTH SCIENCE CENTER [CA/CA]; 2075 Bayview Avenue, Toronto, Ontario M4N 3M5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROSIC-KABLAR, Suzana [CA/CA]; 53 Thorncliffe Park Drive, Toronto, Ontario M4H 1L1 (CA). HOUGH, Margaret R. [CA/CA]; 218 Airdrie, Toronto, Ontario

- M4G IM8 (CA). NAGY, Andras [CA/CA]; 50 John Street, Apartment 1009, Toronto, Ontario M5V 3T5 (CA).
- (74) KURDYDYK, Linda et al. / etc.; McCarthy Tetrault, 66 Wellington Street West, Suite 4700, P.O. Box 48, Toronto Dominion Bank Tower, Toronto Dominion Centre, Toronto, Ontario M5K 1E6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, A61K 35/28, A61P 43/00, G01N 33/15
- (11) WO 2004/085632 (13) A1
- (21) PCT/JP2004/004090
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-83106 25 Mar/mar 2003 JP (25.03.2003)
- (30) 2003-95242 31 Mar/mar 2003 JP (31.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CONTROL OF STEM CELL DIFFERENTIATION INDUCTION AND DIFFERENTIATION POTENCY
- COMMANDE DE L'INDUCTION DE LA DIFFERENCIATION DE CELLULES SOUCHES ET DE LA CAPACITE DE DIFFERENCIATION
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [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) OBINATA, Masuo [JP/JP]; 3-10-402, Hachiman 5-chome, Aoba-ku, Sendai-shi, Miyagi 980-0871 (JP). SUZUKI, Yoshi-hisa [JP/JP]; 11-7, Komatsushima 2-chome, Aoba-ku, Sendai-shi, Miyagi 981-0905 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N 7/00, 7/04, C07H 21/00, C07K 14/165, G01N 33/569, 33/68, C12Q 1/04, A61K 39/215, A61P 31/14, 11/00
- (11) WO 2004/085633 (13) A1
- (21) PCT/CN2004/000248
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,031 24 Mar/mar 2003 US (24.03.2003)
- (30) 60/457,730 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/459,931 2 Apr/avr 2003 US (02.04.2003)
- (30) 60/460,357 3 Apr/avr 2003 US (03.04.2003)
- (30) 60/461,265 8 Apr/avr 2003 US (08.04.2003)
- (30) 60/462,805 14 Apr/avr 2003 US (14.04.2003)
- (30) 60/464,886 23 Apr/avr 2003 US (23.04.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A NOVEL HUMAN VIRUS CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS) AND USES THEREOF
- NOUVEAU VIRUS HUMAIN PROVOQUANT LE SYNDROME RESPIRATOIRE AIGU SEVERE (SARS) ET SON UTILISATION
- (71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) CHAN, Kwokhung; 3A, Wisteria Mansion, Taikoo Shing, Quarry Bay, Hong Kong (CN). GUAN, Yi; 11A, Block 4, Pokfulam Garden, 180 Pokfulam Road, Hong Kong (CN). NICHOLLS, John, Malcolm; 5B Royalton, 118 Pokfulam Road, Pokfulam, Hong Kong (CN). PEIRIS, Joseph, Sriyal, Malik; 19/F., Block 29, Baguio Villa, 550 Victoria Road, Hong Kong (CN). POON, Litman; Flat 21H, Block 2, PPhase 3, Belvedere Garden, Tsuen Wan, Hong Kong (CN). YUEN, Kwokyoung; Flat C, 19/F., Block 20, Baguio Villa, 555 Victoria Road, Pokfulam Road, Hong Kong (CN). LEUNG, Frederick, C.; 24th Floor, Starr Hall, 91B Pokfulam Road, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N 7/00
- (11) WO 2004/085634 (13) A2
- (21) PCT/EP2004/050360
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 03075842.9 24 Mar/mar 2003 EP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • AN INFECTIOUS BURSAL DISEASE VIRUS (IBDV) MUTANT EXPRESSING VIRUS NEUTRALISING EPITOPES SPECIFIC FOR CLASSIC- AND VARIANT IBDV STRAINS
- MUTANT DU VIRUS DE LA BURSITE INFECTIEUSE EXPRIMANT DES EPITOPES NEUTRALISANT LE VIRUS SPECIFIQUES DES SOUCHES DU VIRUS CLASSIQUE OU DE LEURS VARIANTES
- (71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MUNDT, Egbert [DE/DE]; Dorfs-trasse 37, D-18461 Millienhage (DE). LET-ZEL, Tobias [DE/DE]; Poratzstrasse 49 A, D-16225 Eberswalde (DE). PAUL, Guntram [DE/DE]; Gruner Graben, 47551 Bedburg Hau (DE). VAN LOON, Adriaan Antonius Wilhelmus Maria [NL/NL]; Maasstraat 2b, NL-5836 BB Sambeek (NL).
- (74) MESTROM, J.J.L.; Intervet International B.V., P.O. Box 31, NL-5830 AA Boxmeer (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N 7/04, A61K 39/00, 39/39, C12N 15/11
- (11) WO 2004/085635 (13) A1
- (21) PCT/EP2004/003164
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,348 26 Mar/mar 2003 US (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MELAN-A PEPTIDE ANALOGUE-VIRUS-LIKE-PARTICLE CONJUGATES
- CONJUGUES DE PARTICULES D'ASPECT VIRAL D'ANALOGUES DU PEPTIDE MELAN-A

(71) **CYTOS BIOTECHNOLOGY AG** [CH/CH]; Wagistrasse 25, CH-8952 Schlieren (CH).
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(72, 75) **BACHMANN, Martin, F.** [CH/CH]; Goldackerweg 8, CH-8472 Seuzach (CH). **MANOLOVA, Vania** [BG/CH]; Pestalozzistrasse 41, CH-8032 Zurich (CH). **MEIJERINK, Edwin** [NL/CH]; Rebbergstrasse 50, CH-8049 Zurich (CH). **PROBA, Karl, G.** [DE/CH]; Tramstrasse 95, CH-8050 Zurich (CH). **SCHWARZ, Katrin** [DE/CH]; Alter Zürichweg 31, CH-8952 Schlieren (CH).

(74) **WICHMANN, Hendrik**; Isenbruck Bösl Hörschler Wichmann Huhn, Prinzregentenstr. 68, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 9/02, C12P 7/02, 41/00

(11) WO 2004/085636 (13) A1

(21) PCT/EP2004/002727

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 103 13 972.9 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COUPLED COFACTOR-DEPENDENT ENZYMATIC REACTION SYSTEM
• SYSTEME REACTIONNEL ENZYMATIQUE COUPLE DEPENDANT D'UN COFACTEUR

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 9/02

(11) WO 2004/085637 (13) A1

(21) PCT/GB2004/001383

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0306782.4 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TREATMENT OF INFECTION DUE TO CLOSTRIDIUM DIFFICILE
• TRAITEMENT D'UNE INFECTION CAUSEE PAR <I>CLOSTRIDIUM DIFFICILE<I>

(71) **NEUTEC PHARMA PLC** [GB/GB]; Clinical Sciences Building, Central Manchester Healthcare Trust, Oxford Road, Manchester, Lancashire M13 9WL (GB).
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(72, 75) **BURNIE, James Peter** [GB/GB]; 1 Greystoke Drive, Alderley Edge, Cheshire SK9 7PY (GB). **MATTHEWS, Ruth, Christine** [GB/GB]; 1 Greystoke Drive, Alderley Edge, Cheshire SK9 7PY (GB).

(74) **MCCALLUM, Graeme, David et al.** / etc.; Lloyd Wise, McNeight & Lawrence, Highbank House, Exchange Street, Stockport, Cheshire SK3 0ET (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 9/14, 15/52, A23K 1/165

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(21) PCT/KR2004/000680

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0018573 25 Mar/mar 2003 KR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHYTASE PRODUCED FROM CITROBACTER BRAAKII
• PHYTASE OBTENUE A PARTIR DE CITROBACTER BRAAKII

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(72, 75) **KIM, Young Ok** [KR/KR]; 384-27(8/2), Jangjeon 1(il)-dong, Geumjeong-gu, Busan 609-838 (KR). **KIM, Han Woo** [KR/KR]; 220-10 26/3, Munhyeon 3(sam)-dong, Nam-gu, Busan 608-823 (KR). **LEE, Jeong Ho** [KR/KR]; #214-1503 Byucksan 2cha Apt., Jwa-dong, Haendae-gu, Busan 612-766 (KR). **KIM, Kyung Kil** [KR/KR]; #101-1705 Kyungdong Apt., 304-1 Yeonsan 1(il)-dong, Yeonje-gu, Busan 611-811 (KR). **LEE, Jong Yun** [KR/KR]; #107-2002 Byucksan Apt., 1321, Jwa-dong, Haendae-gu, Busan 612-840 (KR). **KONG, In Soo** [KR/KR]; #1-1-204 Kyungnam Marina Apt., Woo-dong, Haendae-gu, Busan 612-020 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 9/52, 1/20

(11) WO 2004/085639 (13) A1

(21) PCT/SE2004/000405

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 0300778-8 24 Mar/mar 2003 SE (24.03.2003)

(30) 0303120-0 25 Nov/nov 2003 SE (25.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOVEL ALKALINE PROTEASE

• NOUVELLE PROTEASE ALCALINE

(71) **FORSKARPATENT I SYD AB** [SE/SE]; Idéon, S-223-70 Lund (SE).
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(72, 75) **HATTI-KAUL, Rajni** [SE/SE]; Drapavägen 23, S-224 74 Lund (SE). **MATTI-ASSON, Bo** [SE/SE]; Trädgårdsmästaren 26, S-245 62 Hjärrup (SE). **GESSESSE, Amare** [ET/DK]; Vangen 89, 3 tr, DK-9400 Nørresundby (DK).

(74) **STRÖM & GULLIKSSON IP AB**; Lindholmsspiren 5, S-417 56 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/14, 9/04

(11) **WO 2004/085640** (13) A1

(21) PCT/IN2003/000095

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS FOR PREPARATION OF THERMOSTABLE ENZYME

• PROCÉDE D'ELABORATION D'ENZYME THERMOSTABLE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
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(72, 75) **THAKUR, Munna, Singh** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **VEGESNA, Renu, Sarath, Babu** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **KARANTH, Naikankatte, Ganesh** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **KUMAR, Mysore, Anantharamaiah** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) **BHOLA, Ravi; K & S Partners**, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 :

(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 C12N 15/00, A01H 5/00

(11) **WO 2004/085641** (13) A1

(21) PCT/JP2004/002563

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) ja (26) ja

(30) 2003-080847 **24 Mar/mar 2003 JP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STRESS-INDUCED PROMOTER AND METHOD OF USING THE SAME

• PROMOTEUR INDUIT PAR LE STRESS ET METHODE D'UTILISATION DE CE DERNIER

(71) **JAPAN INTERNATIONAL RESEARCH CENTER FOR AGRICULTURAL SCIENCES** [JP/JP]; 1-1, Owashi, Tsukuba-shi, Ibaraki 305-8686 (JP). **INCORPORATED ADMINISTRATIVE AGENCY, NATIONAL AGRICULTURE AND BIO-ORIENTED RESEARCH ORGANIZATION** [JP/JP]; 1-1, Kannondai 3-chome, Tsukuba-shi, Ibaraki 305-8517 (JP).

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(74) **HIRAKI, Yusuke et al.** / etc.; Toranomon No.5, Mori Building, 3rd Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, C07K 14/47, C12Q 1/68, A61K 31/7088, 48/00, 39/395, A61P 19/02, 29/00, G01N 33/15, 33/50

(11) **WO 2004/085642** (13) A1

(21) PCT/JP2004/004352

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-127573 **27 Mar/mar 2003 JP (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ARTHRITIS-ASSOCIATED GENE AND USE THEREOF IN EXAMINING ARTHRITIS

• GENE LIE A L'ARTHRITE ET SON UTILISATION DANS L'EXAMEN DE L'ARTHRITE

(71, 72) **MURAMATSU, Takashi** [JP/JP]; 2845-161, Aza kuroishi, Oaza hirabari, Tenpaku-cho, Tenpaku-ku, Nagoya-shi, Aichi 4680021 (JP).

(72, 75) **MARUYAMA, Kiyoko** [JP/JP]; 405, 5th Kyocihaitsu, 1-18, Tenjin-cho, Showa-ku, Nagoya-shi, Aichi 4660032 (JP). **MURAMATSU, Hisako** [JP/JP]; 2845-161, Aza kuroishi, Oaza hirabari, Tenpaku-cho, Tenpaku-ku, Nagoya-shi, Aichi 4680021 (JP). **ISHIGURO, Naoki** [JP/JP]; 2-203, Kamisuge, Meito-ku, Nagoya-shi, Aichi 4650014 (JP).

(74) **SHIMIZU, Hatsushi et al.** / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 3000847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 03006568.4 **24 Mar/mar 2003 EP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND DEVICES FOR PRODUCING BIOMOLECULES

• PROCÉDES ET DISPOSITIFS POUR LA PRODUCTION DE BIOMOLECULES

(71) **BOEHRINGER INGELHEIM AUSTRIA GMBH** [AT/AT]; Dr. Boehringer-Gasse 5-11, A-1120 Wien (AT).
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(72, 75) **URTHALER, Jochen** [AT/AT]; Johannesstrasse 25/12, A-2344 Maria Enzersdorf (AT). **NECINA, Roman** [AT/AT]; Schillgasse 32/18, A-1210 Wien (AT). **ASCHER, Christine** [AT/AT]; Daxerfeld 3, A-6250 Kundl (AT). **WOEHRER, Helga** [AT/AT]; Schlussnerstrasse 11/1/31, A-2340 Moedling (AT).

(74) **HAMMANN, Heinz**; Boehringer Ingelheim GmbH, 55216 Ingelheim am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11

(11) **WO 2004/085644** (13) A2

(21) PCT/EP2004/002881

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/457,574 **26 Mar/mar 2003 US (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD FOR PRODUCING RECOMBINANT ORGANISMS**

• **METHODE DE PRODUCTION D'ORGANISMES RECOMBINANTS**

(71) **BASF PLANT SCIENCE GMBH** [DE/DE]; 67056 Ludwigshafen (DE).
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(72, 75) **BADUR, Ralf** [DE/DE]; Theodor-Storm-Str. 7B, 67117 Limburgerhof (DE). **REISS, Bernd** [DE/DE]; Astenweg 23, 50259 Pulheim (DE).

(74) **BIEBERBACH, Andreas**; c/o BASF Aktiengesellschaft, 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, A61K 31/7088, 31/713, A01K 67/027

(11) **WO 2004/085645** (13) A1

(21) PCT/EP2004/003078

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 0306715.4 **24 Mar/mar 2003 GB (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **RNA INTERFERENCE IN FISH**

• **INTERFERENCE DE L'ARN DANS LE POISSON**

(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) **HORNE, Michael** [GB/GB]; Novartis, Enterprise House, Springkerse Business Park, Stirling, Scotland FK7 7UF (GB). **BARNES, Andrew, Cartner** [GB/AU]; 21 Hawken Drive, St. Lucia, Brisbane Qld 4067 (AU).

(74) **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/EP2004/003182

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,695 **26 Mar/mar 2003 US (26.03.2003)**

(30) 60/463,934 **18 Apr/avr 2003 US (18.04.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **CYCLIC AMP RESPONSE ELEMENT ACTIVATOR PROTEINS AND USES RELATED THERETO**

• **PROTEINES ACTIVATEURS D'ELEMENTS DE REPONSE AMP CYCLIQUES ET UTILISATIONS CORRESPONDANTES**

(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).
(only for / seulement pour AT)

(72, 75) **IOURGENKO, Vadim** [UA/US]; 315 Mansfield Street, Sharon, MA 02067 (US). **LABOW, Mark, Aron** [US/US]; 6 Cedarwood Terrace, Lexington, MA 02421 (US). **SONG, Chuazheng** [CN/US]; 11 Fiddle-neck Lane, Southborough, MA 01772 (US). **ZHANG, Wenjun** [CN/US]; 37 Woodmont Drive, Randolph, NJ 07869 (US). **ZHU, Jian** [CN/US]; 511 Franklin Avenue, Apt. C6, Belleville, NJ 07109 (US).

(74) **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/JP2004/004190

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-085666 **26 Mar/mar 2003 JP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **LOW-MOLECULAR WEIGHT PEPTIDES INHIBITING ION CHANNEL ACTIVITY**

• **PEPTIDES A FAIBLE POIDS MOLECULAIRE INHIBANT L'ACTIVITE DE CANAL IONIQUE**

(71) **PHARMADESIGN, INC.** [JP/JP]; 6F Haseko Hatchobori Bldg., 19-8, Hatchobori 2-chome, Chuo-ku, Tokyo 1040032 (JP).
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(72, 75) **YOKOTAGAWA, Takane** [JP/JP]; c/o Pharmadesign, Inc., 6F Haseko Hatchobori Bldg., 19-8, Hatchobori 2-chome, Chuo-ku, Tokyo 1040032 (JP). **SOKABE, Masahiro** [JP/JP]; c/o Department of Physiology, Nagoya University, Graduate School of Medicine, 65, Tsurumai-cho, Showa-ku, Nagoya-shi, Aichi 4660065 (JP). **FURUYA, Toshio** [JP/JP]; c/o Pharmadesign, Inc., 6F Haseko Hatchobori Bldg., 19-8, Hatchobori 2-chome, Chuo-ku, Tokyo 1040032 (JP).

(74) **KOBAYASHI, Hiroshi** et al. / etc.; c/o Abe, Ikubo & Katayama, Fukuoka Bldg., 9th Floor, 8-7, Yaesu 2-chome, Chuo-ku, Tokyo 1040028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/12, 15/62, 15/63, C07K 14/47, 16/18, A61K 38/17, 39/395, 48/00
- (11) WO 2004/085648 (13) A2
- (21) PCT/US2004/008323
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 60/455,756 19 Mar/mar 2003 US (19.03.2003)
- (30) 60/480,241 20 Jun/juin 2003 US (20.06.2003)
- (30) 60/492,057 1 Aug/août 2003 US (01.08.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOGO RECEPTOR BINDING PROTEIN
• PROTEINE DE LIAISON DE RECEPTEUR DE NOGO
- (71) BIOGEN IDEC MA INC. [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MI, SHA [US/US]; 4 Vernon Road, Belmont, MA 02478 (US). MCCOY, JOHN [GB/US]; 56 Howard Street, Reading, MA 01867 (US). PEPINSKY, R., BLAKE [US/US]; 30 Falmouth Road, Arlington, MA 02474 (US). LEE, DANIEL, H., S. [CA/US]; 361 Dutton Road, Sudbury, MA 01776 (US).
- (74) HALEY, JAMES, F., JR. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 15/31, C07K 14/32, C12N 5/10, C12P 21/00
- (11) WO 2004/085649 (13) A1
- (21) PCT/EP2004/001950
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) de (26) de
- (30) 103 09 555.1 4 Mar/mar 2003 DE (04.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PRFB FACTOR (PEPTIDE CHAIN RELEASE FACTOR B) FROM BACILLUS LICHENIFORMIS AND THE UTILIZATION THEREOF FOR ENHANCING THE PROTEIN FORMATION RATE
• FACTEUR PRFB (FACTEUR DE LIBERATION DE CHAÎNE PEPTIDIQUE B) ISSU DE BACILLUS LICHENIFORMIS ET UTILISATION DE CELUI-CI POUR L'AUGMENTATION DU TAUX DE FORMATION DE PROTEINES
- (71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HINTZ, Maren [DE/DE]; Ziegelstrasse 41, 40468 Düsseldorf (DE). FREUDL, Roland [DE/DE]; Isolastrasse 1, 52353 Düren (DE). FEESCHE, Jörg [DE/DE]; Georg-Büchner Strasse 23, 40699 Erkrath (DE). BREVES, Roland [DE/DE]; Schwalbenweg 5, 40822 Mettmann (DE).
- (74) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN; Patente (VTP), 40191 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ C12N 15/50, C07K 14/165, A61K 39/215, G01N 33/569, A61P 31/14, 11/00
- (11) WO 2004/085650 (13) A1
- (21) PCT/CN2004/000246
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,031 24 Mar/mar 2003 US (24.03.2003)
- (30) 60/457,730 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/459,931 2 Apr/avr 2003 US (02.04.2003)
- (30) 60/460,357 3 Apr/avr 2003 US (03.04.2003)
- (30) 60/461,265 8 Apr/avr 2003 US (08.04.2003)
- (30) 60/462,805 14 Apr/avr 2003 US (14.04.2003)
- (30) 60/464,886 23 Apr/avr 2003 US (23.04.2003)
- (30) 60/465,738 25 Apr/avr 2003 US (25.04.2003)
- (30) 60/470,935 14 May/mai 2003 US (14.05.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)
• ESSAI DIAGNOSTIQUE HAUTE VITESSE POUR LA DETECTION DU VIRUS HUMAIN PROVOQUANT LE SYNDROME RESPIRATOIRE AIGU SEVERE (SRAS)
- (71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72) CHAN, Kwokhung; 3A, Wisteria Mansion, Taikoo Shing, Quarry Bay, Hong Kong (CN). GUAN, Yi; 11A, Block 4, Pokfulam Garden, 180 Pokfulam Road, Hong Kong (CN). NICHOLLS, John, Malcolm; 5B Royalton, 118 Pokfulam Road, Pokfulam, Hong Kong (CN). PEIRIS, Joseph, Sriyal, Malik; 19/F, Block 29, Baguio Villa, 550 Victoria Road, Hong Kong (CN). POON, Litman; Flat 21H, Block 2, PHase 3, Belvedere Garden, Tsuen Wan, Hong Kong (CN). YUEN, Kwokying; Flat C, 19/F, Block 20, Baguio Villa, 555 Victoria Road, Hong Kong (CN). LEUNG, Frederick, C.; 24th Floor, Starr Hall, 91B Pokfulam Road, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 15/52, 9/18, C12Q 1/68
- (11) WO 2004/085651 (13) A2
- (21) PCT/EP2004/002902
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/459,220 28 Mar/mar 2003 US (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOVEL ENZYMES
• NOUVELLES ENZYMES
- (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) GILL, Iqbal [GB/US]; 512 Franklin Avenue, Nutley, NJ 07110 (US). GUO, Dahai [CN/US]; 200 Schulz Drive, Red Bank, NJ

- 07701 (US). LEHMANN, Martin [DE/DE]; Talstrasse 21, 79639 Grenzach-Wyhlen (DE). MOYNAGH, Dermot, P. [IE/US]; 1116 Edgewood Avenue, Berwyn, PA 19312 (US). VALIVETY, Rao, Hanumantha [GB/US]; 1320 E. Alognquin Road, Schaumburg, IL 60173 (US).
- (74) SCHWANDER, Kuno, Josef; Roche Vitamins Ltd., Wurmisweg 576, CH-4303 Kaiser-augst (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 15/53, C12Q 1/68, C12N 9/08, C12C 1/00
- (11) WO 2004/085652 (13) A1
- (21) PCT/JP2004/004217
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ja (26) ja
- (30) 2003-083924 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BARLEY LIPOXYGENASE 1 GENE, METHOD OF SELECTING BARLEY VARIETY, MATERIAL OF MALT ALCOHOLIC DRINKS AND PROCESS FOR PRODUCING MALT ALCOHOLIC DRINK
- GENE DE LIPOXYGENASE-1 D'ORGE, PROCEDE DE SELECTION D'UNE VARIETE D'ORGE, SUBSTANCE POUR BOISSONS ALCOOLISEES A BASE DE MALT ET PROCEDE DE PRODUCTION D'UNE BOISSON ALCOOLISEE A BASE DE MALT
- (71) SAPPORO BREWERIES LIMITED [JP/JP]; 20-1, Ebisu 4-chome, Shibuya-ku, Tokyo, 1508522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIROTA, Naohiko [JP/JP]; c/o Sapporo Breweries Limited, Bioresources Research and Development Laboratories, 37-1, Kizaki, Nitta-machi, Nitta-gun, Gunma, 3700393 (JP). KANEKO, Takafumi [JP/JP]; c/o Sapporo Breweries Limited, Bioresources Research and Development Laboratories, 37-1, Kizaki, Nitta-machi, Nitta-gun, Gunma, 3700393 (JP). KURODA, Hisao [JP/JP]; c/o Sapporo Breweries Limited, Frontier Laboratories of Value Creation, 10, Okatohme, Yaizu-shi, Shizuoka, 4250013 (JP). KANEDA, Hirotaka [JP/JP]; c/o Sapporo Breweries Limited, Frontier Laboratories of Value Creation, 10, Okatohme, Yaizu-shi, Shizuoka, 4250013 (JP). TAKOI, Kiyoshi [JP/JP]; c/o Sapporo Breweries Limited, Frontier Laboratories of Value Creation, 10, Okatohme, Yaizu-shi, Shizuoka, 4250013 (JP). TAKEDA, Kazuyoshi [JP/JP]; 1169-171, Ariki, Kurashiki-shi, Okayama, 7100031 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 C12N 15/62, C12P 21/02, C07K 19/00, 14/44, 14/47, A61K 38/16, A61P 35/00
- (11) WO 2004/085653 (13) A1
- (21) PCT/JP2004/003956
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-081337 24 Mar/mar 2003 JP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CELL DEATH-INDUCING FUSED GENE ACTING SPECIFICALLY ON CANCER AND GENE PRODUCT THEREOF
- GENE CHIMERE INDUISANT LA MORT CELLULAIRE ET AGISSANT SPECIFIQUEMENT SUR LE CANCER, ET PRODUIT DE GENE CHIMERE
- (71) NIPPON MEDICAL SCHOOL FOUNDATION [JP/JP]; 1-5, Sendagi 1-chome, Bunkyo-ku, Tokyo 113-8602 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHTA, Shigeo [JP/JP]; c/o Nippon Medical School, 1-5, Sendagi 1-chome, Bunkyo-ku, Tokyo 113-8602 (JP). ASOH, Sadamitsu [JP/JP]; c/o Nippon Medical School, 1-5, Sendagi 1-chome, Bunkyo-ku, Tokyo 113-8602 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- MC NL PL PT RO SE SI SK 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 15/63
- (11) WO 2004/085654 (13) A2
- (21) PCT/GB2004/001374
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 0307206.3 28 Mar/mar 2003 GB (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MODULATION OF CELL PHENOTYPE BY INHIBITORY RNA
- MODULATION DU PHENOTYPE D'UNE CELLULE PAR DE L'ARN INHIBITEUR
- (71) AXORDIA LIMITED [GB/GB]; Firth Court, Western Bank, Sheffield S10 2TN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDREWS, Peter [GB/GB]; Axordia Limited, Firth Court, Western Bank, Sheffield S10 2TN (GB). GOKHALE, Paul [GB/GB]; Axordia Limited, Firth Court, Western Bank, Sheffield S10 2TN (GB). WALSH, Jim [GB/GB]; Axordia Limited, Firth Court, Western Bank, Sheffield S10 2TN (GB). MATIN, Maryam [GB/GB]; Axordia Limited, Firth Court, Western Bank, Sheffield S10 2TN (GB).
- (74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 15/82, 15/51, 5/04
- (11) WO 2004/085655 (13) A1
- (21) PCT/CN2004/000254
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) zh (26) zh
- (30) 03120981.5 26 Mar/mar 2003 CN (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A PLANT EXPRESSION PLASMID OR A TRANSGENIC PLANT CELL LINE OF HEPATITIS B VIRAL GENE, AS WELL AS THE APPLICATION THEREOF IN THE INDUSTRIAL PRODUCTION
- PLASMIDE D'EXPRESSION DE PLANTE OU LIGNEE CELLULAIRE

DE PLANTE TRANSGENIQUE DU GENE DU VIRUS DE L'HEPATITE B, APPLICATION DE CES DERNIERS DANS LA PRODUCTION INDUSTRIELLE

(71) CHANGCHUN INSTITUTE OF BIOLOGICAL PRODUCTS [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN).

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(72, 75) SHENG, Jun [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). LIU, Dan [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). LIU, Xiaoyu [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). GUO, Qiao [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). YU, Haipeng [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). LI, Juan [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). HUI, Yuejun [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). WANG, Zhiwu [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN). ZHANG, Xuemei [CN/CN]; No. 137, Xi'an Road, Changchun, Jilin 130062 (CN).

(74) LIU, SHEN & ASSOCIATES; Huibin Building, A0601, No.8, Beichen Dong Street, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 15/53, 15/54, 15/62, A01H 5/10, 5/00, C07C 403/00

(11) WO 2004/085656 (13) A2

(21) PCT/GB2004/001241

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/457,053 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENHANCED ACCUMULATION OF CAROTENOIDS IN PLANTS

• ACCUMULATION RENFORCEE DE CAROTENOIDES DANS LES PLANTES

(71) SYNGENTA LIMITED [GB/GB]; European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DRAKE, Caroline, Rachel [GB/GB]; Syngenta Limited, Jealott's Hill International Research Centre, Bracknell, Berks RG42 6EY (GB). PAINE, Jacqueline, Ann, Mary

[GB/GB]; Syngenta Limited, Jealott's Hill International Research Centre, Bracknell, Berks RG42 6EY (GB). SHIPTON, Catherine, Ann [GB/GB]; Syngenta Limited, Jealott's Hill International Research Centre, Bracknell, Berks RG42 6EY (GB).

(74) SOUTHERN, David, William et al. / etc.; Intellectual Property Department, Syngenta Limited, P.O. Box 3538, Jealott's Hill International Research Centre, Bracknell, Berks RG42 6YA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, A01H 5/00

(11) WO 2004/085657 (13) A1

(21) PCT/IL2004/000276

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(30) 155137 27 Mar/mar 2003 IL (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD FOR GENERATING PLANT DIVERSITY BY INCORPORATION OF MICROSATELLITE SEQUENCES INTO THE PLANT GENOME

• METHODE DE DIVERSIFICATION VEGETALE PAR INTEGRATION DE SEQUENCES MICRO-SATELLITES DANS LE GENOME DE LA PLANTE

(71) YISSUM, RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; High Tech Park, Edmond J. Safra Campus, Givat Ram, P.O. Box 39135 (IL).

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(72, 75) BAHIR, Iris [IL/IL]; 3 HaRofeh Street, IL-34367 Haifa (IL). BEN-SASSON, Shmuel [IL/IL]; 3 Epstein Street, 96555 Jerusalem (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,591 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MUTANT VESICULAR STOMATITIS VIRUSES AND USE THEREOF

• VIRUS MUTANT DE LA STOMATITE VESICULAIRE ET SON UTILISATION

(71) OTTAWA HEALTH RESEARCH INSTITUTE [CA/CA]; 725 Parkdale Avenue, Ottawa, Ontario K1Y 4E9 (CA). WELLSTAT BIOLOGICS CORPORATION [US/US]; 930 Clopper Road, Gaithersburg, MD 20878 (US).

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(72, 75) BELL, John, C. [CA/CA]; 248 Knox Crescent, Ottawa, Ontario K1G 0K8 (CA). LICHTY, Brian, D. [CA/CA]; 471 Castor Rd, RR#2, Russell, Ontario K4R 1E5 (CA). STOJDL, David, F. [CA/CA]; 17 Great Oak Private, Ottawa, Ontario K1G 6P7 (CA).

(74) WHITE, Stephanie, R. et al. / etc.; Osler, Hoskin & Harcourt LLP, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,591 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MUTANT VIRUSES AND USES THEREOF

• VIRUS MUTANTS ET LEURS UTILISATIONS

(71) OTTAWA HEALTH RESEARCH INSTITUTE [CA/CA]; 725 Parkdale Avenue,

Ottawa, Ontario K1Y 4E9 (CA). **WELL-STAT BIOLOGICS CORPORATION** [US/US]; 930 Clopper Road, Gaithersburg, MD 20878 (US).

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(72, 75) **BELL, John, C.** [CA/CA]; 248 Knox Crescent, Ottawa, Ontario K1G 0K8 (CA). **LICHTY, Brian, D.** [CA/CA]; 471 Castor Rd, RR#2, Russell, Ontario K4R 1E5 (CA). **STOJDL, David, F.** [CA/CA]; 17 Great Oak Private, Ottawa, Ontario K1G 6P7 (CA).

(74) **WHITE, Stephanie, R.** et al. / etc.; Osler, Hoskin & Harcourt LLP, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/86, A61K 35/76, C07K 14/18

(11) WO 2004/085660 (13) A2

(21) PCT/US2004/008458

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,196 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED ALPHAVIRUS REPLICONS AND HELPER CONSTRUCTS
• REPLICONS D'ALPHAVIRUS AMÉLIORÉS ET PRODUITS DE RECOMBINAISON AUXILIAIRES

(71) **ALPHAVAX, INC.** [US/US]; 2 Triangle Drive, Research Triangle Park, NC 27709-0307 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Jonathan, F.** [US/US]; 104 Bronzewood Court, Cary, NC 27511 (US). **KAMRUD, Kurt** [US/US]; 2209 WinPost Lane, Apex, NC 27502 (US). **RAYNER, Jon, O.** [US/US]; 202 Tobacco Farm Lane, Apex, NC 27502 (US).

(74) **MYERS BIGEL SIBLEY & SAJOVEC**; PO Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/085661 (13) A2

(21) PCT/US2004/008533

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,128 24 Mar/mar 2003 US (24.03.2003)

(30) 60/511,210 15 Oct/oct 2003 US (15.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS TO CHIRAL BETA-AMINO ACID DERIVATIVES

• PROCÉDE DE SYNTHÈSE DE DERIVÉS D'ACIDES AMINES BETA CHIRAUX

(71) **MERCK & CO., INC** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

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(72, 75) **DREHER, Spencer, D.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **IKEMOTO, Norihiro** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **NJOLITO, Eugenia** [ID/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **RIVERA, Nelo, R.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **TELLERS, David, M.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **XIAO, YI** [CN/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/22

(11) WO 2004/085662 (13) A1

(21) PCT/EP2004/002726

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 103 13 971.0 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COUPLED COFACTOR-DEPENDENT ENZYMATIC REACTION SYSTEMS IN AQUEOUS MEDIA

• SYSTEMES REACTIONNELS ENZYMATIQUES COUPLES DEPENDANTS D'UN COFACTEUR DANS DES MILIEUX AQUEUX

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

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(74) **DEGUSSA AG**; Intellectual Property Management, PATENTE und MARKEN, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/085663 (13) A1

(21) PCT/GB2004/001394

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307232.9 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PREPARATION OF VANILLIN FROM MICROBIAL TRANSFORMATION MEDIA BY EXTRACTION BY MEANS SUPERCRITICAL FLUIDS OR GASES

• COMPOSITION DE VANILLINE A PARTIR D'UN MILIEU DE TRANSFORMATION MICROBIEN PAR EXTRACTION AU MOYEN DE GAZ OU DE FLUIDES SUPERCRITIQUES

(71) **ZYLEPSIS LIMITED** [GB/GB]; C/o Grant Thornton, Byron House, Cambridge Business Park, Cowley Road, Cambridge, Cambridgeshire CB4 0WZ (GB).

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(74) **STUART, Ian** et al. / etc.; Mewburn Eliis, York House, 23 Kingsway, Greater London, London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/06, A61K 38/55

(11) **WO 2004/085664** (13) A2

(21) PCT/IN2003/000419

(22) **30 Dec/déc 2003 (30.12.2003)**

(25) en (26) en

(30) 10/397,813 **25 Mar/mar 2003 US (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS FOR THE PREPARATION OF ANGIOTENSIN CONVERTING ENZYME (ACE) INHIBITORS AND ITS USE

• PROCEDE DE PREPARATION D'INHIBITEURS DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE (ACE), ET LEUR UTILISATION

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).
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(72, 75) **GOWDA, Lalitha, Ramakrishna** [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN). **RAO, Appu, Rao, Gopal, Rao, Appu** [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN). **PRAKASH, Vishweshwariah** [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN).

(74) **BHOLA, Ravi; K & S Partners**, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, 110 001 New Delhi (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q

(11) **WO 2004/085665** (13) A2

(21) PCT/US2003/020844

(22) **19 Jun/juin 2003 (19.06.2003)**

(25) en (26) en

(30) 60/390,214 **19 Jun/juin 2002 US (19.06.2002)**

(30) 60/445,977 **7 Feb/fév 2003 US (07.02.2003)**

(30) 60/453,259 **10 Mar/mar 2003 US (10.03.2003)**

(30) 60/492,930 **15 Apr/avr 2003 US (15.04.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NUCLEIC ACID LIGAND TO B. ANTHRACIS PROTECTIVE ANTIGEN

• LIGANDS D'ACIDE NUCLEIQUE POUR DES ANTIGENES PROTEGEANT CONTRE B. ANTHRACIS

(63) US 60/390,214 (CIP)
19 Jun/juin 2002 (19.06.2002)
US 60/445,977 (CIP)
7 Feb/fév 2003 (07.02.2003)
US 60/453,259 (CIP)
10 Mar/mar 2003 (10.03.2003)
US 60/492,930 (CIP)
15 Apr/avr 2003 (15.04.2003)

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(72, 75) **WILSON, Chareles** [US/US]; 229 Lexington Road, Concord, MA 01742 (US). **EPSTEIN, David** [US/US]; 56 Pine Street, Belmont, MA 02478 (US). **CLOAD, Sharon, T.** [US/US]; 7 Granville Road, Cambridge, MA 02138 (US). **MARSH, Nicholas** [AU/US]; 103 Marlborough Street, Apt. 7, Boston, MA 02116 (US). **HAMAGUCHI, Nobuko** [JP/US]; 7 Dartmouth Drive, Framingham, MA 01701 (US).

(74) **ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glosky and Popeo, P.C.**, One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/085666** (13) A2

(21) PCT/US2004/008045

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 60/456,659 **20 Mar/mar 2003 US (20.03.2003)**

(30) 60/458,915 **28 Mar/mar 2003 US (28.03.2003)**

(30) 60/460,268 **3 Apr/avr 2003 US (03.04.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECRETED PROTEINS
• PROTEINES SECRETEES

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(74) **FOLEY & LARDNER LLP**; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

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(21) PCT/US2004/008281

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/457,527 24 Mar/mar 2003 US
(24.03.2003)

(30) 60/532,699 24 Dec/déc 2003 US
(24.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND COMPOSITIONS FOR
DETECTING THE PRESENCE OF TAR-
GET NUCLEIC ACIDS IN A SAMPLE

• TECHNIQUES ET COMPOSITIONS DE
DETECTION DE PRESENCE D'ACIDES
NUCLEIQUES DANS UN ECHAN-
TILLON

(71) INTERNATIONAL THERAPEUTICS,
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les États désignés sauf US)*

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nia (US). TRAVIS, Bruce [US/US]; Seattle,
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(74) FIELD, Bret, E.; Bozicevic, Field & Fran-
cis, LLP, 200 Middlefield Road, Suite 200,
Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085668 (13) A2

(21) PCT/US2004/008756

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,155 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SELF-CONTAINED ASSAY DEVICE
FOR RAPID DETECTION OF BIOHAZ-
ARDOUS AGENTS

• DISPOSITIF D'ANALYSE AUTO-
NOME POUR DETECTION RAPIDE
D'AGENTS DE RISQUE BIOLOGIQUE

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les États désignés sauf US)*

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Avenue, Kent, OH 44240 (US).

(74) DOBREA, Diane, H.; Calfee, Halter & Gris-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(30) 10/395,009 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IDENTIFICATION AND QUANTIFICA-
TION OF MICROBIAL SPECIES IN A
SAMPLE

• IDENTIFICATION ET EVALUATION
QUANTITATIVE D'ESPECE MICRO-
BIENNE DANS UN ECHANTILLON

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(74) PIERING, Scott; 15407 McGinty Road
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(81) AE AG AL AM AT AU AZ BA BB BG BR
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DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 2004/085670 (13) A2

(21) PCT/US2004/008906

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,928 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POLARIZATION DETECTION
• DETECTION DE POLARISATION

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/085671 (13) A1

(21) PCT/GB2004/001314

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307233.7 28 Mar/mar 2003 GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PYRIDINE NUCLEOTIDE DEHYDRO-
GENASE BASED BIOSENSOR ELEC-
TRODES

• ELECTRODES DE BIOCAPTEURS A
BASE DE PYRIDINO-NUCLEOTIDE
DESHYDROGENASE

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(74) BRASNETT, Adrian et al. / etc.; Mew-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
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(25) en (26) en

(30) 60/456,840 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

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• MONITEUR D'ALARME POUR
AGENTS CHIMIQUES

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q 1/48, G01N 33/68

(11) WO 2004/085673 (13) A2

(21) PCT/US2004/008653

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,650 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITIONS AND METHODS OF
USING HEXOKINASE V

• COMPOSITIONS ET PROCÉDES
D'UTILISATION DE L'HEXOKINASE V

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(74) LOCKYER, Jean, M. et al. / etc.; Townsend
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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C07K 14/47

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(21) PCT/AU2004/000295

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 2003901425 27 Mar/mar 2003 AU
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR THE DIAGNOSIS AND
TREATMENT OF EPILEPSY

• METHODES DE DIAGNOSTIC ET DE
TRAITEMENT DE L'EPILEPSIE

(71) BIONOMICS LIMITED [AU/AU]; 31
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 2003901511 28 Mar/mar 2003 AU
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR IDENTIFYING NU-
CLEIC ACID MOLECULES ASSOCI-
ATED WITH ANGIOGENESIS

• PROCÉDE D'IDENTIFICATION
DE MOLECULES D'ACIDES
NUCLEIQUES ASSOCIEES A
L'ANGIOGENESE

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4001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q 1/68, G01N 33/574

(11) WO 2004/085676 (13) A1

(21) PCT/EP2004/003219

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) P200300708 26 Mar/mar 2003 ES
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IN VITRO METHOD TO DETECT
BLADDER TRANSITIONAL CELL
CARCINOMA

- METHODE DE DETECTION <I>IN VITRO</I> DU CARCINOME A CELLULES TRANSITIONNELLES DE LA VESSIE
- (71) MEDPLANT GENETICS, S.L. [ES/ES]; Edificio 801A. Parque Tecnológico de Zamudio, E-48160 Derio (ES).
(for all designated States except / pour tous les États désignés sauf US)
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- (74) PORTELA, Sergio; ABG Patentes, S.L., Orense, 16 8ª A, E-28020 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085677 (13) A2
- (21) PCT/FR2004/000671
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) fr (26) fr
- (30) 0303294 18 Mar/mar 2003 FR (18.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF PREPARING DNA FRAGMENTS AND APPLICATIONS THEREOF
• PROCEDE DE PREPARATION DE FRAGMENTS D'ADN ET SES APPLICATIONS
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085677 (13) A2
- (21) PCT/EP2004/003226
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03 006 943.9 26 Mar/mar 2003 EP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NOVEL MARKERS FOR INFLAMMATORY BOWEL DISEASE
• NOUVEAUX MARQUEURS DE MALADIE INFLAMMATOIRE INTESTINALE
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- (74) SCHUSSLER, Andrea; Huber & Schussler, Truderinger Strasse 246, 81825 Munchen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- MC NL PL PT 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 2004/085679 (13) A2
- (21) PCT/GB2004/001335
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 0307099.2 27 Mar/mar 2003 GB (27.03.2003)
- (30) 0322393.0 24 Sep/sep 2003 GB (24.09.2003)
- (30) 10/753,754 8 Jan/jan 2004 US (08.01.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SCREENS FOR ALTERED IMMUNE RESPONSES
• DÉPISTAGES DE RÉPONSES IMMUNITAIRES PERTURBÉES
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- (74) BALDOCK, Sharon, Claire 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 C12Q 1/68, C12N 15/09
- (11) WO 2004/085680 (13) A1
- (21) PCT/JP2004/003777
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) ja (26) ja
- (30) 2003-085670 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD OF DETECTING TARGET NUCLEOTIDE SEQUENCE, DETECTION TARGET STRUCTURE TO BE

USED IN EMBODYING THE METHOD, PROCESS FOR PRODUCING THE SAME AND ASSAY KIT FOR DETECTING TARGET NUCLEOTIDE SEQUENCE

- METHODE DE DETECTION D'UNE SEQUENCE NUCLEOTIDIQUE CIBLE, STRUCTURE CIBLE DE DETECTION A UTILISER POUR LA MISE EN OEUVRE DE CETTE METHODE, PROCEDE DE PRODUCTION DE CETTE STRUCTURE ET TROUSSE D'ANALYSE DESTINEE A DETECTER UNE SEQUENCE NUCLEOTIDIQUE CIBLE

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(72, 75) HORIUCHI, Hideki [JP/JP] HASHIMOTO, Koji [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085681 (13) A2

(21) PCT/US2004/008553

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,825 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GLOBAL LINEAR NON-BIASED NUCLEIC ACID AMPLIFICATION

- AMPLIFICATION GLOBALE LINEAIRE NON BIAISEE D'ACIDE NUCLEIQUE

(71) ARCTURUS BIOSCIENCE, INC. [US/US]; 400 Logue Avenue, Mountain View, CA 94043-4019 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERLANDER, Mark, G. [US/US]; 442 Hillcrest Dr., Encinitas, CA 92024 (US). SALUNGA, Ranelle, C. [US/US]; 2036-80 Coolidge Street, San Diego, CA 92111 (US). MA, Xiao-Jun [US/US]; 4482 Calle Mar De Armonia, San Diego, CA 92130 (US). ENRIGHT, Eddy [US/US]; 3872 Creststone Place, San Diego, CA 92130 (US).

(74) KAWAI, Lau; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Fl., San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/70

(11) WO 2004/085682 (13) A2

(21) PCT/DE2004/000646

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 636.3 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF ACTIVE INGREDIENTS FOR PREVENTING OR TREATING VIRAL ILLNESSES, AND TEST SYSTEM FOR DISCOVERING SUCH ACTIVE INGREDIENTS

- UTILISATION DE SUBSTANCES ACTIVES POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES VIRALES, ET SYSTEME DE TEST POUR LA RECHERCHE DE TELLES SUBSTANCES ACTIVES

(71) MEDINNOVA GESELLSCHAFT FÜR MEDIZINISCHE INNOVATIONEN AUS AKADEMISCHER FORSCHUNG MBH [DE/DE]; Biegenstrasse 4, 35037 Marburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUDWIG, Stefan [DE/DE]; Langes Grätzlein 21, 97078 Würzburg (DE). PLANZ, Oliver [DE/DE]; Wendelsheimerstrasse 34, 72108 Rottenburg (DE). SEDLACEK, Hans-Harald [DE/DE]; Sonnenhang 3, 35041 Marburg (DE). PLESCHKA, Stephan [DE/DE]; Hinter der Ostanlage 5a, 35390 Giessen (DE).

(74) JUNGBLUT, Bernhard et al. / etc.; Albrecht, Lüke & Jungblut, Patentanwälte, Gelfertstrasse 56, 14195 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/70

(11) WO 2004/085683 (13) A2

(21) PCT/EP2004/003044

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 13 388.7 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR EARLY CARCINOMA DETECTION AND A TEST KIT FOR CARRYING OUR SAID METHOD

- PROCEDE DE DIAGNOSTIC PRECOCE DE CARCINOMES, ET NECESSAIRE POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) BUCHNER, Erwin [DE/DE]; Freiherr-vom-Stein-Strasse 22a, 65205 Wiesbaden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILFRICH, Ralf [DE/DE]; Zum Römberg 24, 65597 Hünfelden (DE).

(74) PLATE, Jürgen et al. / etc.; Patentanwaltsskanzlei Zounek, Rheingastrasse 196, 65203 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C13F

(11) WO 2004/085684 (13) A2

(21) PCT/US2004/009241

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,516 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUGAR PRODUCTION SYSTEM

- SYSTEME DE PRODUCTION DE SUCRE

(63) US 60/457,516 (CIP) 24 Mar/mar 2003 (24.03.2003)

(71) CO2 SOLUTIONS, LLC [US/US]; 204 Walnut Street, Suite C, Fort Collins, CO 80524 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDERS, David, O. [US/US]; 1105 Westshore Place, Loveland, CO 80538 (US).

(74) MILES, Craig, R.; 204 Walnut Street, Suite J, Fort Collins, CO 80524 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL 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 C21D 8/00

(11) WO 2004/085685 (13) A1

(21) PCT/JP2004/004106

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-085194 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCING
HIGH-STRENGTH SPRING

• PROCEDE DE PRODUCTION D'UN
RESSORT PRESENTANT UNE RESIS-
TANCE ELEVEE

(71) CHUO SPRING CO. LTD. [JP/JP];
68 Kamishiota, Narumi-cho Midori-ku,
Nagoya-shi Aichi, 4588505 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAKANO, Tomohiro [JP/JP]; c/o
CHUO SPRING CO., LTD. 68 Kamishiota,
Narumi-cho Midori-ku, Nagoya-shi Aichi,
4588505 (JP). SAKAKIBARA, Takayuki
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68 Kamishiota, Narumi-cho Midori-ku,
Nagoya-shi Aichi, 4588505 (JP). WAKITA,
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(74) KOBAYASI, Ryohei; KOBAYASI
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toakuoji-tyo, Higashinotouin Sizo-sagaru,
Simogyo-ku, Kyoto-si, Kyoto, 6008091 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C22B 9/02, 21/06

(11) WO 2004/085686 (13) A2

(21) PCT/NL2004/000202

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 1023009 25 Mar/mar 2003 NL
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF RECOVERING A METAL
FROM A MIXTURE

• PROCEDE PERMETTANT DE RECUP-
PERER UN METAL A PARTIR D'UN
MELANGE

(71) TECHNISCHE UNIVERSITEIT DELFT
[NL/NL]; Julianalaan 134, NL-2628 BL Delft
(NL).

(only for / seulement pour US)

(72, 75) DRINI, Bedri [NL/NL]; Boerhaavelaan
86, NL-2334 ES Leiden (NL). KOOL, Wil-
helmus, Hieronimus [NL/NL]; Tintlaan 84,
NL-2719 AL Zoetermeer (NL). JANSSENS,
Pieter, Johannes [NL/NL]; Planciusdreef 65,
NL-2661 RK Bergschenhoek (NL). KAT-
GERMAN, Laurens [NL/NL]; Prinsenaan
2, NL-2341 KT Oegstgeest (NL).

(74) ALTENBURG, Bernardus, Stephanus,
Franciscus et al. / etc.; Octrooibureau Los
En Stijter B.V., Weteringschans 96, NL-1017
XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C22B 11/00, 3/16

(11) WO 2004/085687 (13) A1

(21) PCT/EP2004/003249

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 13 887.0 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR SELECTIVELY
EXTRACTING GOLD FROM
GOLD-BEARING MATERIALS

• PROCEDE DE PRODUCTION SELEC-
TIVE D'OR A PARTIR DE MATERIAUX
A BASE D'OR

(71) FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E.V. [DE/DE]; Hansastrasse
27c, 80686 München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHMIDT, Ralf [DE/DE]; Stollberger
Strasse 87, 12627 Berlin (DE). HANNE-
MANN, Monika [DE/DE]; Am Krusenick
24, 12555 Berlin (DE). MUELLER, Jutta
[DE/DE]; Stillerzeile 3, 12587 Berlin
(DE). ZUBER, Karl-Heinz [DE/DE];
Blankenburger Strasse 41, 13156 Berlin
(DE). GRIESE, Hansjörg [DE/DE];
Adolf-Martens-Strasse 9c, 12205 Berlin
(DE).

(74) LEONHARD OLGEMOELLER
FRICKE; Postfach 10 09 62, 80083
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C22C

(11) WO 2004/085688 (13) A2

(21) PCT/EP2004/003183

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 13 321.6 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR PRO-
DUCING DIMENSIONALLY ACCU-
RATE FOAM

- PROCEDE ET DISPOSITIF POUR PRODUIRE DE LA MOUSSE AUX DIMENSIONS EXACTES
- (71) **ALULIGHT INTERNATIONAL GMBH** [AT/AT]; Lach 22, A-5282 Ranshofen (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAJNER, Walter** [DE/DE]; Hornerstr. 12b, 83329 Tettenuhausen (DE). **SIMANCIK, Frantisek** [SK/SK]; Pechianska 13, Bratislava (SK).
- (74) **NEIDL-STIPLER, Cornelia, E.**; Rauchstrasse 2, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 23/00, 1/04**
- (11) **WO 2004/085689** (13) A1
- (21) PCT/JP2004/004201
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) ja (26) ja
- (30) 2003-083248 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **MAGNESIUM ALLOY OF HIGH STRENGTH AND HIGH TOUGHNESS AND METHOD FOR PRODUCTION THEREOF**
- **ALLIAGE DE MAGNESIUM DE HAUTE RESISTANCE ET TENACITE, ET SON PROCEDE DE PRODUCTION**
- (71, 72) **KAWAMURA, Yoshihito** [JP/JP]; 7-A-302, Shin-nabe 2-chome, Kumamoto-shi, Kumamoto, 8620928 (JP).
- (74) **YANASE, Mutsuyasu 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/08, 29/00**
- (11) **WO 2004/085690** (13) A1
- (21) PCT/CA2004/000391
- (22) **15 Mar/mar 2004 (15.03.2004)**
- (25) en (26) en
- (30) 2,423,273 **26 Mar/mar 2003 CA (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **METHOD FOR TREATING TUNGSTEN CARBIDE PARTICLES**
- **PROCEDE DE TRAITEMENT DE PARTICULES DE CARBURE DE TUNGSTENE**
- (71) **INVEGYRE INC.** [CA/CA]; 3633, rue Panet, Bureau 101, Jonquière, Québec G7X 8T7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARON, Paul** [CA/CA]; 825 Beauregard, App. 900, Sainte-Foy, Québec G1V 4L7 (CA). **TREMBLAY, Alain** [CA/CA]; 22 De L'Hôpital, Loretteville, Québec G2A 2T8 (CA).
- (74) **ROBIC; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (CA).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **C22C 38/00, C21D 9/46, C22C 38/14, 38/16**
- (11) **WO 2004/085691** (13) A1
- (21) PCT/JP2003/017058
- (22) **26 Dec/déc 2003 (26.12.2003)**
- (25) ja (26) ja
- (30) 2003-79543 **24 Mar/mar 2003 JP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **HIGH STRENGTH HOT ROLLED STEEL SHEET EXCELLING IN BORE EXPANDABILITY AND DUCTILITY AND PROCESS FOR PRODUCING THE SAME**
- **TOLE D'ACIER LAMINEE A CHAUD A HAUTE RESISTANCE A DILATABILITE D'AME ET DUCTILITE EXCELLENTE ET SON PROCEDE DE PRODUCTION**
- (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) **OKAMOTO, Riki** [JP/JP]; c/o NIPPON STEEL CORPORATION NAGOYA WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi 476-8686 (JP). **TANIGUCHI, Hirokazu** [JP/JP]; c/o NIPPON STEEL CORPORATION NAGOYA WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi 476-8686 (JP). **FUKUDA, Masashi** [JP/JP]; c/o NIPPON STEEL CORPORATION NAGOYA WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi 476-8686 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C22F 1/06**
- (11) **WO 2004/085692** (13) A1
- (21) PCT/JP2004/001885
- (22) **19 Feb/fév 2004 (19.02.2004)**
- (25) ja (26) ja
- (30) 2003-085886 **26 Mar/mar 2003 JP (26.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • **PROCESS OF WORKING Mg ALLOY AND Mg ALLOY**
- **PROCEDE DE TRAVAIL D'ALLIAGE MG ET ALLIAGE MG**
- (71) **CAMPUS CREATE CO., LTD.** [JP/JP]; 1-48-14, Okusawa, Setagaya-ku, Tokyo 1580083 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKAI, Taku** [JP/JP]; 3-19-15, Izumi, Suginami-ku, Tokyo 168-0063 (JP).
- (74) **NARUSE, Shigeo; Hanabishi Imas Hirakacho Building, 4th Floor, 2-3-11, Hirakawacho, Chiyoda-ku, Tokyo 102-0093 (JP).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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Declaration / Déclaration :

(v) for the following designation / pour la
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(51)⁷ C23C

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(21) PCT/US2004/007160

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/395,046 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NONTHERMAL PLASMA PROCES-
SOR UTILIZING ADDITIVE-GAS IN-
JECTION AND/OR GAS EXTRACTION
• DISPOSITIF DE TRAITEMENT AU
PLASMA NON THERMIQUE MET-
TANT EN OEUVRE UNE INJECTION
DE GAZ SUPPLEMENTAIRE ET/OU
UNE EXTRACTION DE GAZ

(71) THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA [US/US]; Los Alamos
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Alamos, NM 87545 (US).

(72) ROSOCHA, Louis, A.; 802 Ninth Street,
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(74) WILSON, Ray, G. et al. / etc.; Los Alamos
National Laboratory, LC/IP, MS A187, Los
Alamos, NM 87545 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085694 (13) A2

(21) PCT/US2004/007161

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/395,045 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMBUSTION ENHANCEMENT
WITH SILENT DISCHARGE PLASMA
• AUGMENTATION DE LA COMBUS-
TION AVEC UN PLASMA DE DE-
CHARGE SILENCIEUSE

(71) THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA [US/US]; Los Alamos
National Laboratory, LC/IP, MS A187, Los
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(72) ROSOCHA, Louis, A.; 802 Ninth Street,
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(74) WILSON, Ray, G. et al. / etc.; Los Alamos
National Laboratory, LC/IP, MS A187, Los
Alamos, NM 87545 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085695 (13) A2

(21) PCT/US2004/007418

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/393,312 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCTION OF
VINYLPHOSPHONIC ACIDS AND
SILYL ESTERS THEREOF
• PROCEDE DE PRODUCTION
D'ACIDES PHOSPHONIQUES DE VI-
NYLE ET D'ESTERS DE SILYLE DE
CEUX-CI

(71) RHODIA, INC. [US/US]; 259 Prospect
Plains Road, Cranbury, NJ 08512 (US).

(72) KOOLA, Johnson, D.; 141 Neese Drive,
#D12, 1053 Rifle Range Road, #10A, Mount
Pleasant, SC 29464 (US).

(74) WILLIAMS-BIBBS, Mialeeka et al. / etc.;
Rhodia Inc., 259 Prospect Plains Road, Cran-
bury, NJ 08512 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/085696 (13) A2

(21) PCT/US2004/008218

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en

(26) en

(30) 10/391,921 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF WELDING TITANIUM
AND TITANIUM BASED ALLOYS TO
FERROUS METALS

• PROCEDE DE SOUDAGE DE TITANE
ET D'ALLIAGES A BASE DE TITANE
A DES METAUX FERREUX

(71) EDISON WELDING INSTITUTE INC.
[US/US]; Edison Welding Institute, Inc.,
1250 Arthur E. Adams Drive, Columbus, OH
43221-3585 (US).

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(72, 75) HALL, Peter C. [US/US]; Edison Weld-
ing Institute, Inc., 1250 Arthur E. Adams
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(74) GALLAGHER, Michael et al. / etc.; Gal-
lagher & Dawsey Co., LPA, P. O. Box 785,
Columbus, OH 43216 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL 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 C23C

(11) WO 2004/085697 (13) A2

(21) PCT/US2004/008418

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,879 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METAL PIERCING FASTENER WITH
OPTIMALLY RESILIENT SECURING
MEMBER

• ATTACHE DE PERFORATION DE ME-
TAL COMPORTANT UN ORGANE DE

SOLIDARISATION A ELASTICITE OPTIMALE

(71) **EVENING STAR INVESTMENTS, L.L.C.** [US/US]; P.O. Box 1917, Conroe, TX 77305 (US).

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(71, 72) **FARRELL, Mark** [US/US]; 11769 Elizabeth Ridge, Conroe, TX 77304 (US). **FARRELL, Michael, E.** [US/US]; 37321 Jerome Lane, Murrieta, CA 92562 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 865 South Figueroa Street, Twenty-Ninth Floor, Los Angeles, CA 90017-2571 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085698** (13) A2

(21) PCT/US2004/008419

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/393,864 **21 Mar/mar 2003 US (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FASTENER HAVING GUIDE RAILS

• ATTACHE COMPORTANT DES RAILS DE GUIDAGE

(71) **EVENING STAR INVESTMENTS, L.L.C.** [US/US]; P.O. Box 1917, Conroe, TX 77305 (US).

(72) **FARRELL, Mark**; 11769 Elizabeth Ridge, Conroe, TX 77304 (US). **FARRELL, Michael, E.**; 37321 Jerome Lane, Murrieta, CA 92562 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 29th Floor, 865 South Figueroa, Los Angeles, CA 90017-2571 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 14/34, 14/56

(11) **WO 2004/085699** (13) A2

(21) PCT/EP2004/050210

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 03100768.5 **25 Mar/mar 2003 EP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTACTING OF AN ELECTRODE WITH A SUBSTANCE IN VACUUM

• APPLICATION D'UNE SUBSTANCE SUR UNE ELECTRODE DANS UN VIDE

(71) **BEKAERT VDS** [BE/BE]; E-3 Laan 75-79, B-9800 DEINZE (BE).

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(72, 75) **BLONDEEL, Anja** [BE/BE]; Kerkelstraat 119, B-9800 DEINZE (BE). **DE BOSSCHER, Wilmert** [BE/BE]; Noordhoutstraat 22, B-9031 DRONGEN (BE).

(74) **MESSELY, Marc**; Bekaertstraat 2, B-8550 ZWEVEGEM (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 16/01, 16/448, C30B 33/00

(11) **WO 2004/085700** (13) A1

(21) PCT/NL2004/000193

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) nl (26) en

(30) 1023033 **28 Mar/mar 2003 NL (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE MANUFACTURE OF A FREESTANDING SUBSTRATE

• PROCEDE DE FABRICATION DE SUBSTRAT AUTOPORTANT

(71) **STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN** [NL/NL]; Van Vollenhovenlaan 661, NL-3527 JP Utrecht (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGEMAN, Paulus, Robertus** [NL/NL]; Hofstraat 9, NL-4698 CH Oud-Vossemeer (NL).

(74) **VAN BREDA, Jacques et al.**; Octrooibureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 16/40, C03C 17/245

(11) **WO 2004/085701** (13) A1

(21) PCT/GB2004/001310

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 0306797.2 **25 Mar/mar 2003 GB (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TITANIA COATINGS

• REVETEMENTS EN OXYDE DE TITANE

(71) **PILKINGTON PLC** [GB/GB]; Prescott Road, St. Helens, Merseyside WA10 3TT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YE, Liang** [GB/GB]; 29 Norwood Crescent, Southport, Merseyside PR9 7DU (GB).

(74) **HALLIWELL, Anthony, Charles et al.** / etc.; Group Intellectual Property Dept., Pilkington European Technical Centre, Pilkington plc, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C23C 16/455, 16/44, 16/30, 16/40

(11) **WO 2004/085702** (13) A1

(21) PCT/DE2004/000315

(22) **20 Feb/fév 2004 (20.02.2004)**

(25) de (26) de

(30) 103 12 768.2 **21 Mar/mar 2003 DE (21.03.2003)**

(30) 103 25 629.6 **6 Jun/juin 2003 DE (06.06.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR DEPOSITING COMPOUNDS ON A SUBSTRATE BY

MEANS OF METALORGANIC CHEMICAL VAPOR DEPOSITION

- PROCÉDÉ POUR DÉPOSER DES COMPOSÉS SUR UN SUBSTRAT PAR DÉPOSITION ORGANOMÉTALLIQUE EN PHASE GAZEUSE

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).
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(72, 75) HARDTDEGEN, Hilde [NL/DE]; Lütticher Str. 192, 52064 Aachen (DE).
SCHMIDT, Roland [DE/DE]; Brunnenstr. 25, 52531 Übach-Palenberg (DE).
KALUZA, Nicoleta [RO/DE]; Quadstr. 30, 41189 Mönchengladbach (DE).
WIRTZ, Konrad [DE/DE]; Am Klostergarten 16, 52499 Baesweiler (DE).
MAKAROV, Yuri [RU/DE]; Eltersdorfer Str. 22, 91058 Erlangen (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C23C 16/455, H01L 21/205

(11) WO 2004/085703 (13) A1

(21) PCT/JP2004/003412

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-082976 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PROCESSING APPARATUS AND PROCESSING METHOD
- APPAREIL ET PROCÉDÉ DE TRAITEMENT

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo, 1078481 (JP).
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(72, 75) ISHIZAKA, Tadahiro [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi, 4070192 (JP).
YOSHII, Naoki [JP/JP]; c/o TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi, 4070192 (JP).
KAWAMURA, Kohei [JP/JP]; c/o TOKYO ELECTRON LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 4070192 (JP).
FUKUDA, Yukio [JP/JP]; 635-13, Nishiya-hata, Ryuo-Cho, Nakakoma-Gun, Yamanashi,

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SHIGEOKA, Takashi [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi, 4070192 (JP).
KOJIMA, Yasuhiko [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi, 4070192 (JP).
OSHIMA, Yasuhiro [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi, 4070192 (JP).
ARAMI, Junichi [JP/JP]; 4-15-19, Nishiochiai, Shinjuku-Ku, Tokyo, 1610031 (JP).
GOMI, Atsushi [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi, 4070192 (JP).

(74) ITOH, Tadahiko; Yebisu Garden Place Tower 32nd Floor, 20-3, Ebisu 4-Chome, Shibuya-Ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 16/52, H01L 21/205, 21/3065, H05H 1/00

(11) WO 2004/085704 (13) A1

(21) PCT/JP2003/003714

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PROCESSOR
- PROCESSEUR

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
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(71, 72) GOTO, Toshio [JP/JP]; 3-2110, Goshikien, Nisshin-shi, Aichi 470-0105 (JP).
HORI, Masaru [JP/JP]; 6-176, Fujitsuka, Nisshin-shi, Aichi 470-0100 (JP).

(72, 75) ISHII, Nobuo [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁵ C23C 18/32, 18/52, F04C 18/34

(11) WO 2004/085705 (13) A1

(21) PCT/JP1993/000359

(22) 25 Mar/mar 1993 (25.03.1993)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SLIDING MATERIAL
- MATERIAU GLISSANT

(71, 72) TAKEUCHI, Katsuhiko [JP/JP]; c/o Surtec Kariya Co., Ltd., 100, Shinmei-cho 6-chome, Kariya-shi, Aichi 448 (JP).
MURAMATSU, Shogo [JP/JP]; c/o Taiho Kogyo Co., Ltd., 65, Midorigaoka 3-chome, Toyota-shi, Aichi 471 (JP).
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KONDO, Hirokazu [JP/JP]; c/o Taiho Kogyo Co., Ltd., 65, Midorigaoka 3-chome, Toyota-shi, Aichi 471 (JP).

(74) MURAI, Takuo; Makino Bldg., 10-5, Honkomagome 1-chome, Bunkyo-ku, Tokyo 113 (JP).

(81) US.

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(51)⁷ C23F 1/18, 3/06, H01L 21/3213

(11) WO 2004/085706 (13) A1

(21) PCT/EP2004/002702

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 103 13 517.0 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SOLUTION FOR ETCHING COPPER SURFACES AND METHOD OF DEPOSITING METAL ON COPPER SURFACES
- SOLUTION POUR GRAVER DES SURFACES DE CUIVRE ET PROCÉDÉ DE DÉPÔT DE MÉTAL SUR DES SURFACES DE CUIVRE

(71) ATOTECH DEUTSCHLAND GMBH [DE/DE]; Erasmusstrasse 20, 10533 Berlin (DE).
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(72, 75) MAHLKOW, Hartmut [DE/DE]; Handjerystrasse 85, 12159 Berlin (DE).
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(74) EFFERT, BRESSEL UND KOLLEGEN; Radickestrasse 48, 12489 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23F 3/06, 3/00, C23G 1/10, 1/02

(11) WO 2004/085707 (13) A1

(21) PCT/US2004/008668

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/320,032 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AQUEOUS METAL FINISHING SOLUTION, METHODS FOR FINISHING METAL COMPONENTS, SYSTEM FOR CLEANING METAL COMPONENTS AND FINISHED BRASS PRODUCTS

• SOLUTION AQUEUSE DE FINISSAGE DES METAUX, PROCEDES APPLICABLES AU FINISSAGE DE COMPOSANTS METALLIQUES, SYSTEME POUR NETTOYER LES COMPOSANTS METALLIQUES, ET PRODUITS EN CUIVRE FINIS

(71) SWAGELOK COMPANY [US/US]; 29500 Solon Road, Solon, Ohio 44139 (US).
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(72, 75) VRACIU, George R. [US/US]; 3124 Treese Street, NW, Canton, Ohio 44709 (US).

(74) MCKNIGHT, Douglas B.; CALFEE, HALTER & GRISWOLD LLP, 800 Superior Avenue, Suite 1400, Cleveland, Ohio 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C25B 1/00, C25C 1/02, C25D 17/00

(11) WO 2004/085708 (13) A1

(21) PCT/US2003/026012

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(30) 60/404,978 21 Aug/août 2002 US (21.08.2002)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTOLYTIC OXYGENATOR WITH CARBON DIOXIDE AND/OR HYDROGEN SEPARATION AND FIXATION

• OXYGENATEUR PHOTOLYTIQUE AVEC SEPARATION ET FIXATION DE DIOXYDE DE CARBONE ET/OU D'HYDROGENE

(71) BATTELLE MEMORIAL INSTITUTE [US/US]; 505 King Avenue, Columbus, OH 43201-2693 (US).
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(72, 75) MONZYK, Bruce [US/US]; 7460 Blaney Road, Delaware, OH 43051 (US).
BURCKLE, Eric [US/US]; 2712 Quarry Lake Drive, Columbus, OH 43204 (US).

(74) KLEIN, Richard; Fay, Sharpe, Fagan, Minnich, & McKee, LLP, 1100 Superior Avenue, 7th Floor, 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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/34, 1/26

(11) WO 2004/085709 (13) A1

(21) PCT/RU2003/000113

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ru (26) ru

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR SYNTHESISING OXIDANTS FROM AGUEOUS SODIUM CHLORIDE SOLUTION

• DISPOSITIF DE SYNTHESE D'ANTIOXYDANTS A PARTIR D'UNE SOLUTION AQUEUSE DE CHLORURE DE SODIUM

(71, 72) GABLENKO, Vyacheslav Georgievich [RU/RU]; ul. Tverskaya, 6a-121, Dubna, Moskovskaya obl. (RU).

(72, 75) ZAVYALOV, Sergei Borisovich [RU/RU]; ul. Kirova, 5-2, Dubna, Moskovskaya obl. (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25B 3/00

(11) WO 2004/085710 (13) A2

(21) PCT/EP2004/002665

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 13 169.8 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE ANODIC ALKOXYLATION OF ORGANIC SUBSTRATES

• PROCEDE D'ALCOXYLATION ANODIQUE DE SUBSTRATS ORGANIQUES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
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(72, 75) REUFER, Christian [DE/DE]; Zimmerseestrasse 36, 63477 Maintal (DE).
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(74) DEGUSSA AG; Intellectual Property Management, Patente und Marken, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 C25B 15/00, C02F 1/461, C25B 9/20

(11) WO 2004/085711 (13) A1

(21) PCT/NL2003/000234

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR CARRYING OUT AN ELECTROLYTIC PROCESS ON A HALOGENIDE COMPOUND

• APPAREIL PERMETTANT D'APPLIQUER UN PROCESSUS ELECTROLYTIQUE A UN COMPOSE HALOGENURE

(71, 72) ZILVOLD, Hendrik, Martin [NL/NL]; Vale Ouwelaan 202, NL-8084 JV 'T Harde (NL).

(72) ZILVOLD, Gerrit, Albert; Oude Bovendwarsweg 31, NL-8084 JD 'T Harde (NL).

(74) **DOHMEN, Johannes, Maria, Gerardus et al.** / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25D

(11) WO 2004/085712 (13) A2

(21) PCT/US2004/008810

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,499 24 Mar/mar 2003 US (24.03.2003)

(30) 60/466,966 1 May/mai 2003 US (01.05.2003)

(30) 60/519,796 14 Nov/nov 2003 US (14.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-FUNCTIONAL POLYMERIC MATERIALS AND THEIR USES

• MATERIAUX POLYMERES MULTIFONCTIONNELS ET LEURS UTILISATIONS

(71) **PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802-1504 (US).

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(72, 75) **LOWE, Tao, Lu** [CN/US]; 1220 Stone Creek Dr., Hummelstown, PA 17036 (US). **KIM, Young, Shin** [KR/US]; 326 W. Fifth Street, Apt 5, Quarryville, PA 17566 (US). **HUANG, Xiao** [CN/US]; 41 University Manor East, Hershey, PA 17033 (US).

(74) **BUCCA, Daniel et al.** / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/00, 13/06, B05D 1/36, 7/24

(11) WO 2004/085713 (13) A1

(21) PCT/JP2004/004176

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003-081890 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF FORMING AN ELECTROCOATING FILM, ELECTROCOATING FILM, AND ELECTRODEPOSITED ARTICLE

• PROCEDE POUR PRODUIRE UN FILM DE REVETEMENT ELECTROLYTIQUE, FILM DE REVETEMENT ELECTROLYTIQUE ET ARTICLE REVETU PAR REVETEMENT ELECTROLYTIQUE

(71) **NIPPON PAINT CO., LTD.** [JP/JP]; 1-2, Oyodokita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8511 (JP).

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(72, 75) **KAWANAMI, Toshitaka** [JP/JP]; G-608, 1-12, Matsudai 2-chome, Inagawacho, Kawabe-gun, Hyogo 666-0261 (JP). **SAKAMOTO, Hiroyuki** [JP/JP]; 11-501-608, Koyochonaka 5-chome, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP).

(74) **YASUTOMI, Yasuo et al.** / etc.; Chuo Bldg., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 17/00

(11) WO 2004/085714 (13) A1

(21) PCT/EP2004/002955

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 818 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE AND THE PARTS THEREOF FOR PRODUCING ELECTRODEPOSITED DENTAL SHAPED PIECES

• DISPOSITIF ET PARTIE DE CE DISPOSITIF POUR LA FORMATION PAR DEPOT GALVANIQUE DE PIECES FACONNEES DENTAIRES

(71) **WIELAND DENTAL + TECHNIK GMBH & CO. KG** [DE/DE]; Schwenninger Strasse 13, 75179 Pforzheim (DE).

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(72, 75) **SCHRÖCK, Alexander** [DE/DE]; Wilhelmstr. 59, 75228 Ispringen (DE). **HORNUNG, Ralf** [DE/DE]; Rembrandtweg 9, 76689 Karlsdorf-Neuthard (DE). **LAUBERSHEIMER, Jürgen** [DE/DE]; Remchinger Str. 65, 76307 Karlsbad (DE).

(74) **PATENTANWÄLTE RUFF WILHELM BEIER DAUSTER & PARTNER**; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/12, G01N 27/416, 27/28

(11) WO 2004/085715 (13) A1

(21) PCT/JP2004/003934

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-082037 25 Mar/mar 2003 JP (25.03.2003)

(30) 2003-350544 9 Oct/oct 2003 JP (09.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF ANALYZING ELECTROLYTIC COPPER PLATING SOLUTION, AND ANALYZING DEVICE THEREFOR AND PRODUCTION METHOD FOR SEMI-CONDUCTOR PRODUCT

• PROCEDE D'ANALYSE D'UNE SOLUTION DE DEPOT ELECTROLYTIQUE DE CUIVRE, DISPOSITIF D'ANALYSE ASSOCIE ET PROCEDE DE PRODUCTION DE SEMI-CONDUCTEURS

(71) **TOPPAN PRINTING CO., LTD.** [JP/JP]; 5-1, Taito 1-chome, Taito-ku, Tokyo 1108560 (JP).

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(74) **TOPPAN PRINTING CO., LTD.**; c/o Legal Department TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 1108560 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25F 5/00
- (11) WO 2004/085716 (13) A1
- (21) PCT/JP2004/000534
- (22) 22 Jan/jan 2004 (22.01.2004)
- (25) ja (26) ja
- (30) 2003-082672 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • RELEASE AGENT FOR ELECTROLYTIC SILVER
- AGENT DE DEMOULAGE DESTINE A DE L'ARGENT ELECTROLYTIQUE
- (71) NIKKO MATERIALS CO., LTD. [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo, 1050001 (JP).
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- (72, 75) AIBA, Akihiro [JP/JP]; c/o Isohara Plant, Nikko Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki, 3191535 (JP). MIMURA, Tomoharu [JP/JP]; c/o Isohara Plant, Nikko Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki, 3191535 (JP).
- (74) SAKAI, Masami et al. / etc.; Akasaka Office Heights, 13-5, Akasaka 4-chome, Minato-ku Tokyo, 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 25/02, H01L 21/205
- (11) WO 2004/085717 (13) A1
- (21) PCT/EP2003/003136
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FORMATION OF THIN SEMICONDUCTOR LAYERS BY LOW-ENERGY PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION AND SEMICONDUCTOR HETEROSTRUCTURE DEVICES
- FORMATION DE COUCHES MINCES SEMI-CONDUCTRICES PAR DEPOT CHIMIQUE EN PHASE VAPEUR ACTIVE PAR PLASMA DE FAIBLE ENERGIE ET DISPOSITIFS A HETEROSTRUCTURES SEMI-CONDUCTRICES
- (71) EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH [CH/CH]; Rämistrasse 101, CH-8092 Zürich (CH).
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- (72, 75) VON KAENEL, Hans [CH/CH]; Eigenheimstrasse 3, CH-8304 Wallisellen (CH).
- (74) HEUSCH, Christian; OK pat AG, Chamerstrasse 50, CH-6300 Zug (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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 29/32, H01L 41/22, 41/08, 27/105
- (11) WO 2004/085718 (13) A1
- (21) PCT/JP2004/004220
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ja (26) ja
- (30) 2003-085419 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FERROELECTRIC FILM
- FILM FERROELECTRIQUE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, 1008921 (JP).
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- (72, 75) MAEDA, Ryutaro [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 2-1, Namiki 1-chome, Tsukuba-shi, Ibaraki, 3058654 (JP). WANG, Zhanjie [CN/JP]; c/o National Institute of Advanced Industrial Science and Technology, 2-1, Namiki 1-chome, Tsukuba-shi, Ibaraki, 3058564 (JP). ICHIKI, Masaaki [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 2-1, Namiki 1-chome, Tsukuba-shi, Ibaraki, 3058564 (JP). KOKAWA, Hiroyuki [JP/JP]; Aoba 02, Aramaki, Aoba-ku, Sendai-shi, Miyagi, 9808578 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2/06, 2/08, D01D 5/253, A61L 15/28
- (11) WO 2004/085720 (13) A1
- (21) PCT/AT2004/000074
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) de (26) de
- (30) A 488/2003 27 Mar/mar 2003 AT (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SOLID REGENERATED STANDARD VISCOSE FIBRES
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 33/02
- (11) WO 2004/085719 (13) A1
- (21) PCT/CN2004/000240
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) zh (26) zh
- (30) 03116040.9 28 Mar/mar 2003 CN (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • AN ANNEALING METHOD FOR YTTERBIUM-DOPED YTTRIM ALUMINUM GARNET CRYSTAL
- PROCÉDÉ DE RECUISSE DE CRISTAUX DE GRENAT D'YTTRIUM-ALUMINIUM DOPÉS À L'YTTERBIUM
- (71) SHANGHAI INSTITUTE OF OPTICS AND FINE MECHANICS CHINESE ACADEMY OF SCIENCES [CN/CN]; No.390 Qinghe Rd., Jiading, Shanghai 201800 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZHAO, Zhiwei [CN/CN]; No.390 Qinghe Rd., Jiading, Shanghai 201800 (CN). XU, Xiaodong [CN/CN]; No.390 Qinghe Rd., Jiading, Shanghai 201800 (CN). DENG, Peizhen [CN/CN]; No.390 Qinghe Rd., Jiading, Shanghai 201800 (CN). XU, Jun [CN/CN]; No.390 Qinghe Rd., Jiading, Shanghai 201800 (CN). SONG, Pingxin [CN/CN]; No.390 Qinghe Rd., Jiading, Shanghai 201800 (CN).
- (74) SHANGHAI XIN TIAN PATENT AGENT CO., LTD.; Rm 1606, No. 59 Nan Chang Road, Shanghai 200020 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- FIBRE DE VISCOSE STANDARD RE-GENEREE SOLIDE

(71) LENZING AKTIENGESELLSCHAFT [AT/AT]; Werkstrasse 2, A-4860 Lenzing (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDTBAUER, Josef [AT/AT]; Billroth-Strasse 6, A-4840 Vöcklabruck (AT). SCHMIDT, Heinrich [AT/AT]; Oberstadtgries 9/2/10, A-4840 Vöcklabruck (AT). BOXAN, Christoph [AT/AT]; Hauptstrasse 36, A-4860 Lenzing (AT). BLAIR, Daniel, Thomas [US/US]; 1630 Central Church Road, Morristown, TN 37814 (US).

(74) NEMEC, Harald et al. / etc.; Wipplingerstrasse 32/22, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D01H 7/32

(11) WO 2004/085721 (13) A1

(21) PCT/IN2003/000420

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 302/MUM/2003 25 Mar/mar 2003 IN (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN IMPROVED FLYER ASSEMBLY FOR ROVING FRAME

- ENSEMBLE AILETTE AMELIORE POUR BANC A BROCHES

(71) A.T.E. INDUSTRIES PVT. LTD. [IN/IN]; A-19, CTS No. 689, Veera Desai Road, Andheri (West), Mumbai, Maharashtra (IN).

(72) SAMPAT, Rajesh, Biharilal; Survey No. 320, Odhav, Ahmedabad 382 415, Gujrat (IN).

(74) KANE, Himanshu, W. et al. / etc.; W. S. Kane & Co., Servants of India Society Building, 2nd Floor, S.V. Patel Road, Mumbai 400 004 (IN).

(81) CN DE JP.

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : CN DE JP

(s) for the following designations / pour les désignations suivantes : CN DE JP

(51)⁷ D02J 1/08, D02G 1/16

(11) WO 2004/085722 (13) A1

(21) PCT/CH2003/000204

(22) 28 Mar/mar 2003 (28.03.2003)

(25) de (26) de

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEXTURING NOZZLE AND METHOD FOR TEXTURING A FILAMENT YARN

- BUSE DE TEXTURATION ET PROCEDE DE TEXTURATION DE FIL CONTINU

(71) HEBERLEIN FIBERTECHNOLOGY, INC. [CH/CH]; Bleikenstrasse 11, CH-9630 Wattwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTSCH, Gotthilf [CH/CH]; Pozzistrasse 2, CH-9642 Ebnat-Kappel (CH). KLESEL, Kurt [CH/CH]; U. Lindenberg 203, CH-9427 Wolfhalden (CH).

(74) ACKERMANN, Ernst; Eggthalde, CH-9231 Egg-Flawil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA 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).

(51)⁷ D02J 1/22

(11) WO 2004/085723 (13) A1

(21) PCT/JP2004/002864

(22) 5 Mar/mar 2004 (05.03.2004)

(25) ja (26) ja

(30) 2003-107089 7 Mar/mar 2003 JP (07.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORIENTED SHEATH CORE TYPE FILAMENT

- FILAMENT ORIENTE DU TYPE A AME ENROBEE

(71) YAMANASHI TLO CO., LTD. [JP/JP]; 3-11, Takeda 4-chome, Kofu-shi, Yamanashi 400-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Akihiro [JP/JP]; 798-113, Ryuji, Futaba-cho, Kitakoma-gun, Yamanashi 407-0104 (JP).

(74) KURIHARA, Kazuhiko; Kurihara Patent Office, 11-5-1002, Takashimadaira 3-chome, Itabashi-ku, Tokyo 175-0082 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/04

(11) WO 2004/085724 (13) A1

(21) PCT/DE2004/000571

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 13 188.4 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR A ROTATABLE SELVEDGE FOR A WEAVING MACHINE

- DISPOSITIF DE FORMATION DE LISIERE ROTATIF POUR METIER A TISSER

(71) LINDAUER GESELLSCHAFT MBH [DE/DE]; Rickenbacher Strasse 119, 88129 Lindau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIELEN, Markus [DE/DE]; Eichbühlweg 9, 88131 Lindau (DE).

(74) NITZSCHNER, Günter; c/o Lindauer Dornier GmbH, Patentabteilung, Rickenbacher Str. 119, 88129 Lindau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D03D 15/00, D06B 23/28, G01N 33/36

(11) WO 2004/085725 (13) A1

(21) PCT/IB2004/000825

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) EP03006617.9 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STANDARDISED TESTING OF THE QUALITY OF WASHING, CLEANING AND DRYING PROCESSES IN AGGREGATES

- CONTROLE STANDARDISE DE LA QUALITE DE PROCESSUS DE LAVAGE, DE NETTOYAGE ET DE SECHAGE DANS DES AGREGATS

(71) EMPA TESTMATERIALIEN AG [CH/CH]; Mövenstrasse 12, CH-9015 St. Gallen (CH).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) FÄH, Daniel [CH/CH]; Buchen, CH-9053 Teufen (CH). FREY, Felix [CH/CH]; Kirchstrasse 6, CH-9326 Horn (CH).
- (74) HEISEL, Wolfgang; Schmidstrasse 9, CH-8570 Weinfelden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D04B 1/00

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(21) PCT/FR2004/000668

(22) 18 Mar/mar 2004 (18.03.2004)

(25) fr (26) fr

(30) 03/03357 19 Mar/mar 2003 FR (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BOXER SHORT-TYPE UNDERWEAR ARTICLE AND PRODUCTION METHOD THEREOF

• ARTICLE DE LINGERIE CALECON-BOXER ET SON PROCÉDE DE FABRICATION

(71) SARA LEE CORPORATION [US/US]; Three first National Plaza, Chicago, IL 60602-4260 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONNIN, Michel [FR/FR]; Les Chaumottes, F-71400 Autun (FR).

(74) BERTRAND, Didier; c/o S.A. Fedit-Loriot et Autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04H

(11) WO 2004/085727 (13) A2

(21) PCT/EP2004/050359

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306769.1 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITE PRESS FELT
• FEUTRE PRESSE COMPOSITE

(71) VOITH FABRICS PATENT GMBH [DE/DE]; St. Pöltener Strasse 43, 89522 Heidenheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROOK, Robert L. [US/US]; 4614 Pinchurst Road, Wilson, North Carolina 27896 (US). PATEL, Sanjay [US/US]; 116 Westminster, Summerville, South Carolina 29485 (US). ALDRICH, William Daniel [US/US]; 5245 Quaker Road, Wilson, North Carolina 27893 (US). LIDAR, Per Ola [SE/SE]; Hästhagsvägen 8, S-64010 HRgsjR (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/42, C04B 35/83, H01M 4/96

(11) WO 2004/085728 (13) A1

(21) PCT/JP2004/004158

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-084644 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-087223 27 Mar/mar 2003 JP (27.03.2003)

(30) 2003-334743 26 Sep/sep 2003 JP (26.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POROUS CARBON BASE MATERIAL, METHOD FOR PREPARATION THEREOF, GAS-DIFFUSING MATERIAL, FILM-ELECTRODE JOINTED ARTICLE, AND FUEL CELL

• MATERIAU A BASE DE CARBONE POREUX, PROCÉDE DE PRÉPARATION, MATERIAU DE DIFFUSION GAZEUSE, ARTICLE DE FILM ET ELECTRODE COUPLES, ET PILE A COMBUSTIBLE

(71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 1038666 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHIDA, Takashi [JP/JP]; Toray-Seienryo, 15-1, Sonoyama 2-chome, Otsu-shi, Shiga 5200842 (JP). OKADA, Kenya

[JP/JP]; Toray-Hokuenryo, 13-1, Sonoyama 2-chome, Otsu-shi, Shiga 5200842 (JP). INOUE, Mikio [JP/JP]; 3-1-B5-207, Sonoyama 2-chome, Otsu-shi, Shiga 5200842 (JP). ISOI, Shinya [JP/JP]; 16-B-44, Takehanajizouji Minamicho, Yamashina-ku, Kyoto-shi, Kyoto 6078088 (JP).

(74) IWAMI, Tomonori; c/o Intellectual Property Department, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/58, D06M 15/507, C09J 163/00, 201/06

(11) WO 2004/085729 (13) A1

(21) PCT/JP2004/004109

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-81834 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BINDER COMPOSITION FOR MINERAL FIBERS AND MINERAL FIBER MATS

• COMPOSITION DE LIANT POUR FIBRES MINÉRALES ET POUR MATS DE FIBRES MINÉRALES

(71) SANYO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 11-1, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Tetsuya [JP/JP]; c/o Sanyo Chemical, Industries, Ltd., 11-1, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP). UZAWA, Takao [JP/JP]; c/o Asahi Fiber Glass, Company, Limited., 6-3, Kanda Kaji-cho 3-chome, Chiyoda-ku, Tokyo 101-0045 (JP). MASAKI, Yuka [JP/JP]; c/o Asahi Fiber Glass, Company, Limited., 6-3, Kanda Kaji-cho 3-chome, Chiyoda-ku, Tokyo 101-0045 (JP).

(74) YOSHIKAWA, Toshio; Murahama Bldg. 6F, 9-19, Higashinoda-cho 4-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/00, 1/54, 3/14

(11) WO 2004/085730 (13) A1

(21) PCT/US2004/008482

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/393,969 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PATTERN BONDED NONWOVEN FABRICS
• TISSUS NON-TISSES CONTRE-COLLES A MOTIF

(71) E.I. DUPONT 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) MARMON, Samuel, E. [US/US]; 1329 Brinkley Branch Road, Gallatin, TN 37066 (US). RUDISILL, Edgar, N. [US/US]; 1123 Lipscomb Drive, Nashville, TN 37204 (US).

(74) STEINBERG, Thomas, W.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D06F 39/00, 35/00, A47L 15/42

(11) WO 2004/085731 (13) A1

(21) PCT/IB2004/000829

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 10313504.9 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STANDARDISED TESTING MEDIUM FOR THE QUALITY OF A WASHING, CLEANING AND/OR DRYING PROCESS
• MILIEU DE CONTROLE STANDARDISE DE LA QUALITE D'UN PROCESUS DE LAVAGE, DE NETTOYAGE ET/OU DE SECHAGE

(71) EMPA TESTMATERIALIEN AG [CH/CH]; Mövenstrasse 12, CH-9015 St. Gallen (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FÄH, Daniel [CH/CH]; Buchen, CH-9053 Teufen (CH). FREY, Felix [CH/CH]; Kirchstrasse 6, CH-9326 Horn (CH).

(74) HEISEL, Wolfgang; Schmidstrasse 9, CH-8570 Weinfelden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D06F 75/10, 75/22

(11) WO 2004/085732 (13) A1

(21) PCT/IB2004/050296

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) PCT/SG03/00084 25 Mar/mar 2003 SG (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEAM IRONING DEVICE
• DISPOSITIF DE REPASSAGE A VAPEUR

(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) JIANG, Yong [SG/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VALIYAMBATH KRISHNAN, Mohankumar [IN/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CHING, Boon, Khian [MY/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BOS, Kornelis, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ D06F 81/14

(11) WO 2004/085733 (13) A1

(21) PCT/KR2004/000157

(22) 29 Jan/jan 2004 (29.01.2004)

(25) ko (26) en

(30) 20-2003-0004334 14 Feb/fév 2003 KR (14.02.2003)

(30) 10-2003-0059295 26 Aug/août 2003 KR (26.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DOUBLE-SIDED IRONING BOARD
• PLANCHE A REPASSER A DEUX COTES

(71, 72) LEE, Gi-Beom [KR/KR]; #102, 685-5, Yeoksam1-dong,, Gangnam-gu, Seoul 135-081 (KR).

(74) WON, Eun-Sup; #302, Yajung Building, 736-16, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D06G

(11) WO 2004/085734 (13) A2

(21) PCT/BR2004/000040

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) pi 0300767-7 26 Mar/mar 2003 BR (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLEXIBLE ULTRAVIOLET RADIATION BLOCKING TEXTIL ASSEMBLY
• ENSEMBLE TEXTILE SOUPLE BLOQUANT LES RAYONS ULTRAVIOLETS

(71, 72) **MAGALHÃES DE OLIVEIRA, Tracy** [BR/BR]; Rua Ferreira Pontes, 387 Casa 02 Andaraí, 20.541-280 Rio de Janeiro (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **D06L 3/00, 3/02, 3/04, D21C 9/147, 9/153, 9/16**

(11) **WO 2004/085735** (13) A1

(21) PCT/AU2004/000344

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 2003901396 **25 Mar/mar 2003 AU (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHODS FOR BLEACHING OF CELLULOSIC MATERIALS**

• **METHODES POUR BLANCHIR DES MATERIAUX CELLULOSIQUES**

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **CAI, Jackie, Yun** [CN/AU]; 16 O'Driscoll Court, Highton, Victoria 3216 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D06M**

(11) **WO 2004/085736** (13) A2

(21) PCT/US2004/008373

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/394,075 **21 Mar/mar 2003 US (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **TEXTILES WITH HIGH WATER RELEASE RATES AND METHODS FOR MAKING SAME**

• **TEXTILES A FAIBLE RETENTION D'EAU ET PROCEDES DE FABRICATION CORRESPONDANTS**

(71) **OPTIMER, INC.** [US/US]; 403 Marsh Lane, Wilmington, DE 19804 (US).

(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **MOORE, John, W.** [US/US]; 813 Augusta Road, Wilmington, DE 19807 (US).
MOORE, Christopher, S. [US/US]; 1627 Laurel Street, Wilmington, DE 19806 (US).

(74) **ELDERKIN, Dianne 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(51)⁷ **D06N 7/00, A47G 27/04, B32B 7/06, C09J 7/04**

(11) **WO 2004/085737** (13) A2

(21) PCT/GB2004/001445

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 0307194.1 **28 Mar/mar 2003 GB (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **RELEASABLE SURFACE COVERING SYSTEMS**

• **SYSTEMES DE REVETEMENT DE SURFACE AMOVIBLES**

(71, 72) **TASKER, Steven** [GB/GB]; 1 Maes-yr-Yrfa, Saron, Nr. Denbigh, North Wales LL16 4TL (GB).

(74) **HAMILTON, Alistair**; Ty Eurgain, Cefn Eurgain Lane, Rhosesmor, Nr. Mold, Flintshire, North Wales CH7 6PG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D06P**

(11) **WO 2004/085738** (13) A2

(21) PCT/GB2004/001377

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 0306788.1 **25 Mar/mar 2003 GB (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD**

• **PROCEDE**

(71) **WILLETT INTERNATIONAL LIMITED** [GB/GB]; 3 Cronin Road, Weldon South Industrial Estate, Corby, NN18 8AQ (GB).

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(72, 75) **HORSNELL, David, Andrew** [GB/GB]; 3 Perne Road, Cambridge CB1 3RX (GB). **TOMLIN, Matthew, Brian** [GB/GB]; 4 Lingholme Close, Cambridge CB4 3HW (GB). **LECHEHEB, Ammar** [GB/GB]; 3 The Paddock, Harston, Cambridge CB2 4PR (GB). **PRIME, Oliver, John** [GB/GB]; 5 Lingholme Close, Cambridge CB4 3HW (GB). **FOX, Michael, James** [GB/GB]; Silverstones, Church Lane, Seaton, Rutland LE15 9HR (GB). **BATES, Christopher, Michael** [GB/GB]; Boughton Spinney, Kettering NN16 9JP (GB).

(74) **MCGOWAN, George**; European Patent Attorney, Intellectual Property Department, Siemens Shared Services, Siemens House, Oldbury, Bracknell RG12 8FZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D06P**

(11) **WO 2004/085739** (13) A2

(21) PCT/KR2004/000642

- (22) **24 Mar/mar 2004 (24.03.2004)**
(25) ko (26) en
(30) 10-2003-0018652 **25 Mar/mar 2003 KR (25.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PRETREATMENT METHOD AND APPARATUS OF TEXTILE APPLYING INKJET PRINTER, DIGITAL TEXTILE PRINTING METHOD AND APPARATUS COMPRISING IT
• PROCEDE ET APPAREIL DE PRE-TRAITEMENT D'IMPRIMANTE A JET D'ENCRE POUR TEXTILE, PROCEDE ET APPAREIL D'IMPRESSIION NUMERIQUE SUR TEXTILE LES COMPRENANT
(71) **INKTEC CO. LTD.** [KR/KR]; 1124 Shingil-dong, Ansan-si, Kyungki-do 425-839 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CHUNG, Kwang-Choon** [KR/KR]; 9-711 Gaepo4Woosung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). **GONG, Myoung-Seon** [KR/KR]; 904 Hyundai4APT., Ilwon-dong, Kangnam-gu, Seoul 135-230 (KR). **KIM, Hoo-Shick** [KR/KR]; 22-402 JukongAPT., Nae-son1-dong, Uiwang-si, Gyeonggi-do 437-081 (KR). **CHOI, Ju-Jin** [KR/KR]; 210-902 LGvillageAPT., Kungok-dong, Guonsun-gu, Suwon-si 441-704 (KR). **PARK, Eun-Jin** [KR/KR]; 334-52 Imun2-dong, Dongdaemun-gu, Seoul 130-831 (KR). **KIM, Hyoung-Seok** [KR/KR]; 109-402 NarmaeAPT., Gajang-dong, Seo-gu, Daejeon 302-804 (KR). **LEE, Kyong-Min** [KR/KR]; 477-14 Sillim4-dong, Gwanak-gu, Seoul 151-871 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
(11) **WO 2004/085740** (13) A2
(21) PCT/US2004/007784
(22) **12 Mar/mar 2004 (12.03.2004)**
(25) en (26) en
(30) 10/392,424 **19 Mar/mar 2003 US (19.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • WARP-STITCHED MULTILAYER PAPERMAKER'S FABRIC
• TOILE DE PAPETIER MULTICOUCHE PIQUEE DANS LA CHAÎNE
(71) **WEAVEXX CORPORATION** [US/US]; P.O. Box 471, Wake Forest, NC 27588 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WARD, Kevin, J.** [CA/CA]; 1476 Meghan Drive, Coldbrook, Nova Scotia B4R 1A1 (CA).
(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
(11) **WO 2004/085741** (13) A1
(21) PCT/US2004/008311
(22) **18 Mar/mar 2004 (18.03.2004)**
(25) en (26) en
(30) 10/391,827 **19 Mar/mar 2003 US (19.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • MACHINE DIRECTION YARN STITCHED TRIPLE LAYER PAPERMAKER'S FORMING FABRICS
• TOILES DE FORMATION DE PAPIER TRICOUCHES COUSUES A FILS SENS MACHINE
(71) **WEAVEXX CORPORATION** [US/US]; P.O. Box 471, Wake Forest, NC 27588 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WARD, Kevin, J.** [CA/CA]; 1476 Meghan Drive, Coldbrook, Nova Scotia B4R 1A1 (CA).
(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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ **D21H 17/67**
(11) **WO 2004/085742** (13) A1
(21) PCT/JP2004/003930
(22) **23 Mar/mar 2004 (23.03.2004)**

- (25) ja (26) ja
(30) 2003-83046 **25 Mar/mar 2003 JP (25.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • NEWSPRINT PAPER FOR OFFSET PRINTING
• PAPIER JOURNAL POUR IMPRESSION OFFSET
(71) **NIPPON PAPER INDUSTRIES, CO., LTD.** [JP/JP]; 1-4-1, Oji, Kita-ku, Tokyo 114-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NONOMURA, Fuminari** [JP/JP]; c/o Nippon Paper Industries, Co., Ltd. R & D Div. Pulp and, Paper Research Laboratory, 21-1, Oji 5-chome, Kita-ku, Tokyo 114-0002 (JP). **HIGATA, Tomohiro** [JP/JP]; c/o Nippon Paper Industries, Co., Ltd. R & D Div. Pulp and, Paper Research Laboratory, 21-1, Oji 5-chome, Kita-ku, Tokyo 114-0002 (JP). **NANRI, Yasunori** [JP/JP]; c/o Nippon Paper Industries, Co., Ltd. R & D Div. Pulp and, Paper Research Laboratory, 21-1, Oji 5-chome, Kita-ku, Tokyo 114-0002 (JP).
(74) **KODAMA, Yoshihiro**; Enju-Ochanomizu Bldg. 3F, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ **E01B**
(11) **WO 2004/085743** (13) A2
(21) PCT/US2004/008731
(22) **19 Mar/mar 2004 (19.03.2004)**
(25) en (26) en
(30) 60/456,607 **20 Mar/mar 2003 US (20.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • GUIDEWAY FOR MAGLEV TRANSPORTATION SYSTEM AND METHOD FOR ASSEMBLY
• RAIL DE GUIDAGE POUR SYSTEME DE TRANSPORT A LEVITATION MAGNETIQUE, SYSTEME ET PROCEDE D'ASSEMBLAGE
(71) **HIRSCHFELD, INC.** [US/US]; 112 West 29th Street, San Angelo, TX 76903 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FRANK, Karl, H.** [US/US]; 6005 Ivy Hills Drive, Austin, TX 78759 (US). **LAN-NOM, Billy, C.** [US/US]; 7027 F.M. 1810, Chico, TX 76431 (US). **HIRSCHFELD, David, L.** [US/US]; 1961 Beaty Road, San Angelo, TX 76904 (US). **HIRSCHFELD,**

Wendall, W. [US/US]; 6300 Indian Canyon Drive, Austin, TX 78746 (US).

(74) **SOKOLSKI, Edward, A.**; 3868 Carson Street, Suite 105, Torrance, CA 90503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E01B 25/30**

(11) **WO 2004/085744** (13) A1

(21) PCT/DE2004/000564

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) de (26) de

(30) 103 14 068.9 **25 Mar/mar 2003 DE (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CARRIER AND A MAGNETIC LEVITATION RAILWAY PROVIDED WITH SAID DECK
• TABLIER ET VOIE DE SUSTENTATION MAGNETIQUE REALISEE AVEC UN TEL TABLIER

(71) **THYSSENKRUPP TRANSRAPID GMBH [DE/DE]**; Henschelplatz 1, 34127 Kassel (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Luitpold [DE/DE]**; An der Ottosäule 5, 85521 Ottobrunn (DE). **ZHENG, Qinghua [DE/DE]**; Sudetenstrasse 51, 82024 Taufkirchen (DE). **BAUER, Markus [DE/DE]**; Dr. -Karl-Schuster-Strasse 1, 85354 Freising (DE). **HUFENBACH, Werner [DE/DE]**; Weissenberger Strasse 1b, 01324 Dresden (DE). **KUNZE, Klaus [DE/DE]**; Mühlenblick 20a, 01157 Dresden (DE).

(74) **VON SCHORLEMER, R., Frhr.**; Karthäuserstrasse 5A, 34117 Kassel (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E01B 29/24**

(11) **WO 2004/085745** (13) A1

(21) PCT/EP2004/002251

(22) **5 Mar/mar 2004 (05.03.2004)**

(25) de (26) de

(30) 203 04 727.3 **25 Mar/mar 2003 DE (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR ASSEMBLING RAIL CLAMPS

• DISPOSITIF SERVANT A MONTER DES DISPOSITIFS DE FIXATION DE RAILS

(71) **ROBEL BAHNBAUMASCHINEN GMBH [DE/DE]**; Industriestrasse 31, 83395 Freilassing (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIDLROITHER, Otto [DE/DE]**; Petersweg 22, 83395 Freilassing (DE). **HERTELENDI, Josef [DE/DE]**; Surheimer Strasse 19, 83395 Freilassing (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E01F 13/02, E04H 17/18**

(11) **WO 2004/085746** (13) A1

(21) PCT/NL2004/000206

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) nl (26) en

(30) 1023018 **26 Mar/mar 2003 NL (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSPORTABLE SAFETY MODULE CONSTRUCTION

• STRUCTURE D'UN MODULE DE SECURITE TRANSPORTABLE

(71, 72) **VERSCHOOR, Ruud [NL/NL]**; 63, Westdijk, NL-3222 LL Hellevoetsluis (NL).

(74) **KLOOSTER, J., H.**; Muller & Eilbracht B.V., P.O. Box 1080, NL-2260 BB Leid-schendam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E01H 13/00**

(11) **WO 2004/085747** (13) A1

(21) PCT/BE2004/000042

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) fr (26) fr

(30) 2003/0187 **24 Mar/mar 2003 BE (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOG PREVENTION SYSTEM

• DISPOSITIF ANTI-BROUILLARD

(71) **PARABRUMA S.A. [BE/BE]**; Place de Spiennes 1, B-7032 Spiennes (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OST, Christian [BE/BE]**; Avenue des Cèdres 2, B-7022 Mons (BE).

(74) **POWIS DE TENBOSSCHE, Roland et al.** / etc.; Cabinet Bede S.A., Boulevard General Wahis 15, B-1030 Bruxelles (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E02D 5/46**

(11) **WO 2004/085748** (13) A1

(21) PCT/JP2003/003571

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF BUILDING PILLAR-LIKE GROUND IMPROVING BODY USING STEEL PIPE PILE

• PROCEDE DE CONSTRUCTION D'UNE STRUCTURE DE PILIER DONT LA TENUE AU SOL EST AMELIOREE, AU MOYEN D'UN PIEU TUBULAIRE EN ACIER

(71) **DAIWA HOUSE INDUSTRY CO.,LTD.** [JP/JP]; 3-5, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-8241 (JP). **FUJI SHOJI KABUSHI KAISHA [JP/JP]**; 11-45, Tamako-machi 2-chome, Higashimurayama-shi, Tokyo 189-0026 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRATA, Sigeyoshi [JP/JP]**; c/o DAIWA HOUSE INDUSTRY CO., LTD., 3-5, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-8241 (JP). **ITAGAKI, Fujio [JP/JP]**;

c/o FUJI SHOJI KABUSHI KAISHA, 11-45, Tamako-machi 2-chome, Higashimurayama-shi, Tokyo 189-0026 (JP).

(74) HARIMA, Yuji; Harima & co., Minamisenba M21 bldg., 10-20, Minamisenba 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 E02D 29/045, E04B 1/344

(11) WO 2004/085749 (13) A1

(21) PCT/EP2004/003101

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) TO2003 A 000243 28 Mar/mar 2003 IT (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR THE CONSTRUCTION OF A SEGMENT OF AN OPEN-AIR WORK BY PREFABRICATED STRUCTURAL MEMBERS, AND PREFABRICATED STRUCTURAL MEMBER RELATED THERETO

• PROCESSUS DE FORMATION D'UN SEGMENT D'OUVRAGE A CIEL OUVERT AU MOYEN D'ELEMENTS STRUCTURELS PREFABRIQUES ET ELEMENTS STRUCTURELS PREFABRIQUES CONÇUS A CET EFFET

(71, 72) CHIAVES, Carlo [IT/IT]; Corso G. Govone, 10, I-10129 Torino (IT).

(74) CIAN, Paolo; Saconney & Cian, Corso Vittorio Emanuele II, 14, I-10123 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/14, E03F 5/02

(11) WO 2004/085750 (13) A1

(21) PCT/EP2004/003028

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 13 362.3 25 Mar/mar 2003 DE (25.03.2003)

(30) 103 30 055.4 3 Jul/juil 2003 DE (03.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SHAFT COVER AND METHOD FOR THE ASSEMBLY THEREOF

• DISPOSITIF DE COUVERTURE DE PUIT ET SON PROCÉDE DE POSE

(71) ACO SEVERIN AHLMANN GMBH & CO. KG [DE/DE]; Am Ahlmannkai, 24768 Rendsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUCHS, Alfred [DE/DE]; Am Goldborn 11b, 65623 Hahnstätten (DE). GILBERT, Harald [DE/DE]; Brühlstrasse 19, 65326 Aarbergen (DE).

(74) BOHNENBERGER, Johannes et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/14

(11) WO 2004/085751 (13) A1

(21) PCT/IB2004/000788

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) RM2003A000140 28 Mar/mar 2003 IT (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MANHOLE FOR USE IN ROADS WITH COVER WHICH CAN BE MOVED VERTICALLY

• REGARD DESTINE A DES CHAUSSEES ET COMPORTANT UN COUVERCLE SE DEPLACANT VERTICALEMENT

(71, 72) MORELLI, Alberto [IT/IT]; Via Lugano 22, I-22027 Ronago (IT).

(74) FIAMMENGHI-DOMENIGHETTI, Delfina; c/o Fiammenghi-Fiammenghi, Via San Gottardo, 15, CH-6900 Lugano (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, B60K 25/00, 41/16

(11) WO 2004/085752 (13) A1

(21) PCT/EP2004/002940

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 334.3 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRIVE TRAIN FOR A MOBILE VEHICLE AND METHOD FOR CONTROLLING SAID DRIVE TRAIN

• ENSEMBLE MOTEUR POUR VEHICULE AUTOMOBILE, ET PROCÉDE POUR COMMANDER UN TEL ENSEMBLE MOTEUR

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AUMANN, Bernd [DE/DE]; Am Felderhölzle 4, 88279 Amtzell (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03C 1/08

(11) WO 2004/085753 (13) A1

(21) PCT/EP2003/014389

(22) 17 Dec/déc 2003 (17.12.2003)

(25) de (26) de

(30) 103 13 501.4 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SANITARY WATER DISCHARGE UNIT, ESPECIALLY JET REGULATOR OR SHOWER

• UNITÉ SANITAIRE D'ÉCOULEMENT D'EAU, NOTAMMENT RÉGULATEUR DE JET OU POMME DE DOUCHE

(71) NEOPERL GMBH [DE/DE]; Klosterrunstrasse 11, 79379 Müllheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIS, Christoph [DE/DE]; Am Lerchenbuck 6, 79379 Müllheim (DE). GRETHER, Hermann [DE/DE]; Weiler-matt 4, 79379 Müllheim (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg i. Br. (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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 (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03F 5/06

(11) WO 2004/085754 (13) A1

(21) PCT/EP2004/003120

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 361.5 25 Mar/mar 2003 DE (25.03.2003)

(30) 103 37 408.6 14 Aug/août 2003 DE (14.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COVER ARRANGEMENT
• DISPOSITIF DE REVETEMENT

(71) ACO SEVERIN AHLMANN GMBH & CO. KG [DE/DE]; Am Ahlmannkai, 24768 Rendsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUCHS, Alfred [DE/DE]; Am Goldborn 11b, 65623 Hahnstätten (DE). GILBERT, Harald [DE/DE]; Brühlstrasse 19, 65326 Aarbergen (DE).

(74) BOHNENBERGER, Johannes et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04B

(11) WO 2004/085755 (13) A2

(21) PCT/US2004/009148

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,537 24 Mar/mar 2003 US (24.03.2003)

(30) 60/503,936 18 Sep/sep 2003 US (18.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IRREGULAR TESSELLATED BUILDING UNITS

• UNITES DE CONSTRUCTIONS QUADRILLES IRREGULIERES

(71) RICCOBENE MASONRY COMPANY, INC. [US/US]; 6141 Edith Boulevard, NE, Albuquerque, NM 87107 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICCOBENE, Thomas, S. [US/US]; 532 Westgate Lane, NW, Albuquerque, NM 87107 (US).

(74) JUETTNER, Paul, G. et al. / etc.; Greer, Burns & Crain, Ltd., 300 South Wacker Drive, Suite 2500, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 E04B 1/00

(11) WO 2004/085756 (13) A2

(21) PCT/DE2004/000360

(22) 20 Feb/fév 2004 (20.02.2004)

(25) de (26) de

(30) 203 03 112.1 20 Feb/fév 2003 DE (20.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOBILE MODULAR WALL-CONTAINER SYSTEM WHICH CAN BE ASSEMBLED IN COLUMNS IN POLYGONAL OR CIRCULAR MANNER

• SYSTEME MODULAIRE MOBILE POUR CONSTITUER DES PAROIS OU DES ESPACES CLOS, POUVANT ETRE ASSEMBLE SOUS LA FORME DE COLONNES POLYGONALES OU CIRCULAIRES

(71, 72) COLOMBO, Giovanni [IT/DE]; Bei Dziomba, Schonensche Strasse 32, 13189 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 E04B 2/74

(11) WO 2004/085757 (13) A1

(21) PCT/IB2004/000922

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) VI2003A000064 26 Mar/mar 2003 IT (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FRAMESTRUCTURE FOR PARTITION WALLS OF BUILDING ROOMS

• STRUCTURE CADRE POUR CLOISONS DE SALLES DE BATIMENTS

(71, 72) GRANDI, Ruggero [IT/IT]; Via Marosticana, 6, I-36100 Vicenza (IT). MARINELLI, Stefano [IT/IT]; Viale S. Agostino, 41, I-36100 Vicenza (IT).

(74) MAROSCIA, Antonio; MAROSCIA & ASSOCIATI SRL, Contr# S. Caterina, 29, I-36100 Vicenza (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04C

(11) WO 2004/085758 (13) A2

(21) PCT/US2004/009034

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en
(30) 10/395,608 **24 Mar/mar 2003** US
(**24.03.2003**)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • A MORTARLESS WALL STRUCTURE
• STRUCTURE DE MUR SANS MOR-
TIER
(71) **ALLIANCE CONCRETE CONCEPTS,**
INC. [US/US]; 325 Alliance Plaza NE,
Rochester, MN 55906 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **PRICE, Raymond** [US/US]; 1215
Tenth Street, Southwest, Rochester, MN
55902 (US).
(74) **HAKOMAKI, James, R.** et al. / etc.;
Moore, Hansen & Sumner, 2900 Wells Fargo
Center, 90 South Seventh Street, Minneapo-
lis, MN 55402 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 15/04, 5/14, B29C 65/10**
(11) **WO 2004/085759** (13) A1
(21) PCT/SE2004/000460
(22) **24 Mar/mar 2004 (24.03.2004)**
(25) sv (26) en
(30) 0300797-8 **24 Mar/mar 2003** SE
(**24.03.2003**)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • AN APARATUS FOR JOINING ROOF
COVERING MATERIALS
• APPAREIL D'ASSEMBLAGE DE MA-
TERIAUX DE COUVERTURE DE TOIT
(71, 72) **RANTZEN, Lennart** [SE/SE]; Södra
Ringgatan 43, S-441 33 Alingsås (SE).
(74) **ROSENQUIST, Per, Olof** et al. / etc.;
Bergenstråhle & Lindvall AB, P.O. Box
17704, S-118 93 Stockholm (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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**
(11) **WO 2004/085760** (13) A2
(21) PCT/PL2004/000022
(22) **23 Mar/mar 2004 (23.03.2004)**
(25) en (26) en
(30) P 359374 **27 Mar/mar 2003** PL
(**27.03.2003**)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DECK
• PLATE-FORME
(71, 72) **BARANOWSKI, Grzegorz** [PL/PL];
ul. Abrahama 48, PL-80-307 Gdansk-Oliwa
(PL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/00**
(11) **WO 2004/085761** (13) A1
(21) PCT/SE2004/000437
(22) **23 Mar/mar 2004 (23.03.2004)**
(25) sv (26) en
(30) 0300859-6 **26 Mar/mar 2003** SE
(**26.03.2003**)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DEVICE AT A THRESHOLD RAMP
• RAMPE REGLABLE POUR SEUIL
(71) **CARL KERUBÖÖ AB** [SE/SE]; Metall-
gatan 27, S-262 72 Ängelholm (SE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **ANDERSSON, Arne** [SE/SE]; Klitter-
vägen 7, S-262 62 Ängelholm (SE).
(74) **GROTH & CO I MALMÖ HB**; P.O. Box
6153, S-200 11 Malmö (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/00**
(11) **WO 2004/085762** (13) A1
(21) PCT/SE2004/000438

(22) **23 Mar/mar 2004 (23.03.2004)**
(25) sv (26) en
(30) 0300858-8 **26 Mar/mar 2003** SE
(**26.03.2003**)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • THRESHOLD RAMP
• RAMPE DE SEUIL
(71) **CARL KERUBÖÖ AB** [SE/SE]; Metall-
gatan 27, S-262 72 Ängelholm (SE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **ANDERSSON, Arne** [SE/SE]; Klitter-
vägen 7, S-262 62 Ängelholm (SE).
(74) **GROTH & CO I MALMÖ HB**; P.O. Box
6153, Norra Vallgatan 72, S-200 11 Malmö
(SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 15/02, 15/04**
(11) **WO 2004/085763** (13) A1
(21) PCT/EP2003/013861
(22) **6 Dec/déc 2003 (06.12.2003)**
(25) de (26) de
(30) 103 13 112.4 **24 Mar/mar 2003** DE
(**24.03.2003**)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PANEL, IN PARTICULAR A FLOOR
PANEL AND METHOD FOR THE LAY-
ING OF PANELS
• PANNEAU, NOTAMMENT PANNEAU
DE PLANCHER ET PROCEDE POUR
POSER DES PANNEAUX
(71) **E.F.P. FLOOR PRODUCTS FUBBÖDEN**
GMBH [AT/AT]; Weiberndorf 20, A-6380 St.
Johann in Tirol (AT).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **WEBER, Jürgen** [DE/DE]; Am Braut-
morgen 32, 59469 Ense (DE).
(74) **COHAUSZ & FLORACK**; Bleichstrasse
14, 40211 Düsseldorf (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SD SE SG SI SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

- MC NL PT RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E04F 15/024**
(11) **WO 2004/085764** (13) A1
(21) PCT/IE2004/000039
(22) **24 Mar/mar 2004 (24.03.2004)**
(25) en (26) en
(30) 2003/0217 **24 Mar/mar 2003 IE (24.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • FLOOR PANEL WITH SEALING LIP
• PANNEAU DE PLANCHER COMPOSITE AVEC UNE LEVRE D'ETANCHEITE
(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) **MEANWELL, Keith** [GB/GB]; 230 Pickering Road, Hull HU4 7AB (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ **E04G 1/26, 7/30, B66F 17/00**
(11) **WO 2004/085766** (13) A1
(21) PCT/JP2004/004287
(22) **26 Mar/mar 2004 (26.03.2004)**
(25) ja (26) ja
(30) 2003-084931 **26 Mar/mar 2003 JP (26.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DISLOCATION PREVENTION DEVICE FOR SUPPORTING COLUMN-LIFTING DEVICE
• DISPOSITIF POUR EMPECHER LE DESACCOUPLEMENT D'UN DISPOSITIF DE LEVAGE DE COLONNE SUPPORT
(71) **ASAHI LEALUCK KABUSHIKI KAISHA** [JP/JP]; 2-1, Nihonbashikigara-cho 1-chome, Chuo-ku, Tokyo 1030014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KOMATSU, Tatsuo** [JP/JP]; c/o Asahi Lealuck Kabushiki Kaisha, 2-1, Nihonbashikigara-cho 1-chome, Chuo-ku, Tokyo 1030014 (JP).
(74) **KUMON, Satoru et al.** / etc.; 5-21, Akasaka 6-chome, Minato-ku, Tokyo 1070052 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 15/08, F16B 5/00, 12/24, E04F 13/08**
(11) **WO 2004/085765** (13) A1
(21) PCT/DE2004/000148
(22) **30 Jan/jan 2004 (30.01.2004)**
(25) de (26) de
(30) 203 04 761.3 **24 Mar/mar 2003 DE (24.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DEVICE FOR CONNECTING BUILDING BOARDS, ESPECIALLY FLOOR PANELS
• DISPOSITIF POUR ASSEMBLER DES PANNEAUX DE CONSTRUCTION, NOTAMMENT DES PANNEAUX DE REVETEMENT DE SOL
(71) **KRONOTEC AG** [CH/CH]; Haldenstrasse 12, CH-6006 Luzern (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GRAFENAUER, Thomas** [AT/FR]; Les Girards, F-45570 Onzour sur Loire (FR).
LEWARK, Matthias [DE/DE]; Ruppiner Strasse 35, 16766 Kremmen (DE).
-
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **E04G 17/065**
(11) **WO 2004/085767** (13) A1
(21) PCT/NO2004/000090
(22) **29 Mar/mar 2004 (29.03.2004)**
(25) no (26) en
(30) 20031451 **28 Mar/mar 2003 NO (28.03.2003)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ARRANGEMENT AND METHOD FOR FORMING A BUSHING IN CONCRETE
• DISPOSITIF ET PROCEDE DE FORMATION D'UNE TRAVERSEE DANS DU BETON
(71, 72) **BRUNE, Oddvar** [NO/NO]; N-6260 SKODJE (NO).
(74) **OSLO PATENTKONTOR AS**; Postboks 7007M, N-0306 OSLO (NO).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 **E04H**
(11) **WO 2004/085768** (13) A2
(21) PCT/ZA2003/000042
(22) **27 Mar/mar 2003 (27.03.2003)**
(25) en (26) en
(30) 2002/2440 **27 Mar/mar 2002 ZA (27.03.2002)**
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DIRECTION & MOTION REGULATOR
• REGULATEUR DE DIRECTION ET DE MOUVEMENT
(71) **MICROZONE TRADING 1240 CC** [ZA/ZA]; Reg.no. 2002/078283/23, 40 Marija Street, Wonderboom, 0182, Gauteng Province (ZA).
(72) **WHITE, Hendrik, Christoffel**; 40 Marija Street, Wonderboom, 0182, Gauteng Province (ZA).
ROODT, Herman, Petrus; 774 Flange Street, Montanapark, Pretoria, Gauteng Province (ZA).
(74) **MICROZONE TRADING 1240 CC**; Reg.no. 2002/078283/23, Postnet Suite72,

B/Bag X504, Sinoville, 0182, Gauteng Province (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 E04H 4/08

(11) WO 2004/085769 (13) A1

(21) PCT/US2004/008754

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/393,725 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HOT TUB ASSEMBLY
• ENSEMBLE SPA

(71) STEALTH INDUSTRIES, LTD. [CN/CN]; 909-911 Tsim Sha Tsui Centremody RD., East Wing, 66 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONELLI, Jonathan, J. [US/US]; 200 East 90th Street, Apt. 4G, New York, NY 10128 (US). COWDELL, Matt [US/US]; 10 Valley Court, Holtsville, NY 11742 (US). SACCOCCIO, Mitchell [US/US]; 54 Webster Avenue, Lake Ronkonkoma, NY 11779 (US).

(74) BARRESE, Rocco, S. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

(11) WO 2004/085770 (13) A2

(21) PCT/US2004/007447

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 60/454,185 10 Mar/mar 2003 US (10.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOCKING DEVICE

• DISPOSITIF DE VERROUILLAGE

(71, 72) WYERS, Philip, W. [US/US]; 14705 E. Arberdeen Avenue, Centennial, CO 80016 (US).

(74) MARTIN, Timothy, J. et al. / etc.; Timothy J. Martin, P.C., 9250 W. 5th Avenue, Suite 200, Lakewood, CO 80226 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/10, 1/00

(11) WO 2004/085771 (13) A1

(21) PCT/IB2004/050320

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003/00380 24 Mar/mar 2003 TR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A HOUSEHOLD APPLIANCE
• APPAREIL ELECTROMENAGER

(71) ARCELIK ANONIM SIRKETI [TR/TR]; E5 Ankara Asfalti uzeri, Tuzla, 34950 Istanbul (TR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARISOY, Emre [TR/TR]; Arcelik Anonim Sirketi, E5 Ankara Asfalti uzeri, Tuzla, 34950 Istanbul (TR). TAKIL, Ilker [TR/TR]; Arcelik Anonim Sirketi, E5 Ankara Asfalti uzeri, Tuzla, 34950 Istanbul (TR).

(74) ANKARA, PATENT, BUROSU, LIM-ITED, SIRKETI; Bestekar Sokak No:10, Kavaklidere, 06680 Ankara (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 29/00

(11) WO 2004/085772 (13) A1

(21) PCT/EP2003/011941

(22) 28 Oct/oct 2003 (28.10.2003)

(25) de (26) de

(30) 103 13 125.6 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYLINDER LOCK

• CYLINDRE DE FERMETURE

(71) HUF HÜLSBECK & FÜRST GMBH & CO. KG [DE/DE]; Steeger Strasse 17, 42551 Velbert (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARRENBURG, Günter [DE/DE]; Am Buschkothen 20, 42551 Velbert (DE). LÖW, Mathias [DE/DE]; Fritz-Windisch-Strasse 57, 40885 Ratingen (DE).

(74) MENTZEL, Norbert et al. / etc.; Kleiner Werth 34, 42275 Wuppertal (DE).

(81) BR 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 :

(u) for / pour US only / seulement

(51)⁷ E05B 37/20

(11) WO 2004/085773 (13) A1

(21) PCT/CN2004/000249

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/394,345 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN EFFICIENT LOCK AND KEY SYSTEM
• SYSTEME DE SERRURE ET DE CLE EFFICACE

(71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72) WONG, Alfred K.; Flat A4, Block 3 tam Towers, 25 Sha Wan Drive, Pokfulam, Hong Kong (CN). YANG, Edward, S.; 1100 Cotton Street, Menlo Park, CA 94025 (US). YE-UNG, Szeman

(74) CHINA PATENT AGENT (H.K.) LTD.; 22F Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 65/20, 65/32

(11) WO 2004/085774 (13) A1

(21) PCT/EP2004/050344

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 0303970 27 Mar/mar 2003 FR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOCK FOR AN OPENING ON A MOTOR VEHICLE, WITH A MEMORY FOR UNLOCKING/LOCKING

• SERRURE POUR OUVRANT DE VEHICULE AUTOMOBILE, A MEMORISATION DE DECONDAMNATION/CONDAMNATION

(71) VALEO SECURITE HABITACLE [FR/FR]; VALEO SECURITE HABITACLE, SPI, 42 rue le Corbusier, F-94042 Créteil (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPONT, Patrick [FR/FR]; 1 Rue du Haut à Nolette, F-80860 Noyelles sur Mer (FR). LEJEUNE, Nicolas [FR/FR]; 2 Rue du Petit Marais, F-62170 MONTCAVREL (FR).

(74) HERVOUET, Sylvie et al. / etc.; VALEO Sécurité Habitable, SPI, 42 Rue le Corbusier, F-94042 Créteil (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 65/20, 15/02, 47/00

(11) WO 2004/085775 (13) A1

(21) PCT/EP2004/050368

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 10314124.3 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLOSING AID FOR CLOSING A VEHICLE DOOR

• SYSTEME D'ASSISTANCE A LA FERMETURE PERMETTANT DE FERMER UNE PORTE DE VEHICULE

(71) VALEO SICHERHEITSSYSTEME GMBH; Waldstrasse 2, 85253 Erdweg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWAB, Dittmar [DE/DE]; Goethestr. 21, 63110 Rodgau (DE). WINTER, Andreas [DE/DE]; Von Gravenreuthstrasse 40, 81827 München (DE).

(74) HERVOUET, Sylvie; VALEO SECURITE HABITACLE, Service Propriété Industrielle, 42, Rue le Corbusier - Zone Europarc, F-94042 Créteil (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E05C 17/60, B60J 5/06

(11) WO 2004/085776 (13) A1

(21) PCT/JP1999/006465

(22) 19 Nov/nov 1999 (19.11.1999)

(25) ja (26) ja

(30) 10-332734 24 Nov/nov 1998 JP
(24.11.1998)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SLIDE DOOR

• PORTIERE COULISSANTE

(71, 72) HASHIBA, Yasuhiro [JP/JP]; c/o Shiroki Kogyo Co., Ltd., 2, Kiriharacho, Fujisawa-shi, Kanagawa 252-0811 (JP). KADONISHI, Ryota [JP/JP]; c/o Shiroki Kogyo Co., Ltd., 2, Kiriharacho, Fujisawa-shi, Kanagawa 252-0811 (JP).

(74) IJIMA, Toji et al. / etc.; Ijima & Samejima Patent Office, La Porte Building, 3F, 3-1, Tamadaira 2-chome, Hino-shi, Tokyo 191-0062 (JP).

(81) US.

Published / Publiée : (e): 02Jul/juil 2002
(02.07.2002), 6412222(51)⁷ E05C 19/02, E05F 3/14, 5/10, F16F 9/12

(11) WO 2004/085777 (13) A1

(21) PCT/IT2003/000535

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) TO2003U000058 27 Mar/mar 2003 IT
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A DEVICE FOR SLOWING THE MOVEMENT OF A DOOR, DRAWER OR SIMILAR MOVABLE MEMBER, HAVING RELEASABLE LOCKING MEANS

• DISPOSITIF RALENTISSANT LE MOUVEMENT D'UNE PORTE, D'UN TIROIR OU AUTRE ELEMENT MOBILE SIMILAIRE, A VERROUILLAGE AUTOMATIQUE

(71, 72) CULTRARO, Antonino [IT/IT]; Via Montegrappa, 26, I-10098 Rivoli (Torino) (IT).

(74) QUINTERNO, Giuseppe et al. / etc.; Jacobacci & Partners SpA, Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 E05D 7/00, 11/10

(11) WO 2004/085778 (13) A1

(21) PCT/EP2004/003387

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 13 961.3 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADJUSTABLE HINGE, ESPECIALLY FOR SHOWER DOORS AND/OR GLASS DOORS

• PENTURE REGLABLE, NOTAMMENT POUR PORTES DE DOUCHE ET/OU PORTES EN VERRE

(71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Str. 42-48, 58256 Ennepetal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLÖBAUM, Ernst, Udo [DE/DE]; Goethestrasse 35, 33818 Leopoldshöhe (DE).

(74) GINZEL, Lothar; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E05D 7/10

(11) WO 2004/085779 (13) A2

(21) PCT/US2004/008565

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,863 **21 Mar/mar 2003** US
(**21.03.2003**)

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • COLLAPSIBLE CONTAINER
• CONTENEUR PLIABLE

(71) **REHRIG PACIFIC COMPANY** [US/US];
4010 East 26th Street, Los Angeles, Califor-
nia 90023 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SMYERS, Justin, M.** [US/US]; 607 N.
Irena, Apt. 202, Redondo Beach, CA 90277
(US).

(74) **DIAMOND, Konstantine, J.**; 4010 E. 26th
Street, Los Angeles, California 90023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ E05D 11/10, 5/02, 7/04, A47K 3/36

(11) **WO 2004/085780** (13) A1

(21) PCT/EP2004/003388

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) de (26) de

(30) 103 13 962.4 **27 Mar/mar 2003** DE
(**27.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • HINGE, ESPECIALLY FOR SHOWER
AND/OR GLASS DOORS
• PENTURE, NOTAMMENT POUR
PORTES DE DOUCHE ET/OU PORTES
EN VERRE

(71) **DORMA GMBH + CO. KG** [DE/DE];
Breckerfelder Strasse 42-48, 58256 En-
nepetal (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **BLÖBAUM, Ernst, Udo** [DE/DE];
Geothestrass 35, 33818 Leopoldshöhe (DE).

(74) **GINZEL, Lothar**; Dorma GmbH + Co. KG,
Breckerfelder Strasse 42-48, 58256 Ennepetal
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

(51)⁷ E05F

(11) **WO 2004/085781** (13) A2

(21) PCT/US2004/008252

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 60/455,989 **19 Mar/mar 2003** US
(**19.03.2003**)

(30) DP-309958 **11 Mar/mar 2004** US
(**11.03.2004**)

(30) DP-309970 **11 Mar/mar 2004** US
(**11.03.2004**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • APPARATUS AND METHOD FOR PRO-
VIDING A MODULAR SLIDING DOOR
MECHANISM
• APPAREIL ET PROCEDE POUR ME-
NAGER UN MECANISME DE PORTE
COULISSANTE MODULAIRE

(71) **DELPI TECHNOLOGIES, INC.** [US/US];
Legal Staff-M/C 480-410-202, P.O. Box
5052, Troy, MI 48007 (US).

(72) **ROGERS, Lloyd, W., Jr.**; 53601 Wolf
Drive, Shelby Twp., MI 48316 (US). **HAM-
MINGA, Jeffrey, S.**; 4937 E. Ten Mile Road,
Apt. #6, Warren, MI 48091 (US). **LINDSAY,
Theodore, J.**; 7603 Twenty Two Mile Road,
Shelby Twp., MI 48317 (US). **ORR, Brian,
N.**; 53552 Katarina, Chesterfield, MI 48051
(US).

(74) **MCBAIN, Scott, A.**; Delphi Technologies,
Inc., Legal Staff - M/C 480-410-202, P.O. Box
5052, Troy, MI 48007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/12, 1/10

(11) **WO 2004/085782** (13) A1

(21) PCT/DE2004/000598

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) de (26) de

(30) 103 14 098.0 **27 Mar/mar 2003** DE
(**27.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DEVICE FOR CLOSING A DOOR
• DISPOSITIF DE FERMETURE D'UNE
PORTE

(71, 72) **ENDRES, Volker** [DE/DE]; Eichstrasse
25, 97941 Tauberbischofsheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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

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(51)⁷ E05F 11/00

(11) **WO 2004/085783** (13) A1

(21) PCT/US2004/008916

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 10/395,407 **24 Mar/mar 2003** US
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DRIVE SYSTEM FOR GARAGE DOOR
• SYSTEME D'ENTRAINEMENT POUR
PORTE DE GARAGE

(71) **THE CHAMBERLAIN GROUP, INC.**
[US/US]; 845 Larch Avenue, Elmhurst, IL
60126 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **OLMSTED, Robert, J.** [US/US]; 161 E
Louise Court, Wood Dale, IL 60191 (US).

(74) **SAMPLES, Kenneth, H. et al. / etc.**; Fitch,
Even, Tabin & Flannery, Suite 1600, 120
South LaSalle Street, Chicago, IL 60603
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ E06B 3/48

(11) **WO 2004/085784** (13) A1

(21) PCT/IE2004/000041

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 03394032.1 **24 Mar/mar 2003** EP
(**24.03.2003**)

(30) 2003/0830 **7 Nov/nov 2003** IE
(**07.11.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A DOOR PANEL
• PANNEAU DE PORTE
- (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) STEVENS, Mark, Victor [GB/GB]; 85 Ruffa Lane, Pickering YO18 7HT (GB).
TOZER, Samuel [GB/GB]; Rock Cottage, Newbridge, Pickering, North Yorkshire YO18 8JJ (GB).
- (74) O'BRIEN, John, A et al. / etc.; c/o John A. O'Brien & Associates, Third Floor, Duncain House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/92
- (11) WO 2004/085785 (13) A1
- (21) PCT/IL2004/000266
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/394,572 24 Mar/mar 2003 US (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • AN ADJUSTABLE DOOR
• PORTE REGLABLE
- (71) MIFALEI ETZ KARMIEL LTD. [IL/IL]; Karmiel Industrial Zone, Karmiel 20100 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SKUBLEVITZ, Avi [IL/IL]; 1 Brenner Street, Kiryat Ono 55201 (IL).
- (74) REINHOLD COHN AND PARTNERS; P.O.B. 4060, Tel Aviv 61040 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/90, 9/322, 9/56
- (11) WO 2004/085786 (13) A1
- (21) PCT/IB2004/001050
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) BO2003A000174 28 Mar/mar 2003 IT (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A FRICTION DEVICE FOR ROLLING UP CURTAINS AND THE LIKE
• DISPOSITIF A FRICTION POUR EN-ROULER DES RIDEAUX ET SIMILAIRES
- (71, 72) MINDER, Carl, Emil, Felix [IT/IT]; Via Disciplini 9, I-20123 Milano (IT).
- (74) DALL'OLIO, Giancarlo; Invention S.a.s., Via delle Armie 1, I-40137 Bologna (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ E21B
- (11) WO 2004/085787 (13) A2
- (21) PCT/GB2004/001193
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 0306821.0 25 Mar/mar 2003 GB (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DUAL FUNCTION CLEANING TOOL
• OUTIL DE NETTOYAGE A DOUBLE FONCTION
- (71) SPECIALISED PETROLEUM SERVICES GROUP LIMITED [GB/GB]; Arnhall Business Park, Westhill, Aberdeen AB32 6TQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TELFER, George [GB/GB]; 19 Grosvenor Place, Aberdeen AB25 2RE (GB).
- (74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085788 (13) A2
- (21) PCT/NO2004/000069
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) en (26) en
- (30) 2003 1168 13 Mar/mar 2003 NO (13.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND ARRANGEMENT FOR PERFORMING DRILLING OPERATIONS
• PROCEDE ET SYSTEME POUR EFFECTUER DES OPERATIONS DE FORAGE
- (71) OCEAN RISER SYSTEMS AS [NO/NO]; P.O.Box 2732 Solli, N-0204 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FOSSLI, Børre [NO/NO]; Reichweinsgate 6, N-0254 Oslo (NO).
- (74) PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS; P.O.Box 5074 Majorstuen, N-0301 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085789 (13) A2
- (21) PCT/NO2004/000084
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 20031453 28 Mar/mar 2003 NO (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WELL SYSTEM

• SYSTEME POUR PUIT

(71) FMC KONGSBERG SUBSEA AS [NO/NO]; P.O. Box 1012, N-3601 Kongsberg (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANDBERG, Geir [NO/NO]; Berberissveien 30A, N-3408 Tranby (NO). HAAVIMB, Stein, Tore [NO/NO]; Münsters Vei 4, N-3610 Kongsberg (NO). FØLKNER, Stein [NO/NO]; Dyrefaret 8, N-1362 Hosle (NO). ANDERSEN, Tore [NO/NO]; Orakerstien 12, N-0284 Oslo (NO). KLEPPE, Geir, Ståle [NO/NO]; Olav Aukrusts vei 2a, N-0785 Oslo (NO). BREDA, Jøren [NO/NO]; Sundveien 14b, N-1397 Nesøya (NO).

(74) ONSAGERS AS; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085790 (13) A2

(21) PCT/US2004/009434

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,965 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR RADially EXPANDING AND PLASTICALLY DEFORMING A TUBULAR MEMBER

• APPAREIL PERMETTANT L'EXPANSION RADIALE ET LA DEFORMATION PLASTIQUE D'UN ELEMENT TUBULAIRE

(71) ENVENTURE GLOBAL TECHNOLOGY [US/US]; 16200 A. Park Row, Houston, TX 77084 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATSON, Brock, Wayne [US/US]; 2535 Marsh Lane #1004, Carrollton, TX 75006 (US).

(74) MATTINGLY, Todd; Haynes and Boone, LLP, Suite 3100, 901 Main Street, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 E21B 4/14, B25D 9/00

(11) WO 2004/085791 (13) A1

(21) PCT/SE2004/000373

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 0300836-4 26 Mar/mar 2003 SE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A HYDRAULIC DRILL STRING DEVICE, IN PARTICULAR A HYDRAULIC IN-HOLE ROCK DRILLING MACHINE

• DISPOSITIF A TRAIN DE FORAGE HYDRAULIQUE, EN PARTICULIER POUR MACHINE DE FORAGE DE ROCHE HYDRAULIQUE FOND-DE-TRou

(71) WASSARA AB [SE/SE]; Götgatan 62, S-118 26 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EGERSTRÖM, Fredrik [SE/SE]; Dili-gensvägen 70, S-131 42 Nacka (SE).

(74) ÅSLUND, Roland; Avesta Patentbyrå, P.O. Box 99, S-775 01 Krylbo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 10/58

(11) WO 2004/085792 (13) A1

(21) PCT/SE2004/000426

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003.203447 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRILL BIT ASSEMBLY, DRILL ROD INCLUDING THE DRILL BIT ASSEMBLY AND DRILL TIP FOR A SELF DRILLING ROCK OR ROOF BOLT

• ENSEMBLE TREPAN, TIGE DE FORAGE COMPRENANT LEDIT ENSEMBLE TREPAN ET FORET POUR

AUTO-PERÇAGE DE ROCHE OU DE BOULON AU TOIT

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).

(72) BARRY, John; 12 Elsworth Pde, Merewether Hts, NSW 2291 (AU).

(74) CARLSSON, Lars-Åke; Sandvik AB, Intellectual Property, S-811 81 Sandviken (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 34/10, 21/10, 34/08

(11) WO 2004/085793 (13) A1

(21) PCT/GB2004/001344

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307237.8 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WELLBORE ANNULUS FLUSHING VALVE

• VANNE DE CHASSE D'ANNULAIRE DE PUIT DE FORAGE

(71) SMITH INTERNATIONAL, INC. [US/US]; 16740 Hardy Street, Houston, TX 77205-0068 (US).

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(72, 75) LAPLANTE, Tony [GB/GB]; 27 Baker Street, Rosemount, Aberdeen AB25 1UR (GB). MCGARIAN, Bruce [GB/GB]; 23 East Glebe, Stonehaven, Aberdeen AB3 2HW (GB).

(74) BENNETT, Adrian, Robert, James et al. / etc.; AA Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 36/00, 17/01, 43/12

(11) WO 2004/085794 (13) A1

(21) PCT/FR2004/000619

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/03274 18 Mar/mar 2003 FR
(18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR HEATING AND THERMALLY INSULATING AT LEAST ONE UNDERSEA PIPELINE

- DISPOSITIF DE RECHAUFFAGE ET D'ISOLATION THERMIQUE D'AU MOINS UNE CONDUITE SOUS-MARINE

(71) SAIPEM S.A. [FR/FR]; 1/7, avenue San Fernando, F-78180 Montigny Le Bretonneux (FR).

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(72, 75) CHIESA, Giovanni [IT/IT]; Via Gorizia, 4, I-20097 San Donato Milanese (IT). CASOLA, Floriano [IT/IT]; Via Dante Alighieri, 26b, I-21045 Gazzada schianno (IT). PIONETTI, François-Régis [FR/FR]; Le Haut Bosc, F-50450 La Baleine (FR).

(74) DOMANGE, Maxime; Cabinet Beau de Loménie, 232, avenue du Prado, F-13295 Marseille Cedex 8 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 E21B 47/10, 49/00

(11) WO 2004/085795 (13) A1

(21) PCT/GB2004/001084

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/458,867 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD TO MEASURE INJECTOR INFLOW PROFILES

- PROCEDE SERVANT A MESURER DES PROFILS D'ARRIVEE D'ECOULEMENT D'INJECTEUR

(71) SENSOR HIGHWAY LIMITED [GB/GB]; 8th Floor, South Quay Plaza II, 183 Marsh Wall, London E14 9SH (GB).

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(72, 75) BROWN, George, A. [GB/GB]; Oak House, 12 Woodlands Drive, Beaconsfield, Buckinghamshire HP9 1JY (GB).

(74) KANAK, Wayne, I.; Sensa, Gamma House, Enterprise Road, Chilworth Science Park, Southampton SO16 7NS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E21B 47/18

(11) WO 2004/085796 (13) A1

(21) PCT/GB2004/001281

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306929.1 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BOREHOLE TELEMETRY SYSTEM

- SYSTEME DE TELEMETRIE POUR TROU DE FORAGE

(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL). PRAD RESEARCH AND DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN). SCHLUMBERGER CANADA LIMITED [CA/CA]; 525-3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA). SCHLUMBERGER SEACO INC. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA). SCHLUMBERGER HOLDINGS LIMITED; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG). SCHLUMBERGER OILFIELD ASSISTANCE LIMITED; Craigmuir Chambers, Road Town, Tortola (VG). SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA). SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR). SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).

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(72, 75) HUANG, Songming [GB/GB]; 97 Limes Road, Hardwick, Cambridgeshire CB3 7XN (GB). MONMONT, Franck [FR/GB]; Rose Cottage, Bossert's Way, Highfields, Caldecote, Cambridgeshire CB3 7PA (GB). TENNENT, Robert [ZA/GB]; Wattle Close, Lower Cambourne, Cambridgeshire CB3 6BU (GB).

(74) CURINGTON, Timothy, W.; Intellectual Property Law Department, Schlumberger Cambridge Research Limited, High Cross, Maddingley Road, Cambridge CB3 0EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/085797 (13) A1

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(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,084 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR MEASURING FORMATION PROPERTIES THROUGH CASED WELLBORES

- SYSTEME ET PROCEDE POUR LA MESURE DE PROPRIETES DE FORMATION A TRAVERS DES TROUS DE FORAGE TUBES

(71) SHELL OIL COMPANY [US/US]; One Shell Plaza, P.O. Box 2463, Houston, TX 77252 (US).

(for all designated States except / pour tous les États désignés sauf CA US)

(71) SHELL CANADA LIMITED [CA/CA]; 400, 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

(72, 75) DRIA, Dennis, Edward [US/US]; 118 Paul Revere Drive, Houston, TX 77024 (US). HASHEM, Mohamed, Naguib [US/US]; One Shell Square, 701 Poydras Street, New Orleans, LA 70139 (US). RAMBOW, Frederick, Henry, Kreisler [US/US]; 5526 Darnell, Houston, TX 77096 (US).

(74) MONTALVO, Eugene, R.; Shell oil Company, One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/107

(11) WO 2004/085798 (13) A1

(21) PCT/RU2004/000031

(22) 3 Feb/fév 2004 (03.02.2004)

(25) ru (26) ru

(30) 2003108246 **25 Mar/mar 2003** RU
(**25.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GEROTOR MECHANISM FOR A SCREW HYDRAULIC MACHINE
• MECANISME DENTE D'UNE MACHINE A VIS

(71) OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU FIRMA "RADIUS-SERVIS" [RU/RU]; ul. Geroev Khasana, 50, Perm, 614022 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDOSKIN, Vladimir Nikolaevich [RU/RU]; ul. Kufonina, 28-16, Perm, 614097 (RU). ASTAFIEV, Sergei Petrovich [RU/RU]; ul. Samoletnaya, 48-23, Perm, 614022 (RU). PUSHKAREV, Maksim Anatolievich [RU/RU]; ul. Magistralnaya, 104/1-71, Perm, 614032 (RU). GLINKIN, Aleksei Sergeevich [RU/RU]; ul. Pushkina, 23-102, Perm, 614000 (RU). FADEEV, Mikhail Valerievich [RU/RU]; ul. 5-Kakhovskaya, 8-231, Perm, 614109 (RU).

(74) OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU FIRMA "RADIUS-SERVIS"; a/ya 8711, Perm, 614022 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 F01D 5/28, 5/18

(11) WO 2004/085799 (13) A1

(21) PCT/EP2004/002223

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 03006962.9 **26 Mar/mar 2003** EP
(**26.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COOLABLE LAYER SYSTEM
• SYSTEME DE COUCHES POUVANT ETRE REFROIDI

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROSS, Heinz-Jürgen [DE/DE]; Eisfahrtstrasse 19, 45478 Mülheim an der Ruhr (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01D 25/24, 25/14, 25/12

(11) WO 2004/085800 (13) A1

(21) PCT/US2004/005782

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 10/376,048 **26 Feb/fév 2003** US
(**26.02.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THERMALLY DECOUPLED MOUNTING FLANGE IN A TURBOCHARGER
• BRIDE DE MONTAGE A DECOUPLAGE THERMIQUE POUR TURBOCOMPRESSEUR

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) MUKHERJEE, Shankar; 505 North Kenwood Street, Apt. 3, Glendale, CA 91206 (US). JANIK, Marion; 6311 Gidgeglade Ct., Rancho Palos Verdes, CA 90275 (US). MADHYASTHA, Maitreya; 2215 Nelson #166, Redondo Beach, CA 90278 (US). WIESMA, Zandrie, J.; 2711 Raiston Lane, Redondo Beach, CA 90278 (US).

(74) HOIRIIS, David 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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/RU2003/000253

(22) 26 May/mai 2003 (26.05.2003)

(25) ru (26) ru

(30) 2003107994 **26 Mar/mar 2003** RU
(**26.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER SUPPLY UNIT
• UNITE D'ALIMENTATION EN ENERGIE

(71, 72) MADOYAN, Ashot Armenovich [RU/RU]; ul. 2-ya Krasnodarskaya, 147/4-4, Rostov-na-Donu, 344091 (RU).

(72, 75) TUMGOEV, Khasan Alievich [RU/RU]; Studenetsky per., 3-8, Moscow, 123100 (RU). BASHIYAN, Alexandr Nikolaevich [RU/RU]; ul. Zoologicheskaya, 30-2-8, Moscow, 103056 (RU). MADOYAN, Armenui Ashatovna [RU/RU]; ul. 2-ya Krasnodarskaya, 147/4-4, Rostov-na-Donu, 344091 (RU).

(74) ANDREEV, Leonid Mikhailovich; ul. Vorontsovskaya, 30-1-101, Moscow, 109044 (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 NA NI 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).

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(51)⁷ F01L 13/00

(11) WO 2004/085802 (13) A1

(21) PCT/EP2004/002740

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 12 958.8 **24 Mar/mar 2003** DE
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR THE VARIABLE ACTUATION OF GAS EXCHANGE VALVES OF INTERNAL COMBUSTION ENGINES AND METHOD FOR OPERATING SAID DEVICE
• DISPOSITIF D'ACTIONNEMENT VARIABLE DES SOUPAPES D'ECHANGE DES GAZ DE MOTEURS A COMBUSTION INTERNE ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE CE TYPE

(71) THYSSENKRUPP AUTOMOTIVE AG [DE/DE]; Alleestrasse 165, 44793 Bochum (DE).
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(72, 75) SCHÖN, Helmut [DE/AT]; Amerdonasstrasse 12, A-6820 Frastanz (AT). KÖHNE, Gordon [DE/AT]; Fluh 21e, A-6900 Bregenz (AT). KUHN, Peter [AT/DE]; Prankelstrasse 61, 69469 Weinheim (DE). OBRIST, Frank [AT/AT]; Gerbergasse 22a, A-6850 Dornbirn (AT).

(74) **ADAMS, Steffen**; ThyssenKrupp Automotive AG, Recht und Patente, Alleestr. 165, Postfach 10 14 11, 44714 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 F01L 13/00

(11) WO 2004/085803 (13) A1

(21) PCT/EP2004/002741

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 12 961.8 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR THE VARIABLE ACTUATION OF THE GAS EXCHANGE VALVES OF INTERNAL COMBUSTION ENGINES

• DISPOSITIF D'ACTIONNEMENT VARIABLE DES SOUPAPES D'ECHANGE DES GAZ DE MOTEURS A COMBUSTION INTERNE

(71) **THYSSENKRUPP AUTOMOTIVE AG** [DE/DE]; Alleestr. 165, 44793 Bochum (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖN, Helmut** [DE/AT]; Amerdonastr. 12, A-6820 Frastanz (AT). **KELLER, Kai-Uwe** [DE/CH]; Arinweg 11, CH-9470 Buchs (CH). **KUHN, Peter** [AT/DE]; Prankelstr. 61, 69469 Weinheim (DE).

(74) **ADAMS, Steffen**; ThyssenKrupp Automotive AG, Recht und Patente, Alleestr. 165, Postfach 10 14 11, 44714 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F01L 13/00

(11) WO 2004/085804 (13) A1

(21) PCT/EP2004/002743

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 12 959.6 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR THE VARIABLE ACTUATION OF THE GAS EXCHANGE VALVES OF INTERNAL COMBUSTION ENGINES, AND METHOD FOR OPERATING ONE SUCH DEVICE

• DISPOSITIF DE COMMANDE VARIABLE DES SOUPAPES D'ECHANGE DES GAZ POUR MOTEURS A COMBUSTION INTERNE ET PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF DE CE TYPE

(71) **THYSSENKRUPP AUTOMOTIVE AG** [DE/DE]; Alleestr. 165, 44793 Bochum (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖN, Helmut** [DE/AT]; Amerdonastr. 12, A-6820 Frastanz (AT). **KELLER, Kai-Uwe** [DE/CH]; Arinweg 11, CH-9470 Buchs (CH). **KUHN, Peter** [AT/DE]; Prankelstr. 61, 69469 Weinheim (DE). **KÖHNE, Gordon** [DE/AT]; Fluh 21c, A-6900 Bregenz (AT). **OBRIST, Frank** [AT/AT]; Gerbergasse 22a, A-6850 Dornbirn (AT). **BUSCH, Christian** [AT/AT]; Böschmahlstr. 17, A-6800 Feldkirch (AT).

(74) **ADAMS, Steffen**; ThyssenKrupp Automotive AG, Recht und Patente, Alleestr. 165, 44793 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F01L 13/08, 13/00

(11) WO 2004/085805 (13) A1

(21) PCT/EP2004/002742

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 12 962.6 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR THE ACTUATION OF CHARGE EXCHANGE VALVES IN RECIPROCATING PISTON ENGINES

• DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER DES SOUPAPES D'ECHANGE DES GAZ DANS DES MOTEURS ALTERNATIFS A PISTONS

(71) **THYSSENKRUPP AUTOMOTIVE AG** [DE/DE]; Alleestr. 165, 44793 Bochum (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖN, Helmut** [DE/AT]; Amerdonastr. 12, A-6820 Frastanz (AT).

(74) **ADAMS, Steffen**; ThyssenKrupp Automotive AG, Alleestr. 165, Postfach 10 14 11, 44714 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F01N

(11) WO 2004/085806 (13) A2

(21) PCT/FR2004/000647

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03/03289 18 Mar/mar 2003 FR (18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REDUCED MAXIMUM REDUCTIBILITY TEMPERATURE ZIRCONIUM OXIDE AND CERIUM OXIDE BASED COMPOSITION, METHOD FOR THE PRODUCTION AND USE THEREOF AS A CATALYST

• COMPOSITION A BASE D'OXYDE DE ZIRCONIUM ET D'OXYDE DE CERIUM A TEMPERATURE MAXIMALE DE REDUCTIBILITE REDUITE, SON PROCEDE DE PREPARATION ET SON UTILISATION COMME CATALYSEUR

(71) **RHODIA ELECTRONICS AND CATALYSIS** [FR/FR]; Z.I. 26, rue Chef de Baie, F-17041 La Rochelle (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARCHER, Olivier** [FR/FR]; 34, rue Cheverny, F-17180 Périgny (FR). **ROHART, Emmanuel** [FR/FR]; 43, rue du Moulin, F-17138 Puilboreau (FR).

(74) **DUBRUC, Philippe**; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F01P 3/20

(11) WO 2004/085807 (13) A1

(21) PCT/SE2004/000352

(22) 10 Mar/mar 2004 (10.03.2004)

(25) sv

(26) en

(30) 0300923-0 28 Mar/mar 2003 SE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COOLING ARRANGEMENT AND
A METHOD FOR COOLING A RE-
TARDER

• AGENCEMENT DE REFROIDISSE-
MENT ET PROCEDE DE REFROIDIS-
SEMENT DE RALENTISSEUR

(71) SCANIA CV AB (publ) [SE/SE]; S-151 87
Södertälje (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WIKSTRÖM, Hans [SE/SE]; Skulp-
törvägen 15, S-121 43 Johanneshov (SE).

(74) FORSELL, Hans; Scania CV AB, Patents,
S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 11/04, G05D 23/13

(11) WO 2004/085808 (13) A1

(21) PCT/SE2004/000332

(22) 9 Mar/mar 2004 (09.03.2004)

(25) sv

(26) en

(30) 0300788-7 24 Mar/mar 2003 SE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THERMOSTATIC VALVE

• VANNE THERMOSTATIQUE

(71) SCANIA CV AB (PUBL) [SE/SE]; S-151 87
Södertälje (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KARDOS, Zoltan [SE/SE]; Karlsunds-
gatan 19, S-151 35 Södertälje (SE).

(74) FORSELL, Hans; Scania CV AB, Patents,
S-151 87 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02B 25/08, 75/28, F01B 7/04

(11) WO 2004/085809 (13) A1

(21) PCT/KZ2004/000002

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ru

(26) ru

(30) 2003/0411.1 26 Mar/mar 2003 KZ
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PISTON MECHANISM PROVIDED
WITH DIVERGENT PISTONS

• MECANISME A PISTONS AVEC PIS-
TONS DIVERGEANTS

(71, 72) BURMINSKIY, Eduard Petrovich
[KZ/KZ]; ul. Schepkina, 37/50, Almaty,
480043 (KZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02B 29/04

(11) WO 2004/085810 (13) A2

(21) PCT/FR2004/000636

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr

(26) fr

(30) 03/03495 21 Mar/mar 2003 FR
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM FOR COOLING A PIECE OF
EQUIPMENT TO A LOW TEMPERA-
TURE, SUCH AS A PIECE OF MOTOR
VEHICLE EQUIPMENT, AND ASSOCI-
ATED HEAT EXCHANGERS

• SYSTEME DE REFROIDISSEMENT
A BASSE TEMPERATURE D'UN
EQUIPEMENT, NOTAMMENT D'UN

EQUIPEMENT DE VEHICULE AU-
TOMOBILE, ET ECHANGEURS DE
CHALEUR ASSOCIES

(71) VALEO THERMIQUE MOTEUR
[FR/FR]; 8, rue Louis Lormand, F-78321
Le Verrière (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GUERRERO, Pascal [FR/FR]; 38, rue
Henri Husson, F-78320 Le Mesnil Saint
Denis (FR). AP NGY, Srun [FR/FR]; 30,
avenue des Buissons, F-78470 St Rémy
Les Chevreuse (FR). JOUANNY, Philippe
[FR/FR]; 47, rue Molière, F-78280 Guyan-
court (FR).

(74) ROLLAND, Jean-Christophe; Valeo
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F02B 37/00, 77/08

(11) WO 2004/085811 (13) A1

(21) PCT/EP2004/002887

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr

(26) fr

(30) 0303702 26 Mar/mar 2003 FR
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF MEASURING AMBIENT
PRESSURE IN A TURBOCHARGED
ENGINE

• MESURE DE LA PRESSION AM-
BIANTE DANS UN MOTEUR TURBO-
COMPRESSE

(71) SIEMENS VDO AUTOMOTIVE [FR/FR];
1, Avenue Paul Ourliac, BP 1149, F-31036
Toulouse Cedex 1 (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROUPHAEL, Roger [FR/FR]; 41 Ave-
nue de Bayonne, F-31240 L'Union (FR).
VIBERT, Patrick [FR/FR]; 54, Rue de
Dreuilhe, F-31250 Revel (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F02B 53/04, F01C 1/077, 21/16

(11) WO 2004/085812 (13) A1

(21) PCT/CA2004/000449

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,679 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROTARY VANE MOTOR
• MOTEUR A PALETTES

(71) RARE INDUSTRIES INC. [CA/CA]; 29 Moodie Drive, Richmond Hill, Ontario L4C 8C8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72) REGEV, Aron; 29 Moodie Drive, Richmond Hill, Ontario L4C 8C8 (CA).

(74) HALL, Warren, S. et al. / etc.; Dennison Associates, 133 Richmond Street West, Suite 301, Toronto, Ontario M5H 2L7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02B 57/08, 43/10, F01B 21/02, 9/06, 13/06

(11) WO 2004/085813 (13) A1

(21) PCT/DZ2003/000002

(22) 26 Mar/mar 2003 (26.03.2003)

(25) fr (26) fr

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTERNAL COMBUSTION ENGINE WITH HYDRAULIC TRANSMISSION AND VALVELESS DISTRIBUTION, WHICH IS SUPPLIED BY AN OXYGEN GENERATOR
• MOTEUR A COMBUSTION INTERNE A TRANSMISSION HYDRAULIQUE ET DISTRIBUTION SANS SOUPAPE ALIMENTE PAR UN GÉNÉRATEUR D'OXYGÈNE

(71, 72) JAAFAR, Monès [SY/DZ]; 632 logts Bat 17 N° 02, Mohammadia, 16000 Alger (DZ).

(81) AE AT AU BR BY CA CH CN DE DK DZ ES FI GB IN JP KR NO RU SE TR US 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).

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 F02B 63/04

(11) WO 2004/085814 (13) A2

(21) PCT/US2004/008941

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,370 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THERMAL BARRIER FOR MANAGING HEAT TRANSFER

• BARRIÈRE THERMIQUE POUR GESTION DE TRANSFERT THERMIQUE

(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) MCLEOD, David, Gray [US/US]; 4631 Deere Springs Court, Rochester, MI 48306 (US). LEE, Eric [US/US]; 3881 Cherrywood Lane, Rochester Hills, MI 48309 (US).

(74) HOFFMANN, Richard, W.; Warn, Burgess & Hoffman, PC, P.O. Box 70098, Rochester Hills, MI 48307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F02C 1/00

(11) WO 2004/085815 (13) A2

(21) PCT/US2004/009365

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/379,881 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN APPARATUS FOR MIXING FLUIDS
• APPAREIL DE MELANGE DE FLUIDES

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) SPROUSE, Kenneth, M.; 18213 Osborne Street, Northridge, CA 91325 (US). FARHANGI, Shahram; 3934 Street Johnswood Drive, Woodland Hills, CA 91364 (US). MATTHEWS, David, R.; 324 Spring Breeze Court, Simi Valley, CA 93065 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, M/S 11-XT, P.O. Box 3707, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02C 7/143, 9/16, 9/28, F01D 17/08

(11) WO 2004/085816 (13) A1

(21) PCT/EP2004/003184

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 389.0 28 Mar/mar 2003 DE (28.03.2003)

(30) 03022209.5 30 Sep/sep 2003 EP (30.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEMPERATURE MEASURING DEVICE AND REGULATION OF THE TEMPERATURE OF HOT GAS OF A GAS TURBINE

• DISPOSITIF DE MESURE DE LA TEMPERATURE ET REGULATION DE LA TEMPERATURE DE GAZ CHAUD D'UNE TURBINE A GAZ

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NUDING, Joachim-René** [DE/DE]; Zum Driegeltrath 22, 40885 Ratingen (DE). **PELS LEUSDEN, Christoph** [DE/DE]; Gerberstrasse 7, 45468 Mülheim an der Ruhr (DE). **TAPPEN, Marco** [DE/DE]; Wolfsbank 3, 45472 Mülheim an der Ruhr (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F02D

(11) **WO 2004/085817** (13) A2

(21) PCT/US2004/008718

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/392,551 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR DETERMINING A PARAMETER SET FOR AN ENGINE CONTROLLER MODULE

• SYSTEME ET PROCÉDE POUR DETERMINER UN ENSEMBLE DE PARAMETRES POUR UN MODULE DE GESTION DE MOTEUR

(63) US 10/392,551 (CON) 20 Mar/mar 2003 (20.03.2003)

(71) **DETROIT DIESEL CORPORATION** [US/US]; 13400 Outer Drive, West, Detroit, MI 48239-4001 (US). **ELECTRONIC DATA SYSTEMS** [US/US]; 5400 Legacy Drive, M/S H-3-3A-05, Plano, TX 75024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RITTER, Curtis, Paul** [US/US]; 22341 Morley Avenue, Dearborn, MI 48334 (US). **HAWKINS, Jeffrey, Scott** [US/US]; 31805 Bond Boulevard, Farmington Hills, MI 48334 (US). **ZUCCARO, James, Edward** [US/US]; 9358 Lakepointe, Algonac, MI 48001 (US). **MELOCHE, Victor, James** [US/US]; 37744 Marquette, Westland, MI 48185 (US). **WEBER, Karen, Elizabeth** [US/US]; 8801 N. Rushton, South Lyon, MI 48178 (US).

(74) **SAUR, Thomas, W. et al.** / etc.; Brooks Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F02D 11/10, B60K 26/02, 41/04

(11) **WO 2004/085818** (13) A1

(21) PCT/EP2004/003105

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) TO2003 A 000233 **27 Mar/mar 2003 IT (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROPULSION CONTROL SYSTEM FOR A MOTOR VEHICLE

• SYSTEME DE COMMANDE DE PROPULSION POUR VEHICULE A MOTEUR

(71) **FIAT AUTO S.P.A.** [IT/IT]; Corso Giovanni Agnelli, 200, I-10135 Torino (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RE FIORENTIN, Stefano** [IT/IT]; Corso Adriatico, 347/4/E, I-10095 Grugliasco (IT).

(74) **QUINTERNO, Giuseppe et al.** / etc.; Jacobacci & Partners SpA, Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F02D 41/14

(11) **WO 2004/085819** (13) A1

(21) PCT/JP2003/013296

(22) **17 Oct/oct 2003 (17.10.2003)**

(25) ja (26) ja

(30) 2003-086288 **26 Mar/mar 2003 JP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXHAUST EMISSION CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE

• DISPOSITIF DE REGULATION DES EMISSIONS D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) **MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA** [JP/JP]; 16-4, Konan 2-chome, Minato-ku, Tokyo 108-8410 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAMURA, Yasuki** [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 16-4, Konan 2-chome, Minato-ku, Tokyo 108-8410 (JP). **KAWASHIMA, Kazuhito** [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 16-4, Konan 2-chome, Minato-ku, Tokyo 108-8410 (JP). **TODA, Hitoshi** [JP/JP]; c/o MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA, 16-4, Konan 2-chome, Minato-ku, Tokyo 108-8410 (JP).

(74) **NAGATO, Kanji**; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) DE JP US.

Published / Publiée : (a)

(51)⁷ F02G 1/043, 1/047

(11) **WO 2004/085820** (13) A1

(21) PCT/GB2004/001307

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0307283.2 **28 Mar/mar 2003 GB (28.03.2003)**

(30) 0316289.8 **11 Jul/juillet 2003** GB
(11.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A COMBINED HEAT AND POWER SYSTEM

• SYSTEME THERMIQUE ET ELECTRIQUE COMBINE

(71) MICROGEN ENERGY LIMITED [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOWRIE, James, Robert [GB/GB]; 6 Midland Place, Derby, Derbyshire DE1 2RR (GB). CLARK, David, Anthony [GB/GB]; 6 Fisher Close, Ramsey Heights, Ramsey, Huntingdon, Cambridgeshire PE26 2RZ (GB). ALLDERIDGE, Heather, [GB/GB]; 51 Derby Road, Aston-on Trent, Derby, Derbyshire DE72 2AE (GB). HASKO, Stephen, Michael [GB/GB]; Alger House, 105 High Street, Brampton, Huntingdon, Cambridgeshire PE28 4TQ (GB).

(74) DRAPER, Martyn, John et al. / etc.; BOULT 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 F02G 1/053, F01B 3/10

(11) WO 2004/085821 (13) A1

(21) PCT/US2004/008121

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,052 **20 Mar/mar 2003** US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STIRLING ENGINE WITH SWASH-PLATE ACTUATOR

• MOTEUR STIRLING COMPORTANT UN ACTIONNEUR A PLATEAU OSCILLANT

(71) STM POWER, INC. [US/US]; 275 Mettys Drive, Ann Arbor, MI 48103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) HOUTMAN, William, H.; 1058 Greenhills Drive, Ann Arbor, MI 48105 (US).

(74) OBERHOLTZER, Steven, L. et al. / etc.; Brinks Hofer Gilson & Lionie, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F02M 27/04, 31/18

(11) WO 2004/085822 (13) A1

(21) PCT/US2004/008212

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/457,189 **25 Mar/mar 2003** US
(25.03.2003)

(30) 10/801,188 **15 Mar/mar 2004** US
(15.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM FOR IMPROVING THE FUEL EFFICIENCY OF AN ENGINE

• SYSTEME VISANT A AMELIORER LE RENDEMENT ENERGETIQUE D'UN MOTEUR

(63) US 60/457,189 (CIP)
25 Mar/mar 2003 (25.03.2003)

(71) PLASMADRIIVE, CORPORATION [US/US]; 75-150 St. James Place, Palm Desert, CA 92211 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Clarence, Hugh [US/US]; 11824 Watertank Road, Burlingon, WA 98233 (US).

(74) HARRIS, Scott, C.; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F02M 37/08

(11) WO 2004/085823 (13) A1

(21) PCT/EP2004/002531

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 13 985.0 **27 Mar/mar 2003** DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONNECTION PIECE FOR A FUEL PUMP

• PIECE DE RACCORD POUR UNE POMPE D'ALIMENTATION EN 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) SCHMIDT, Thomas [DE/DE]; Fossfeld 30, 36282 Hauneck (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F02M 45/08

(11) WO 2004/085824 (13) A1

(21) PCT/DE2003/003304

(22) 6 Oct/oct 2003 (06.10.2003)

(25) de (26) de

(30) 103 12 586.8 **21 Mar/mar 2003** DE
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

• SOUPEPE D'INJECTION DE CARBURANT DE MOTEURS A COMBUSTION INTERNE

(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) KUEGLER, Thomas [DE/DE]; Siebenmorgenstr. 12, 70825 Kornthal-Muenchingen (DE). MERTENS, Jochen [BE/DE]; Hofstattstrasse 19, 72764 Reutlingen (DE). ÜSKÜDAR, Hasiman [TR/TR]; Ihsaniye Mah. Nilüfer Sok. No: 6/6, Nilüfer, Bursa (TR).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02M 45/08, 61/12, 45/04

(11) WO 2004/085825 (13) A1

(21) PCT/DE2004/000161

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 103 12 584.1 21 Mar/mar 2003 DE
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUEL INJECTION VALVE FOR COMBUSTION ENGINES

• SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(71, 72) KUEGLER, Thomas; Siebenmorgenstr. 12, 70825 Korntal-Muenchingen (DE). MERTENS, Jochen; Hofstattstr. 19, 72764 Reutlingen (DE). ÜSKÜDAR, Hasiman; Ihsaniye mah. Nilüfer sok. N:6/6, Nilüfer, Bursa (TR).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 51/00, 65/00

(11) WO 2004/085826 (13) A1

(21) PCT/EP2004/002770

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 623.1 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTACT DEVICE FOR AN INJECTOR OF A FUEL-INJECTION SYSTEM, IN ADDITION TO AN INJECTOR COMPRISING A CONTACT DEVICE

• DISPOSITIF DE CONTACT D'UN INJECTEUR D'UN SYSTEME D'INJECTION DESTINE A L'INJECTION DE CARBURANT ET INJECTEUR EQUIPE DE CE DISPOSITIF DE CONTACT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DICK, Jürgen [DE/DE]; Schlehenweg 10, 93164 Laaber (DE). FREUDENBERG, Hellmut [DE/DE]; Mühlweg 13 A, 93080 Grossberg (DE). SCHÜRZ, Willibald [AT/DE]; Lindenweg 3, 93188 Pielenhofen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 51/06

(11) WO 2004/085827 (13) A1

(21) PCT/JP2004/003719

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-079531 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2003-084857 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROMAGNETIC TYPE FUEL INJECTION VALVE

• VALVE D'INJECTION DE CARBURANT DE TYPE ELECTROMAGNETIQUE

(71) KEIHIN CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo, 1630539 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKABANE, Akira [JP/JP]; c/o Kakuda Development Center of Keihin Corporation, 197-1, Aza Nagare, Kakuda, Kakuda-shi, Miyagi, 9811505 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo, 1100016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 53/04, 61/14

(11) WO 2004/085828 (13) A2

(21) PCT/EP2004/003082

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 13 836.6 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIRECT INJECTION VALVE IN A CYLINDER HEAD

• SOUPAPE A INJECTION DIRECTE DANS UNE CULASSE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GÖTTLIEB, Bernhard [DE/DE]; Elfenstr. 16, 81739 München (DE). KAPPEL, Andreas [DE/DE]; Zugspitzstr. 7, 85649 Brunnthal (DE). SCHWEBEL, Tim [DE/DE]; Kitzmarkt 24, 86150 Augsburg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 57/02, 59/10, 59/46, 45/06

(11) WO 2004/085829 (13) A1

(21) PCT/US2004/007255

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 60/457,018 24 Mar/mar 2003 US
(24.03.2003)

(30) 10/782,486 19 Feb/fév 2004 US
(19.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-STAGE INTENSIFIERS ADAPTED FOR PRESSURIZED FLUID INJECTORS

• MULTIPLICATEURS DE PRESSION A PLUSIEURS ETAGES DESTINES A DES INJECTEURS DE FLUIDE SOUS PRESSION

(71) STURMAN INDUSTRIES, INC. [US/US]; One Innovation Way, Woodland Park, CO 80863 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STURMAN, Oded, E. [US/US]; 5105 Country Road 25, Woodland Park, CO 80863 (US).

(74) BLAKELY, Roger, W., Jr. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F02M 59/10, 63/02, 55/02, 39/02

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(21) PCT/EP2004/002312

(22) 6 Mar/mar 2004 (06.03.2004)

(25) de (26) de

(30) 103 14 029.8 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTERNAL COMBUSTION ENGINE
PROVIDED WITH AN ACCUMULA-
TOR INJECTION SYSTEM

• MOTEUR A COMBUSTION IN-
TERNE COMPRENANT UN SYSTEME
D'INJECTION A ACCUMULATEUR

(71) DEUTZ AKTIENGESELLSCHAFT
[DE/DE]; Deutz Mülheimer-Strasse 147-149,
51063 Köln (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MÜNCH, Kai-Uwe [DE/DE]; Falder-
baumstrasse 15, 53757 St.Augustin (DE).
PREUSS, Rolf [DE/DE]; An der Kopfbuche
10, 50259 Pulheim (DE). SCHLÜTER, Jörg
[DE/DE]; Entenfangstrasse 42, 50389 Wes-
seling (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 61/16, 59/46

(11) WO 2004/085831 (13) A1

(21) PCT/EP2004/003132

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 627.4 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DOSING VALVE WITH A LENGTH
COMPENSATION UNIT

• SOUPAPE DE DOSAGE A UNITE DE
COMPENSATION DE LONGUEUR

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOTTLIEB, Bernhard [DE/DE];
Elfenstr. 16, 81739 München (DE). KAP-
PEL, Andreas [DE/DE]; Zugspitzstr. 7,
85649 Brunnthal (DE). SCHWEBEL, Tim
[DE/DE]; Lindwurmstrasse 100, 80337
München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 61/18, 61/10, 47/02, 45/08

(11) WO 2004/085832 (13) A1

(21) PCT/DE2003/002817

(22) 22 Aug/août 2003 (22.08.2003)

(25) de (26) de

(30) 103 13 225.2 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUEL INJECTION VALVE FOR INTER-
NAL COMBUSTION ENGINES

• SOUPAPE D'INJECTION DE CARBU-
RANT POUR MOTEUR A COMBUS-
TION INTERNE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).

(72) BOECKING, Friedrich; Kahlhieb 34,
70499 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02
20, 70442 Stuttgart (DE).

(81) CN IN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F02M 61/18, 51/06, 51/08, B05B 17/06,
1/14

(11) WO 2004/085833 (13) A1

(21) PCT/JP2004/004386

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-086981 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIQUID-JETTING DEVICE

• DISPOSITIF D'EJECTION DE LIQUIDE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56,
Suda-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8530 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OHNISHI, Takao [JP/JP]; c/o NGK
Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8530 (JP). HIROTA,
Toshikazu [JP/JP]; c/o NGK Insulators, Ltd.,
2-56, Suda-cho, Mizuho-ku, Nagoya-shi,
Aichi 467-8530 (JP).

(74) PROSPEC PATENT FIRM; 12th Floor,
Nagoya-KS Building, 1-18, Taiko 3-chome,
Nakamura-ku, Nagoya-shi, Aichi 453-0801
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 63/06, 63/02, 47/02

(11) WO 2004/085834 (13) A1

(21) PCT/DE2003/003235

(22) 29 Sep/sep 2003 (29.09.2003)

(25) de (26) de

(30) 103 13 419.0 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STROKE-CONTROLLED COMMON
RAIL INJECTOR COMPRISING AN
ACTUATOR FOR VIBRATION EXCI-
TATION

• INJECTEUR COMMON-RAIL A
COURSE COMMANDEE, PRESEN-
TANT UN REGLEUR POUR STIMULA-
TION DE PULSATIONS

(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) KURZ, Michael [DE/DE]; Panora-
mastr. 78, 70839 Gerlingen (DE). BRENK,
Achim [DE/DE]; Remchingerstr. 11, 75236
Kaempfelbach-Bilfingen (DE).

(81) CN IN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F02M 69/00, 61/18, 51/06, B05B 1/14,
17/06

(11) WO 2004/085835 (13) A1

(21) PCT/JP2004/004376

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086977 27 Mar/mar 2003 JP
(27.03.2003)

(30) 2003-108366 11 Apr/avr 2003 JP
(11.04.2003)

- (30) 2003-195922 **11 Jul/juillet 2003** JP
(11.07.2003)
- (30) 2003-294117 **18 Aug/août 2003** JP
(18.08.2003)
- (30) 2003-296825 **20 Aug/août 2003** JP
(20.08.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LIQUID JET DEVICE AND ITS MANUFACTURING METHOD
• DISPOSITIF A JET D'ENTRE ET SON PROCEDE DE PRODUCTION
- (71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAMERIKAWA, Masahiko [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). OKUMURA, Hidemasa [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). ONISHI, Takao [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). HIROTA, Toshikazu [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) PROSPEC PATENT FIRM; 12th Floor, Nagoya-KS Building, 1-18, Taiko 3-chome, Nakamura-ku, Nagoya-shi, Aichi 453-0801 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F02P 3/00
- (11) WO 2004/085836 (13) A1
- (21) PCT/RU2003/000117
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ru (26) ru
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • IONIZER
• DISPOSITIF D'IONISATION
- (71, 72) DUBININ, Vladimir Stepanovich [RU/RU]; Kavkazsky boul., 21-1-69, Moscow, 115304 (RU). KRUTOVA, Yelena Igorevna [RU/RU]; Leninsky av., 82/2-255, Moscow, 117261 (RU). SOROKIN, Yury Mikhailovich [RU/RU]; Leninsky pr-t, 66-136, Moscow, 119048 (RU). FROLOV, Dmitry Vladimirovich [RU/RU]; ul. Golubinskaya, 7-2-207, Moscow, 117574 (RU).
- (74) PEVTSOV, Dmitry Alexandrovich; ul. B.Pereyaslavskaya, 5-1-28, Moscow, 129110 (RU).

- (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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ F02P 13/00, H01T 13/04
- (11) WO 2004/085837 (13) A1
- (21) PCT/EP2004/002759
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) de (26) de
- (30) 103 14 063.8 28 Mar/mar 2003 DE
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ATTACHABLE ROD IGNITION COIL
• BOBINE D'ALLUMAGE "CRAYON" A EMBOITEMENT
- (71) AUDI AG [DE/DE]; 85045 Ingolstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VOM SCHLOSS, Andreas [DE/DE]; Schumannstrasse 25 a, 85080 Gaimersheim (DE). STOCK, Bernhard [DE/DE]; Am Bründl 1, 85111 Adelschlag (DE).
- (74) MADER, Wilfried; Audi AG, Patentabteilung N/EK-7, 74148 Neckarsulm (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ F02P 17/00
- (11) WO 2004/085838 (13) A1
- (21) PCT/US2004/008299
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,233 21 Mar/mar 2003 US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TESTING APPARATUS FOR HYBRID/DIS IGNITION COIL
• APPAREIL D'ESSAI DE BOBINE D'ALLUMAGE HYBRIDE/A SYSTEME D'ALLUMAGE DIRECT
- (71) SNAP-ON INCORPORATED [US/US]; 10801 Corporate Drive, Pleasant Prairie, WI 53158 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCQUEENEY, Kenneth, A. [US/US]; 12306 Indian Trail Road, Los Gatos, CA 95033-8298 (US).
- (74) PEGG, William, D. et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F02P 17/12, G01R 31/38
- (11) WO 2004/085839 (13) A1
- (21) PCT/US2004/007059
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) en (26) en
- (30) 10/391,633 20 Mar/mar 2003 US
(20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DETECTING FIELDS FROM DIFFERENT IGNITION COILS USING ADJUSTABLE PROBE
• DETECTION DE CHAMPS DE DIFFERENTES BOBINES D'ALLUMAGE AU MOYEN D'UNE SONDE REGLABLE
- (71) SNAP-ON TECHNOLOGIES, INC. [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCQUEENEY, Kenneth, A. [US/US]; 12306 Indian Trail Road, Los Gatos, CA 95033 (US).

(74) **BECKER, Stephen, A.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F02P 17/12, 15/08**

(11) **WO 2004/085840** (13) A1

(21) PCT/US2004/008300

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,223 **21 Mar/mar 2003** US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DUAL CAPACITIVE-COUPLED SENSOR FOR HYBRID IGNITION COIL

• CAPTEUR A COUPLAGE CAPACITIF DOUBLE POUR BOBINE D'ALLUMAGE HYBRIDE

(71) **SNAP-ON INCORPORATED** [US/US]; 10801 Corporate Drive, Pleasant Prairie, WI 53158 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCQUEENEY, Kenneth, A.** [US/US]; 12306 Indian Trail Road, Los Gatos, CA 95033-8298 (US).

(74) **PEGG, William, D.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F03B 7/00, 17/06**

(11) **WO 2004/085841** (13) A1

(21) PCT/BR2003/000066

(22) **21 May/mai 2003 (21.05.2003)**

(25) en (26) en

(30) 000294-2003/0IN **24 Mar/mar 2003** PE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PADDLE-WHEEL WITH SYNCHRONIZED ROTATION BETWEEN ROTOR AND PADDLES

• ROUE A PALES RADIALES PRESENTANT UNE ROTATION SYNCHRONISEE ENTRE UN ROTOR ET DES PALES

(71, 72) **CASTAÑEDA MUNGI, Carlos, Arístides** [PE/PE]; Calle Honolulu, 134, Sol de La Molina, La Molina, 12 Lima (PE).

(74) **MOMSEN, LEONARDOS & CIA.**; Mr. Mauricio Leonardos, Rua Teófilo Otoni 63, 10th floor, 20090-080 Rio de Janeiro RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(51)⁷ **F03B 13/18**

(11) **WO 2004/085842** (13) A1

(21) PCT/SE2004/000420

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 0300869-5 **27 Mar/mar 2003** SE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WAVE POWER ASSEMBLY

• UNITE DE CAPTAGE DE L'ENERGIE DES VAGUES

(71) **SWEDISH SEABASED ENERGY AB** [SE/SE]; Geijersgatan 56 A, S- 752 31 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIJON, Mats** [SE/SE]; Hävelvägen 6, S- 756 47 Uppsala (SE). **BERNHOF, Hans** [SE/SE]; Geijersgatan 56 A, S-752 31 Uppsala (SE).

(74) **KARLSSON, Leif** et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **F03B 13/18**

(11) **WO 2004/085843** (13) A1

(21) PCT/SE2004/000421

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 0300870-3 **27 Mar/mar 2003** SE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WAVE POWER ASSEMBLY

• ENSEMBLE HOULOMOTEUR

(71) **SWEDISH SEABASED ENERGY AB** [SE/SE]; Geijersgatan 56 A, S-752 31 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIJON, Mats** [SE/SE]; Hävelvägen 6, S-756 47 Uppsala (SE). **BERNHOF, Hans** [SE/SE]; Geijersgatan 56 A, S-752 31 Uppsala (SE).

(74) **KARLSSON, Leif** et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F03B 17/00**

(11) **WO 2004/085844** (13) A2

(21) PCT/IT2004/000147

(22) 23 Mar/mar 2004 (23.03.2004)

(25) it (26) en

(30) RM2003A000129 24 Mar/mar 2003 IT
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR PRODUCING MECHANICAL ENERGY BY EXPLOITATION OF GRAVITY FORCE

• APPAREIL PERMETTANT DE PRODUIRE UNE ENERGIE MECANIQUE PAR EXPLOITATION D'UNE FORCE DE GRAVITE

(71, 72) FACCHIANO, Giovanni [IT/IT]; Via Lacide, 148, I-00124 Roma (IT). GARGIULO, Rosa [—/IT]; Via Lacide, 148, I-00124 Roma (IT).

(74) IANNONE, Carlo, Luigi et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03B 17/06, 13/26, 3/04

(11) WO 2004/085845 (13) A1

(21) PCT/GB2004/001284

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 3036809.5 25 Mar/mar 2003 GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUBMERGED WATER CURRENT TURBINES INSTALLED ON A DECK

• TURBINES IMMERGEES ALIMEN-TEES PAR UN FLUX D'EAU INSTALLEES SUR UN PONT

(71) MARINE CURRENT TURBINES LIMITED [GB/GB]; The Manor House, Lutyens Close, Chicheam, Basingstoke, Hampshire RG24 8AG (GB).

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(72, 75) FRAENKAL, Peter, Leonard [GB/GB]; 2 Amherst Avenue, Ealing, London W13 8NQ (GB).

(74) RUSSELL-RAYNER, Albert, Patrick; Business Centre West, Avenue One, Business Park, Letchworth Garden City, Hertfordshire SG6 2HB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F03G 6/04

(11) WO 2004/085846 (13) A1

(21) PCT/GR2003/000037

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) 20030100150 27 Mar/mar 2003 GR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLOATING SOLAR CHIMNEY

• CHEMINEE SOLAIRE FLOTTANTE

(71, 72) PAPAGEORGIOU, Christos [GR/GR]; 1b Nymfon Str., GR-14563 Kifissia, Athens (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04

(11) WO 2004/085847 (13) A1

(21) PCT/DE2003/003532

(22) 23 Oct/oct 2003 (23.10.2003)

(25) de (26) de

(30) 103 13 744.0 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGH-PRESSURE PUMP FOR A FUEL-INJECTION DEVICE OF AN INTERNAL COMBUSTION ENGINE

• POMPE HAUTE PRESSION D'UN SYSTEME D'INJECTION DE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE

(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) SIMON, Helmut [DE/DE]; Truebauer Weg 48, 73033 Goeppingen (DE). KOCH, Markus [DE/DE]; Forststr. 82 A, 70176 Stuttgart (DE). RITTMANNSSBERGER, Wolfram [DE/DE]; Lindenspuerstr. 23, 70176 Stuttgart (DE). KUNZ, Markus [DE/DE]; Budenhaldenstr. 24, 70469 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) CN IN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F04B 39/00, B29C 45/14, F01N 7/18

(11) WO 2004/085848 (13) A1

(21) PCT/BR2004/000039

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) PI 0300905-0 28 Mar/mar 2003 BR
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUCTION MUFFLER FOR A HERMETIC COMPRESSOR

• SILENCIEUX D'ASPIRATION POUR COMPRESSEUR HERMETIQUE

(71) EMPRESA BRASILEIRA DE COM-PRESSORES S.A. - EMBRACO [BR/BR]; Rua Rui Barbosa, 1020, Joinville - SC 89219-901 (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLLRATH, Ingwald [BR/BR]; Rua Olavo Bilac, 85, Joinville - SC 89239-100 (BR). HILLE, Cláudio, Roberto [BR/BR]; Rua Fides Huhn, 125, Joinville - SC 89217-170 (BR).

(74) ARNAUD, Antonio M.P. et al. / etc.; Rua José Bonifácio, 93 - 9th floor, São Paulo - SP 01003-901 (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 39/00

(11) WO 2004/085849 (13) A1

(21) PCT/JP2004/001608

(22) 16 Feb/fév 2004 (16.02.2004)

(25) ja (26) ja

(30) 2003-088467 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEALED TYPE COMPRESSOR

• COMPRESSEUR DE TYPE ETANCHE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDE, Terumasa NISHIHARA, Hidetoshi OSAKA, Masahiko MATSUMOTO, Tsuyoshi ONO, Kazuhiko

(74) IWAHASHI, Fumio et al. / etc.; C/o Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 43/113

(11) WO 2004/085850 (13) A1

(21) PCT/DK2004/000210

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PA 2003 00480 28 Mar/mar 2003 DK (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PUMPING SYSTEM
• SYSTEME DE POMPAGE

(71) GERSTENBERG & AGGER A/S [DK/DK]; Frydendalsvej 16, DK-1809 Frederiksberg C (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRESSENDORFF, Leon, Leopold [DK/DK]; Spættevej 8, DK-2680 Solrød Strand (DK). JENSEN, Knud, Erid, Juhl [DK/DK]; Bakkehuse 37, DK-2970 Hørsholm (DK).

(74) JENSEN, Kent, Winther et al. / etc.; Høje Taastrup Boulevard 23., DK-2630 Taastrup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 25/08

(11) WO 2004/085851 (13) A1

(21) PCT/CN2003/000210

(22) 24 Mar/mar 2003 (24.03.2003)

(25) zh (26) zh

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A ROTATING SHINING FAN
• VENTILATEUR ROTATIF ECLAIRE

(71, 72) XIA, Chunqiu [CN/CN]; 12C 2Building, 2Yard Shangdi International Science Park, Haidian District, Beijing 100086 (CN).

(72, 75) QING, Donghong [CN/CN]; 12B 2Building, 2Yard Shangdi International Science Park, Haidian District, Beijing 100086 (CN).

(74) BEIJING GOLDEN-BRIDGE PATENT FIRM; A 108, Sigma Building, No.49, Zhichu Road, Haidian District, Beijing 100080 (CN).

(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 (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/085852 (13) A2

(21) PCT/EP2004/002939

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 13 484.0 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTROL VALVE WITH A SHORT SWITCHING TIME
• SOUPAPE DE COMMANDE A TEMPS DE REPONSE REDUIT

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
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(72, 75) ERATH, Robert [DE/DE]; Metzstrasse 1, 88045 Friedrichshafen (DE). GIERER, Georg [DE/DE]; Zehntscheuerstrasse 44, 88079 Kressbronn (DE). STARK, Walde-mar [DE/DE]; Am Seewald 5, 88046 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F15B 1/24

(11) WO 2004/085853 (13) A1

(21) PCT/EP2004/000472

(22) 22 Jan/jan 2004 (22.01.2004)

(25) de (26) de

(30) 103 13 241.4 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PISTON-TYPE ACCUMULATOR
• ACCUMULATEUR A PISTON

(71) HYDAC TECHNOLOGY GMBH [DE/DE]; Industriegebiet, 66280 Sulzbach/Saar (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBER, Norbert [DE/DE]; Mozartstrasse 5, D-66280 Sulzbach (DE). BALTES, Herbert [DE/DE]; Bornstrasse 22, 66679 Losheim (DE).

(74) BARTELS UND PARTNER; Lange Strasse 51, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/00

(11) WO 2004/085854 (13) A1

(21) PCT/JP2004/004278

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-084929 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTROL DEVICE FOR HYDRAULIC CYLINDER
• DISPOSITIF DE COMMANDE POUR CYLINDRE HYDRAULIQUE

(71) KAYABA INDUSTRY CO., LTD. [JP/JP]; World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056190 (JP). HUSCO INTERNATIONAL [US/US]; P.O. Box 257, Waukesha, WI 53187-0257 (US).
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(72, 75) KOBATA, Hiroshi [JP/JP]; c/o Kayaba Industry Co., Ltd., World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056190 (JP). KOLBE, Christopher,

John [US/US]; S. 72W South Lane Muskego, Waukesha County, WI 53150 (US).

(74) **GOTO, Masaki**; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/02**

(11) **WO 2004/085855** (13) A1

(21) PCT/JP2004/002657

(22) **3 Mar/mar 2004 (03.03.2004)**

(25) ja (26) ja

(30) 2003-056259 **3 Mar/mar 2003** JP (03.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDRAULIC DEVICE

• DISPOSITIF HYDRAULIQUE

(71) **KABUSHIKI KAISHA OPTON** [JP/JP]; 3-24, Akatsuki-cho, Seto-shi, Aichi 489-8645 (JP).

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(72, 75) **YOGO, Teruaki** [JP/JP]; c/o Kabushiki Kaisha Opton, 3-24, Akatsuki-cho, Seto-shi, Aichi 489-8645 (JP).

(74) **ADACHI, Tsutomu**; Nagoyaseni Bldg. 7F, 9-27, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F15B 15/10**

(11) **WO 2004/085856** (13) A1

(21) PCT/JP2004/003270

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) ja (26) ja

(30) 2003-083648 **25 Mar/mar 2003** JP (25.03.2003)

(30) 2003-117303 **22 Apr/avr 2003** JP (22.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDRAULIC PRESSURE ACTUATOR AND CONTINUOUS MANUAL ATHLETIC DEVICE USING THE SAME

• ACTIONNEUR A PRESSION HYDRAULIQUE ET DISPOSITIF D'EXERCICE MANUEL CONTINU COMPRENANT CET ACTIONNEUR

(71) **HITACHI MEDICAL CORPORATION** [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 1000047, - (JP).

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(72, 75) **HIRAMATSU, Kazuaki** [JP/JP]; 1-4-22-202, Hakusan, Toride-shi, Ibaraki 3020023 (JP). **KONAMI, Makoto** [JP/JP]; 2-2-15-320, Shibasakidai, Abiko-shi, Chiba 2701176 (JP). **SATO, Yutaka** [JP/JP]; 330-3, Matsugasaki, Kashiwa-shi, Chiba 2770835 (JP). **MATSUSHITA, Taisuke** [JP/JP]; 2-2-15-318, Shibasakidai, Abiko-shi, Chiba 2701176 (JP). **SUZUKI, Shigekazu** [JP/JP]; 3-3-14-205, Asahi-cho, Kashiwa-shi, Chiba 2770852 (JP). **KURODA, Katsuhiko** [JP/JP]; 2-15-11, Nanyoudai, Hachioji-shi, Tokyo 1920371 (JP). **OOKI, Kazuo** [JP/JP]; 1-61-25, Hongo, Seya-ku, Yokohama-shi, Kanagawa 2460015 (JP). **TODA, Akihiko** [JP/JP]; 4-5-10, Hamatake, Chigasaki-shi, Kanagawa 2530021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F15B 15/14**

(11) **WO 2004/085857** (13) A1

(21) PCT/EP2004/002570

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) de (26) de

(30) 103 13 477.8 **26 Mar/mar 2003** DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CYLINDRICAL TUBE FOR A WORKING CYLINDER, AND METHOD FOR PRODUCING THE SAME

• TUBE CYLINDRIQUE POUR CYLINDRE MOTEUR ET SON PROCÉDE DE FABRICATION

(71) **FESTO AG & CO** [DE/DE]; Ruiter Strasse 82, 73734 Esslingen (DE). **HAKA.GERODUR AG** [CH/CH]; Mooswiesstrasse 67, CH-9200 Gossau SG (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MECHLER, Wolfgang** [DE/DE]; Krummenacker Strasse 86/3, 73733 Esslingen (DE). **VOIGT, Klaus** [DE/DE]; Uhlbacher Strasse 46, 73733 Esslingen (DE). **BRANDENBURG, Björn**

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(74) **REIMOLD, Otto et al.** / etc.; Magenbauer & Kollegen, Plochingen Strasse 109, 73730 Esslingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F15B 15/14, F01L 9/02, F02D 13/02**

(11) **WO 2004/085858** (13) A1

(21) PCT/JP2003/016035

(22) **15 Dec/déc 2003 (15.12.2003)**

(25) ja (26) ja

(30) 2003-80100 **24 Mar/mar 2003** JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VARIABLE VALVE SYSTEM OF INTERNAL COMBUSTION ENGINE AND HYDRAULIC ACTUATOR

• SYSTEME DE SOUPAPE VARIABLE D'UN MOTEUR A COMBUSTION INTERNE ET ACTIONNEUR HYDRAULIQUE

(71) **YOKOHAMA TLO COMPANY, LTD.** [JP/JP]; c/o Yokohama National University COOPERATIVE RESEARCH AND DEVELOPMENT CENTER, 79-5 Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501 (JP).

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(72, 75) **TANAKA, Hirohisa** [JP/JP]; 15-3, Ookayama 1-chome, Meguro-ku, Tokyo 152-0033 (JP).

(74) **YAMAGUCHI, Iwao et al.** / etc.; c/o YAMAGUCHI International Patent Office, 3-2, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC 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 F15B 15/14

(11) WO 2004/085859 (13) A1

(21) PCT/JP2004/004280

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-084903 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDRAULIC CYLINDER DEVICE

• DISPOSITIF A CYLINDRES HYDRAULIQUES

(71) KAYABA INDUSTRY CO., LTD. [JP/JP]; World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056190 (JP). HUSCO INTERNATIONAL [US/US]; P.O. Box 257, Waukesha, WI 53187-0257 (US).

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(72, 75) DOGAMI, Masaki [JP/JP]; c/o Kayaba Industry Co., Ltd., World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056190 (JP). STEPHENSON, Dwight, Bruce [US/US]; S. 360 Genesee St., Delafield, WI 53018 (US).

(74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/00, 21/06, 21/16, B60R 21/16, B64G 1/64

(11) WO 2004/085860 (13) A1

(21) PCT/AU2004/000371

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003901352 24 Mar/mar 2003 AU (24.03.2003)

(30) 2003905644 15 Oct/oct 2003 AU (15.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FASTENER FOR AIR BAGS AND OTHER USES

• ATTACHE POUR COUSSINS GONFLABLES ET AUTRES UTILISATIONS

(71) TELEZYGOLOGY INC. [AU/AU]; Suite 1101, 61 Lavender Street, Milsons Point, NSW 2061 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUDDUCK, Dickory [AU/AU]; 81 Castle Circuit, Seaforth, NSW 2092 (AU). HORT, Michael, John, Laybourne [AU/AU]; 3 Sylvia Street, Chatswood, NSW 2067 (AU). MCARTHUR, Adam, Russell [AU/AU]; 3/63 Lenton Parade, Waterloo, NSW 2017 (AU). NG, Nicholas, Anthony [AU/AU]; South Tower 103, 233 Harris Street, Pyrmont, NSW 2009 (AU). SIZER, Geoffrey, David [AU/AU]; Unit 5, 33 Ryde Road, Pymble, NSW 2073 (AU).

(74) CHRYSILIOU, Kerry et al. / etc.; Chrysil- iou Law, Level 2, 15-19 Parraween Street, Cremorne, Sydney, NSW 2090 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/14, 13/08, E21D 21/00

(11) WO 2004/085861 (13) A1

(21) PCT/EP2004/003200

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 13 689.4 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRESSURE CLAMP WITH A VERY STRONG RETENTION FORCE

• PINCE DE COMPRESSION A TRES GRANDE FORCE DE RETENTION

(71, 72) STORCH, Dieter [DE/DE]; Josefstr. 30, 33142 Büren (DE).

(74) STEINMEISTER, Helmut; Artur-Lade- beck-Str. 51, 33617 Bielefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16B 7/18, 7/04

(11) WO 2004/085862 (13) A1

(21) PCT/JP2004/003413

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-079540 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LONGITUDINALLY JOINING DE- VICE, LONGITUDINALLY JOINED ASSEMBLY, AND METHOD OF JOIN- ING THE ASSEMBLY

• DISPOSITIF D'ASSEMBLAGE LON- GITUDINAL, ENSEMBLE ASSEMBLE RELIE LONGITUDINALEMENT ET PROCEDE D'ASSEMBLAGE

(71) KOGANEI CORPORATION [JP/JP]; 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARASHIMA, Yasuo [JP/JP]; c/o Koganei Corporation, 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP). NAKAJIMA, Yoshiaki [JP/JP]; c/o Koganei Corporation, 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP). GUNJI, Hiroshi [JP/JP]; c/o Koganei Corporation, 8-16, Iwamotocho 3-chome, Chiyoda-ku, Tokyo, 1010032 (JP).

(74) TSUTSUI, Yamato et al. / etc.; Tsutsui & Associates 3F, Azeria Bldg., 1-1, Nishi-shin- juku 8-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/00

(11) WO 2004/085863 (13) A1

(21) PCT/US2004/008420

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,866 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRYWALL FASTENER WITH IM- PROVED DRIVING HEAD

• ATTACHE DE CLOISONS SECHES A TETE D'ANCRAGE AMELIOREE

(71) EVENING STAR INVESTMENTS, L.L.C. [US/US]; P.O. Box 1917, Conroe, TX 77305 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FARRELL, Mark; 11769 Elizabeth Ridge, Conroe, TX 77304 (US).

(only for / seulement pour US)

(72, 75) **FARRELL, Michael, E.**; 37321 Jerome Lane, Murrieta, CA 92562 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th floor, 865 South Figueroa Street, Los Angeles, CA 90017-2571 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 17/10, 33/20, F16F 9/32, B60G 15/06, 3/28

(11) WO 2004/085864 (13) A1

(21) PCT/JP2004/002272

(22) 26 Feb/fév 2004 (26.02.2004)

(25) ja (26) ja

(30) 2003-083747 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STRUT SLIDE BEARING
• PALIER COULISSANT A JAMBE

(71) **OILES CORPORATION** [JP/JP]; 3-2, Shibadaimon 1-chome, Minato-ku, Tokyo 1058584 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYATA, Kazuyuki** [JP/JP]; c/o Oiles Corporation, Fujisawa Plant 8, Kiri-hara-cho, Fujisawa-shi, Kanagawa 2520811 (JP).
KANEKO, Ryohei [JP/JP]; c/o Oiles Corporation, Fujisawa Plant 8, Kiri-hara-cho, Fujisawa-shi, Kanagawa 2520811 (JP).

(74) **TAKADA, Takeshi**; 3rd Floor, Hanabusa Building, 12-6, Minamiaoyama 5-chome, Minato-ku, Tokyo 1070062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D

(11) WO 2004/085865 (13) A2

(21) PCT/US2004/008446

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en

(30) 60/456,718 20 Mar/mar 2003 US (20.03.2003)

(30) 10/800,843 15 Mar/mar 2004 US (15.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GEARED SERPENTINE BELT TOOL
• OUTIL POUR COURROIE MULTI-FONCTION A ENGRENAGE

(71) **HAND TOOL DESIGN CORPORATION** [US/US]; 16 West Main Street, Christiana, DE 19702 (US).

(72) **STEINWEG, Paul S.**; 751 East Meadow Road, Lititz, Pennsylvania 17543 (US). **TAG-GART, SR., Kenneth J.**; 3871 Pawnee Road, Columbia, Pennsylvania 17512 (US).

(74) **GLOBERMAN, Kyle M.**; P.O. Box 11070, Columbia, South Carolina 29211 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 27/00

(11) WO 2004/085866 (13) A1

(21) PCT/KR2004/000704

(22) 27 Mar/mar 2004 (27.03.2004)

(25) en (26) en

(30) 10-2003-0019044 27 Mar/mar 2003 KR (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STRUCTURE AND METHOD OF MOUNTING BUILT-IN TYPE OF DISCHARGE ELEMENT PART
• STRUCTURE ET PROCEDE DE MONTAGE DE TYPE INTEGRE DE PARTIE D'ELEMENT DE DECHARGE

(71) **WOORY INDUSTRY COMPANY LTD** [KR/KR]; 516-1, Yeongdeok-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). **HALLA CLIMATE CONTROL CORP.** [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Dae-Yong** [KR/KR]; 516-1, Yeongdeok-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). **KIM, Gi-Hong** [KR/KR]; 516-1, Yeongdeok-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). **OH, Sung-Taeg** [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR). **PARK, Do-Seo** [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR). **CHUNG, Suk-Jae** [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR).

(26) en

20 Mar/mar 2003 US (20.03.2003)

15 Mar/mar 2004 US (15.03.2004)

(07.10.2004)

GEARED SERPENTINE BELT TOOL
OUTIL POUR COURROIE MULTI-FONCTION A ENGRENAGE

HAND TOOL DESIGN CORPORATION
[US/US]; 16 West Main Street, Christiana, DE 19702 (US).

STEINWEG, Paul S.; 751 East Meadow Road, Lititz, Pennsylvania 17543 (US). TAG-GART, SR., Kenneth J.; 3871 Pawnee Road, Columbia, Pennsylvania 17512 (US).

GLOBERMAN, Kyle M.; P.O. Box 11070, Columbia, South Carolina 29211 (US).

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

F16D 27/00

WO 2004/085866 (13) A1

PCT/KR2004/000704

27 Mar/mar 2004 (27.03.2004)

en en

10-2003-0019044 27 Mar/mar 2003 KR (27.03.2003)

7 Oct/oct 2004 (07.10.2004)

STRUCTURE AND METHOD OF MOUNTING BUILT-IN TYPE OF DISCHARGE ELEMENT PART
STRUCTURE ET PROCEDE DE MONTAGE DE TYPE INTEGRE DE PARTIE D'ELEMENT DE DECHARGE

WOORY INDUSTRY COMPANY LTD
[KR/KR]; 516-1, Yeongdeok-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). HALLA CLIMATE CONTROL CORP. [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR).
(for all designated States except / pour tous les États désignés sauf US)

PARK, Dae-Yong [KR/KR]; 516-1, Yeongdeok-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). KIM, Gi-Hong [KR/KR]; 516-1, Yeongdeok-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). OH, Sung-Taeg [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR). PARK, Do-Seo [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR). CHUNG, Suk-Jae [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon 306-230 (KR).

(74) **WONJON PATENT FIRM**; 8th Floor, Poonglim Bldg., 823-1, Yeoksam-dong, Kangnam-gu, Seoul 135-784 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/00

(11) WO 2004/085867 (13) A2

(21) PCT/EP2004/002942

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 338.6 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDRODYNAMIC CONVERTER PROVIDED WITH A PRIMARY CLUTCH AND A BY-PASS CLUTCH FOR SAID CONVERTER
• CONVERTISSEUR HYDRODYNAMIQUE AVEC EMBRAYAGE PRIMAIRE ET EMBRAYAGE DE PONTAGE DE CONVERTISSEUR

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBER, Fritz** [DE/DE]; Birnenweg 3, 88048 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 48/08

(11) WO 2004/085868 (13) A1

(21) PCT/GB2004/001254

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306762.6 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR CONTROLLING ENGAGEMENT OF A CLUTCH

• SYSTEME ET PROCEDE DE COMMANDE D'ENCLenchement D'UN EMBRAYAGE

(71) EATON CORPORATION [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114-2584 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOWLER, Martin, Paul [GB/GB]; 54 Rushgreen Road, Lymm, Cheshire WA13 9PR (GB). WHEELER, Robert, Stanley [GB/GB]; 27 Dairy Lane, Brockhill, Redditch B97 6TR (GB). STEEBY, Jon, Allen [US/US]; Eaton Truck Galesburg USA, 13100 East Michigan Avenue, Galesburg, MI 49053 (US). STASIK, Anthony [US/US]; Eaton Truck Galesburg USA, 13100 East Michigan Avenue, Galesburg, MI 49053 (US).

(74) GODDARD, David, John; Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport, SK6 5HH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/085869 (13) A1

(21) PCT/IT2003/000185

(22) 28 Mar/mar 2003 (28.03.2003)

(25) it (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CALIPER OF A DISC BRAKE

• ETRIER DE FREIN A DISQUE

(71) FRENI BREMBO S.p.A. [IT/IT]; Via Brembo, 25, I-24035 Curno (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAVEZZI, Roberto [IT/IT]; Via Gaetano Donizetti, 75, I-24030 Brembate Di Sopra (IT). CARMINATI, Fabiano [IT/IT]; Via Valle Quisa, 7, I-24030 Mozzo (IT).

(74) CRIPPA, Paolo, Ernesto et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 65/12

(11) WO 2004/085870 (13) A1

(21) PCT/IT2003/000186

(22) 28 Mar/mar 2003 (28.03.2003)

(25) it (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BRAKING BAND FOR BUILT-UP BRAKE DISCS

• BANDE DE FREINAGE POUR DISQUES DE FREINS COMPOSITES

(71) FRENI BREMBO S.p.A. [IT/IT]; Via Brembo, 25, I-24035 Curno (IT).

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(72, 75) TIRONI, Giovanni, Mario [IT/IT]; Via C. Fonzagio, 16, I-24044 Dalmine (IT). BIONDO, Simone [IT/IT]; Via Brescia, 5, I-20051 Limbiate (IT).

(74) CRIPPA, Paolo, Ernesto et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 F16F 9/02, 9/346, 9/48, 7/09

(11) WO 2004/085871 (13) A1

(21) PCT/DE2004/000600

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 659.2 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PNEUMATIC DECELERATION DEVICE FOR BRAKING DISPLACEABLE PARTS OF FURNITURE

• DISPOSITIF DE DECELERATION PNEUMATIQUE SERVANT A REDUIRE LA VITESSE DE PIECES DE MEUBLES MOBILES

(71, 72) ZIMMER, Günther [DE/DE]; Im Salmenkopf 7, 77866 Rheinau (DE). ZIMMER, Martin [DE/DE]; Mühlenstrasse 6, 77866 Rheinau (DE).

(74) ZÜRN & THÄMER; Hermann-Köhl-Weg 8, 76571 Gaggenau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16F 9/346, 9/46

(11) WO 2004/085872 (13) A1

(21) PCT/US2004/007413

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/393,168 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADJUSTABLE SHOCK ABSORBER

• ABSORBEUR DE CHOCs REGLABLE

(71) ENERTROLS, INC. [US/US]; 38284 Abruzzi Drive, Westland, MI 48185 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HEIDEMAN, Robert; 34316 Barton Street, Westland, MI 48185 (US).

(for all designated States except / pour tous les États désignés sauf US)

(74) MOORE, Todd, L. et al. / etc.; Young & Basile, P.C., Suite 624, 3001 West Big Beaver Road, Troy, MI 48084-3107 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16F 9/36

(11) WO 2004/085873 (13) A1

(21) PCT/EP2004/000845

(22) 30 Jan/jan 2004 (30.01.2004)

(25) de (26) de

(30) 103 13 473.5 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WHEEL SUSPENSION
• SUSPENSION DE ROUE(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BIDLINGMAIER, Michael [DE/DE];
Zeiselbergstrasse 9, 73525 Schwäbisch
Gmünd (DE).(74) KOCHER, Klaus-Peter et al. / etc.; Daim-
lerChrysler AG, Intellectual Property Man-
agement, IPM - C106, 70546 Stuttgart (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 F16F 13/26

(11) WO 2004/085874 (13) A1

(21) PCT/JP2004/004219

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-087059 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VIBRATION CONTROL DEVICE
• DISPOSITIF DE REGULATION DE VI-
BRATIONS(71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 1048340 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TASHIRO, Katsumi [JP/JP]; c/o
BRIDGESTONE CORPORATION, 10-1,
Kyobashi 1-chome, Chuo-ku, Tokyo 1048340
(JP).(74) NAKAJIMA, Jun et al. / etc.; Taiyo, Naka-
jima & Kato, Seventh floor, HK-Shinjuku
Building, 3-17, Shinjuku 4-chome, Shin-
juku-ku, Tokyo 1600022 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PHPL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ F16F 15/131

(11) WO 2004/085875 (13) A2

(21) PCT/FR2004/050106

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/03225 17 Mar/mar 2003 FR
(17.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TORQUE TRANSMITTING DEVICE,
IN PARTICULAR FOR A MOTOR VE-
HICLE• DISPOSITIF DE TRANSMISSION DE
COUPLE, EN PARTICULIER POUR
VEHICULE AUTOMOBILE(71) VALEO EMBRAYAGES [FR/FR]; 5, av-
enue Roger Dumoulin, F-80009 Amiens (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BONNEL, Daniel [FR/FR]; 26, rue du
Moulin Brûlé, F-80000 Amiens (FR). TER-
NOY, Nicolas [FR/FR]; 10, rue de Dieppe,
F-80700 Roye (FR). VERHOOG, Roël
[FR/FR]; 2, rue Brunet, F-60190 Gournay
sur Aronde (FR). VRINAT, Jean-Pierre
[FR/FR]; 10, rue Cozette, F-80000 Amiens
(FR).(74) VIGNESOULT, Serge; Service Propriété In-
dustrielle, 15, rue des Rosiers, F-93585 Saint-
Ouen (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/04, F21V 21/02

(11) WO 2004/085876 (13) A1

(21) PCT/SE2004/000455

(22) 24 Mar/mar 2004 (24.03.2004)

(25) sv (26) en

(30) 0300787-9 24 Mar/mar 2003 SE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOCKING DEVICE

• DISPOSITIF DE BLOCAGE

(71, 72) IU, Kin, Lap [SE/SE]; Sveavägen
20, S-382 44 Nybro (SE). YIU, Chi, Wai[CN/CN]; P.O. Box 434, Yuen Long Post
Office, N.T., Hong Kong (CN).(74) BJELKSTAM, Peter; Rådjursvägen 11,
S-131 42 Nacka (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51) F16H

(11) WO 2004/085877 (13) A2

(21) PCT/EP2004/002937

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 324.6 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDRODYNAMIC CONVERTER
COMPRISING A PRIMARY CLUTCH• CONVERTISSEUR HYDRODYNA-
MIQUE DOTE D'UN EMBRAYAGE
PRIMAIRE(71) ZF FRIEDRICHSHAFEN AG [DE/DE];
88038 Friedrichshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LEBER, Fritz [DE/DE]; Birnenweg 3,
88048 Friedrichshafen (DE).(74) ZF FRIEDRICHSHAFEN AG; 88038
Friedrichshafen (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/16, B30B 1/02

(11) WO 2004/085878 (13) A1

(21) PCT/KG2003/000001

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ru (26) ru

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BALANCED POWER AXOID MECHA-
NISM AND AXOID PRESS• MECANISME DE FORCE AXOIDE
EQUILIBRE ET PRESSE AXOIDE

(71, 72) **DON, Evgenny Alexeevich** [KG/KG]; 10-th Microdistrict, 33-77, 720023 Bishkek (KG).

(72, 75) **KIM, Florid Borisovich** [KG/KG]; 4-th Microdistrict, 20-41, 720025 Bishkek (KG). **SMARYGIN, Igor Vladimirovich** [KG/KG]; ul. Ashkabadsкая, 53-2, 720035 Bishkek (KG).

(74) **DON, Evgenny Alexeevich**; General Post Office, P.O. Box 1860, 720000 Bishkek (KG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 **F16H 48/00**

(11) **WO 2004/085879** (13) A1

(21) PCT/KR2004/000635

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ko (26) en

(30) 10-2003-0018309 **24 Mar/mar 2003 KR (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **MOBILE ROBOT WITH 360 DEGREES ENDLESS ROTATION TYPE DECOUPLED TURRET**

• **ROBOT MOBILE DOTE D'UNE TOURELLE DECOUPLEE DE TYPE A ROTATION SUR 360 DEGRES**

(71) **HANOOL ROBOTICS CORP** [KR/KR]; 461-68 Jeonmin-Dong, Yuseong-Gu, Daejeon 305-390 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUNG, Ui Jung** [KR/KR]; 286-5 Jeonmin-Dong, Yuseong-Gu, Daejeon 305-810 (KR). **CHOI, Goon Ho** [KR/KR]; Hyundai Yeoulme Apt. 607dong, 1301ho Jeonmin-Dong, Yuseong-Gu, Daejeon 305-330 (KR). **KIM, Byung Soo** [KR/KR]; Hanmael Apt. 111dong, 1302ho, Songkang-Dong, Yuseong-Gu, Daejeon 305-503 (KR).

(74) **CHANG, Soon Boo et al.** / etc.; 8th Fl, Mointer Bldg., 1675-12 Seocho -Dong, Seocho-Gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 57/08, 1/28**

(11) **WO 2004/085880** (13) A1

(21) PCT/DE2004/000643

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) de (26) de

(30) 103 14 069.7 **25 Mar/mar 2003 DE (25.03.2003)**

(30) 10 2004 010 654.1 **2 Mar/mar 2004 DE (02.03.2004)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **GEARBOX DEVICE**
• **DISPOSITIF DE TRANSMISSION**

(71, 72) **PLATH, Klaus** [DE/DE]; St. Michelner Nebenstrasse 10a, 08132 Mülsen (DE).

(74) **VON SCHORLEMER, R.**; Karthäuserstrasse 5A, 34117 Kassel (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16H 59/16, 61/14, 45/02**

(11) **WO 2004/085881** (13) A1

(21) PCT/EP2004/002938

(22) **20 Mar/mar 2004 (20.03.2004)**

(25) de (26) de

(30) 103 14 330.0 **28 Mar/mar 2003 DE (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **HYDRODYNAMIC TORQUE CONVERTER**
• **CONVERTISSEUR DE COUPLE HYDRODYNAMIQUE**

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REBHOLZ, Wolfgang** [DE/DE]; Riedleparkstr. 32/1, 88045 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16H 61/00**

(11) **WO 2004/085882** (13) A2

(21) PCT/EP2004/002941

(22) **20 Mar/mar 2004 (20.03.2004)**

(25) de (26) de

(30) 103 14 332.7 **28 Mar/mar 2003 DE (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **HYDRODYNAMIC TORQUE CONVERTER**
• **CONVERTISSEUR DE COUPLE HYDRODYNAMIQUE**

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBER, Fritz** [DE/DE]; Birnenweg 3, 88048 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ **F16H 61/06, 61/08 // 59:04, 59:34, B60K 41/06, F02D 29/00**

(11) **WO 2004/085883** (13) A1

(21) PCT/JP1997/000567

(22) **27 Feb/fév 1997 (27.02.1997)**

(25) ja (26) ja

(30) 8-65525 **27 Feb/fév 1996 JP (27.02.1996)**

(30) 8-65526 **27 Feb/fév 1996 JP (27.02.1996)**

(30) 8-65527 **27 Feb/fév 1996 JP (27.02.1996)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **CONTROLLER FOR AN AUTOMATIC TRANSMISSION**
• **CONTROLEUR POUR UNE TRANSMISSION AUTOMATIQUE**

(71, 72) **TABATA, Atsushi** [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471 (JP). **KAIGAWA, Masato** [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471 (JP). **TAKAHASHI, Nobuaki** [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471 (JP).

(74) WATANABE, Takeo; 3rd floor, Yushima Lemie Bldg., 21-15, Yushima 3-chome, Bunkyo-ku, Tokyo 113 (JP).

(81) US.

Published / Publiée : (e): 17Oct/oct 2000
(17.10.2000), 6132334

(51)⁷ F16H 61/14

(11) WO 2004/085884 (13) A2

(21) PCT/EP2004/002943

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 335.1 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HYDRODYNAMIC TORQUE CONVERTER

• CONVERTISSEUR DE COUPLE HYDRODYNAMIQUE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEBER, Fritz [DE/DE]; Birnenweg 3, 88048 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 61/28

(11) WO 2004/085885 (13) A1

(21) PCT/GB2004/001245

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307119.8 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTROLLING A TRANSMISSION OF A VEHICLE

• PROCEDE DE COMMANDE DE TRANSMISSION D'UN VEHICULE

(71) RICARDO UK LIMITED [GB/GB]; Bridge Works, Shoreham-by-Sea, West Sussex BN43 5FG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAYLOR, Richard [GB/GB]; Malory Barn, Malt Kiln Farm, Main Street, Stretton-under-Fosse, Warwickshire CV23 0PF (GB).

(74) HIBBERT, Juliet 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 61/28

(11) WO 2004/085886 (13) A1

(21) PCT/GB2004/001280

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307117.2 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTROLLING A TRANSMISSION OF A VEHICLE

• PROCEDE DE COMMANDE DE TRANSMISSION D'UN VEHICULE

(71) RICARDO UK LIMITED [GB/GB]; Bridge Works, Shoreham-by-Sea, West Sussex BN43 5FG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRIFFITH, Richard, Gareth [GB/GB]; 66 Conway Avenue, Coventry, West Midlands CV4 9HZ (GB). BARNES, Robert, John [GB/GB]; 15 St George Drive, Rawnsley, Hednesford, Cannock, Staffordshire WS12 0FB (GB).

(74) HIBBERT, Juliet 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 61/30, 61/28

(11) WO 2004/085887 (13) A1

(21) PCT/GB2004/001240

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307118.0 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSMISSION ACTUATOR AND CONTROL METHOD THEREFOR

• ACTIONNEUR DE BOITE DE VITESSE ET PROCEDE DE COMMANDE

(71) RICARDO UK LIMITED [GB/GB]; Bridge Works, Shoreham-by-Sea, West Sussex BN43 5FG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARNES, Robert, John [GB/GB]; 15 St George Drive, Rawnsley, Hednesford, Cannock, Staffordshire, WS12 0FB (GB). GRIFFITH, Richard, Gareth [GB/GB]; 66 Conway Avenue, Coventry, West Midlands CV4 9HZ (GB).

(74) HIBBERT, Juliet 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 61/48

(11) WO 2004/085888 (13) A2

(21) PCT/EP2004/002946

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 14 333.5 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TORQUE HYDRODYNAMIC CONVERTER

• CONVERTISSEUR DE COUPLE HYDRODYNAMIQUE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEBER, Fritz [DE/DE]; Birnenweg 3, 88048 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(51) ⁷ F16K 5/20
(51) ⁷ F16J	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 2004/085892 (13) A1
(11) WO 2004/085889 (13) A2	(51) ⁷ F16J 15/06, 15/12, F02F 7/00	(21) PCT/GB2004/000869
(21) PCT/US2004/008214	(11) WO 2004/085891 (13) A1	(22) 3 Mar/mar 2004 (03.03.2004)
(22) 18 Mar/mar 2004 (18.03.2004)	(21) PCT/DE2004/000357	(25) en (26) en
(25) en (26) en	(22) 27 Feb/fév 2004 (27.02.2004)	(30) 0306744.4 25 Mar/mar 2003 GB (25.03.2003)
(30) 10/394,730 21 Mar/mar 2003 US (21.03.2003)	(25) de (26) de	(43) 7 Oct/oct 2004 (07.10.2004)
(43) 7 Oct/oct 2004 (07.10.2004)	(30) 103 13 732.7 27 Mar/mar 2003 DE (27.03.2003)	(54) • AN ISOLATION VALVE ASSEMBLY • VANNE D'ISOLEMENT
(54) • BRUSH SEAL ASSEMBLY, METHOD OF MANUFACTURE AND USE • ENSEMBLE JOINT A BROUSSE ET PROCEDE DE FABRICATION ET D'UTILISATION CORRESPONDANT	(43) 7 Oct/oct 2004 (07.10.2004)	(71) OLIVER TWINSAFE VALVES LIM- ITED [GB/GB]; Parkgate Industrial Estate, Knutsford, Cheshire WA16 8DX (GB). <i>(for all designated States except / pour tous les États désignés sauf US)</i>
(71) ADVANCED COMPONENTS & MATE- RIALS, INC. [US/US]; 1360 High Hawk Road, East Greenwich, RI 02818-1361 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(54) • DIMENSIONALLY STABLE ELAS- TOMER SEAL • GARNITURE D'ETANCHEITE ELAS- TOMERE INDEFORMABLE	(72, 75) FURNIVAL, Craig, Antony [GB/GB]; 8 Berkshire Drive, Woolston, Warrington, Cheshire WA1 4EX (GB).
(72, 75) DATTA, Amitava [US/US]; 1360 High Hawk Road, East Greenwich, RI 02818-1361 (US).	(71) FEDERAL-MOGUL SEALING SYS- TEMS BRETEN GMBH & CO. KG [DE/DE]; Pforzheimer Strasse 105, 75015 Bretten (DE). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(74) EVERY, David, Aidan; Marks & Clerk, Sussex House, 83-85 Mosley Street, Man- chester M2 3LG (GB).
(74) MCLANE, Jodi-Ann et al. / etc.; Salter & Michaelson, 321 South Main Street, Provi- dence, RI 02903-7128 (US).	(72, 75) SALAMEH, Ralf [DE/DE]; Josten- buckel 19, 75053 Gondelsheim (DE).	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(74) FEDERAL-MOGUL SEALING SYS- TEMS BRETEN GMBH & CO. KG; Werk 1 - Patentabteilung - Manfred Zeller- hoff, Bürgermeister-Schmidt-Str. 17, 51399 Burscheid (DE).	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 : <i>(u) for / pour US only / seulement</i>
(11) WO 2004/085890 (13) A2	(51) ⁷ F16K 11/085, 11/12, F02G 1/043	(11) WO 2004/085893 (13) A1
(21) PCT/US2004/008434	(11) WO 2004/085890 (13) A1	(21) PCT/GB2004/001318
(22) 19 Mar/mar 2004 (19.03.2004)	(21) PCT/GB2004/001318	(22) 26 Mar/mar 2004 (26.03.2004)
(25) en (26) en	(25) en (26) en	(25) en (26) en
(30) 60/456,125 20 Mar/mar 2003 US (20.03.2003)	(30) 0307283.2 28 Mar/mar 2003 GB (28.03.2003)	(30) 0316289.8 11 Jul/juil 2003 GB (11.07.2003)
(43) 7 Oct/oct 2004 (07.10.2004)	(30) 0316289.8 11 Jul/juil 2003 GB (11.07.2003)	(43) 7 Oct/oct 2004 (07.10.2004)
(54) • EMBRACED MOVING CYLINDER AND METHODS OF USING SAME • CYLINDRE MOBILE ENSERRE ET SES PROCEDES D'UTILISATION	Published / Publiée : (c)	(54) • A SPLITTER VALVE • VANNE DE DISTRIBUTION
(71, 72) MALING, Charles [US/US]; 496 Har- mony Lane, Boone, NC 28657 (US).	Declarations / Déclarations : <i>(r) for all designations / pour toutes les désignations</i> <i>(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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> <i>(t) for all designations / pour toutes les désignations</i> <i>(u) for / pour US only / seulement</i>	(71) MICROGEN ENERGY LIMITED [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB). <i>(for all designated States except / pour tous les États désignés sauf US)</i>
(74) ADAMS, W., Thad, III et al. / etc.; Adams Evans P.A., 2180 Two Wachovia Center, Charlotte, NC 28282 (US).		(72, 75) HASKO, Stephen, Michael [GB/GB]; Alger House, 105 High Street, Brompton, Huntingdon, Cambridgeshire PE28 4TQ (GB). COOPER, James, Edward [GB/GB]; 256 Beacon Road, Loughborough, Leicester- shire LE11 2RD (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL		(74) DRAPER, Martyn, John et al. / etc.; Boul- t 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F16K 11/14, 31/53

(11) WO 2004/085894 (13) A1

(21) PCT/CN2004/000255

(22) 26 Mar/mar 2004 (26.03.2004)

(25) zh (26) zh

(30) 03118204.6 26 Mar/mar 2003 CN (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTIPLE VALVE WITH EXTRA TOUGH SEALING PERFORMANCE
• SOUPAPE MULTIPLE A ETANCHEITE EXTREMEMENT RESISTANTE

(71, 72) ZHU, Ting [CN/CN]; A-403, Chuangyeyuan, Taishan RD, Tianyuan District, Zhuzhou, Hunan 412007 (CN).

(74) CHANGSHA ZONEKEY PATENT LAW FIRM; 135# Bayi Rd., Changsha, Hunan 410001 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/06

(11) WO 2004/085895 (13) A1

(21) PCT/DE2004/000476

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 13 854.4 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROPNEUMATIC PRESSURE TRANSDUCER COMPRISING A TEMPERATURE COMPENSATED MAGNETIC CIRCUIT
• CONVERTISSEUR DE PRESSION ELECTROPNEUMATIQUE POURVU D'UN CIRCUIT MAGNETIQUE A COMPENSATION THERMIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) KRIMMER, Erwin [DE/DE]; Scheffellweg 9, 73655 Pluederhausen (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 31/06, 35/00

(11) WO 2004/085896 (13) A1

(21) PCT/JP2003/003566

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SOLENOID VALVE
• VANNE ELECTROMAGNETIQUE

(71) TECHNO TAKATSUKI CO., LTD. [JP/JP]; 8-16, Hacchonishimachi, Takatsuki-shi, Osaka 569-0095 (JP).

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(72, 75) KAWASAKI, Nozomu [JP/JP]; c/o TECHNO TAKATSUKI CO., LTD., 8-16, Hacchonishimachi, Takatsuki-shi, Osaka 569-0095 (JP).

(74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) GB JP US.

(51)⁷ F16K 31/06

(11) WO 2004/085897 (13) A1

(21) PCT/JP2003/003567

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SOLENOID VALVE
• VANNE ELECTROMAGNETIQUE

(71) TECHNO TAKATSUKI CO., LTD. [JP/JP]; 8-16, Hacchonishimachi, Takatsuki-shi, Osaka 569-0095 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHYA, Ikuo [JP/JP]; c/o TECHNO TAKATSUKI CO., LTD., 8-16, Hacchonishimachi, Takatsuki-shi, Osaka 569-0095 (JP). KOMURO, Hirokazu [JP/JP]; c/o TECHNO TAKATSUKI CO., LTD., 8-16, Hacchonishimachi, Takatsuki-shi, Osaka 569-0095 (JP). BANDO, Noboru [JP/JP]; c/o TECHNO TAKATSUKI CO., LTD., 8-16, Hacchonishimachi, Takatsuki-shi, Osaka 569-0095 (JP).

(74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) GB JP US.

(51)⁷ F16L 1/20

(11) WO 2004/085898 (13) A1

(21) PCT/GB2004/001275

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306784.0 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS AND METHODS FOR LAYING OF ELONGATE ARTICLES FROM A VESSEL

• APPAREILS ET PROCEDES POUR LA POSE D'ARTICLES ALLONGES CONTENUS DANS UN NAVIRE

(71) STOLT OFFSHORE LIMITED [GB/GB]; Bucksburn House, Howes Road, Bucksburn, Aberdeen AB16 7QU (GB).

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(72, 75) WILLIS, Stewart, Kenyon [GB/GB]; 2 Burnside Walk, Aboyne, Aberdeenshire AB34 5GJ (GB).

(74) FITZPATRICKS; 4 West Regent Street, Glasgow G2 1RS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16L 3/22, 3/10, 5/00, H02G 3/22

(11) WO 2004/085899 (13) A1

(21) PCT/NZ2004/000059

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 525017 27 Mar/mar 2003 NZ (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A MOUNTING BLOCK
• BLOC DE MONTAGE

(71) GALANTAI (PLASTICS) GROUP LIMITED [NZ/NZ]; 11 Bancroft Crescent, Glendene, AUCKLAND, 1005 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GALANTAI, Roderick, Francis [NZ/NZ]; 41 Sarsfield Street, Herne Bay, AUCKLAND, 1005 (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/08

(11) WO 2004/085900 (13) A1

(21) PCT/FR2004/000637

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/03490 21 Mar/mar 2003 FR (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLEXIBLE TUBULAR FLUID-TRANSFER CONDUIT

• CONDUITE TUBULAIRE FLEXIBLE POUR LE TRANSPORT D'UN FLUIDE

(71) TECHNIP FRANCE [FR/FR]; ZAC Danton, 6-8, allée de l'Arche, Faubourg de L'Arche, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPOIRON, François [FR/FR]; 8, rue Caplet, F-76360 Barentin (FR).

(74) BERTRAND, Didier; c/o SA Fedit-Loriot & Autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16L 17/04, 21/06

(11) WO 2004/085901 (13) A1

(21) PCT/IB2004/000739

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 0529/03 26 Mar/mar 2003 CH (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PIPE COUPLING

• RACCORD DE TUYAUX

(71) STRAUB WERKE AG [CH/CH]; Straubstrasse 13, CH-7323 Wangs (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUDAR, Damir [HR/CH]; Allmendweg 3, CH-7310 Bad Ragaz (CH).

(74) ROSENICH, Paul; Patentbüro Paul Rosenich AG, BGZ, FL-9497 Triesenberg (LI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 23/024, C23C 14/34, 14/35, H01J 37/34

(11) WO 2004/085902 (13) A1

(21) PCT/EP2004/050188

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 03100767.7 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UNIVERSAL VACUUM COUPLING FOR CYLINDRICAL TARGET

• RACCORD UNIVERSEL PAR DEPRESSION POUR CIBLE CYLINDRIQUE

(71) BEKAERT VDS N.V. [BE/BE]; E-3-Laan 75-79, B-9800 Deinze (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE BOSSCHER, Wilmert [BE/BE]; Noordhoutstraat 22, B-9031 Drongen (BE).

(74) MESSELY, Marc; Bekaertstraat 2, B-8550 Zwevegem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 27/08, 37/53

(11) WO 2004/085903 (13) A1

(21) PCT/SE2004/000456

(22) 25 Mar/mar 2004 (25.03.2004)

(25) sv

(26) en

(30) 0300880-2 28 Mar/mar 2003 SE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • QUICK JOINT COUPLING FOR LINES COMPRISING LOCKING MEANS ROTATABLY ARRANGED IN RELATION TO THE FEMALE PART

• RACCORD RAPIDE POUR CONDUITES COMPRENANT UN DISPOSITIF DE BLOCAGE MONTE ROTATIF PAR RAPPORT A LA PARTIE FEMELLE

(71) WEO HYDRAULIC AB [SE/SE]; Solrosvägen 3, S-445 56 Surte (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHLSSON, Weimar [SE/SE]; Solrosvägen 3, S-445 56 Surte (SE).

(74) STRÖM & GULLIKSSON IP AB; Lindholmospiren 5, S-417 56 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/04

(11) WO 2004/085904 (13) A1

(21) PCT/EP2004/003324

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 203 05 044.4 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PIPE BRACKET

• BRIDE D'ATTACHE POUR TUYAUX

(71) ABA OF SWEDEN AB [SE/SE]; Wallingatan 2, S-111 60 Stockholm (SE).

(72, 75) WITISKA, Siegfried [DE/DE]; Breslauer Strasse 22, 23611 Bad Schwartau (DE). REICHEL, Ralf [DE/DE]; Am Buchenwald 17, 34431 Marsberg (DE).

(74) SPERLING, Rüdiger; Müllerstrasse 3, 80469 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 33/213

(11) WO 2004/085905 (13) A1

(21) PCT/IB2004/000879

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,653 26 Mar/mar 2003 US
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • END FITTING FOR A FLEXIBLE PIPE,
PIPE ASSEMBLY AND METHOD OF
ASSEMBLING THE PIPE ASSEMBLY

• RACCORD D'EXTREMITE POUR CA-
NALISATION SOUPLE, TUYAUTERIE
ET SON PROCEDE DE MONTAGE

(71) WELLSTREAM INTERNATIONAL
LIMITED [GB/GB]; Wellstream House,
Wincomblee Road, Walker Riverside, New-
castle-upon-Tyne NE6 3PF (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ECCLESTON, Tony [GB/GB]; 54 Jes-
mond Park West, High Heaton NE7 7BY
(GB).

(74) BOAKES, Jason, Carrington; Harrison
Goddard Foote, 31 St. Saviourgate, York,
YO1 8NQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP

(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL 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 37/60

(11) WO 2004/085906 (13) A1

(21) PCT/EP2004/002886

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 12 997.9 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GAS-SOCKET OUTLET

• PRISE DESTINEE AU GAZ

(71) MERTIK MAXITROL GMBH & CO.
KG [DE/DE]; Warnstedter Strasse 03, 06502
Thale (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALBRECHT, Günter [DE/DE]; Bode-
berg 03, 06502 Weddersleben (DE). VOGT,
Thomas [DE/DE]; Jägerstrasse 06, 06507
Bad Suderode (DE).

(74) ALBRECHT, Günter; Mertik Maxitrol
GmbH & Co. KG, Warnstedter Strasse 03,
06502 Thale (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 41/02, 9/00, 55/11, B21C 37/15,
F24F 13/02

(11) WO 2004/085907 (13) A1

(21) PCT/EP2004/003041

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 203 04 739.7 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TUBE PROVIDED WITH A PARTITION
• CONDUIT A CLOISON

(71) FRENGER SYSTEMEN BV HEIZ-
UND KÜHLTECHNIK GMBH [DE/DE];
Gartenstrasse 69, 64823 Gross-Umstadt
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MENGE, Hans, Werner [DE/DE];
Wilhelm-Leuschner-Strasse 187, 64823
Gross-Umstadt (DE). MENGE, Klaus
[DE/DE]; Wilhelm-Leuschner-Strasse 187,
64823 Gross-Umstadt (DE).

(74) KEIL & SCHAAFHAUSEN; Cronstetten-
strasse 66, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/085908 (13) A2

(21) PCT/EP2004/050233

(22) 2 Mar/mar 2004 (02.03.2004)

(25) de (26) de

(30) 103 13 656.8 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEIGHT-ADJUSTING DEVICE AND
SUPPORT FOR OPTICAL SYSTEMS,
WHICH COMPRISES HEIGHT-AD-
JUSTING DEVICES

• DISPOSITIF DE REGLAGE EN HAU-
TEUR ET SUPPORT POUR SYSTEMES
OPTIQUES COMPRENANT DES DIS-
POSITIFS DE REGLAGE EN HAU-
TEUR

(71) LEICA MICROSYSTEMS WETZLAR
GMBH [DE/DE]; Ernst-Leitz-Strasse 17-37,
35578 Wetzlar (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BENDER, Claus [DE/DE];
Kirschenallee 3, 35614 Asslar-Werdorf (DE).

(74) REICHERT, Werner F.; Leica Microsys-
tems AG, Corporate Patents + Trademarks
Department, Ernst-Leitz-Strasse 17-37,
35578 Wetzlar (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW)

EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F16M 11/04, 13/00, G03B 21/54

(11) WO 2004/085909 (13) A1

(21) PCT/SE2004/000340

(22) 9 Mar/mar 2004 (09.03.2004)

(25) sv (26) en

(30) 0300817-4 25 Mar/mar 2003 SE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROJECTOR HOLDER
• PORTE-PROJECTEUR

(71) EFAB - ERIK FRISSELL AB [SE/SE]; Olympiavägen 114, S-122 40 Enskede (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LÖNNQVIST, Hans [SE/SE]; Åsögatan 86, S-118 29 Stockholm (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhausen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 F16S 3/08, A47B 47/02, 96/14

(11) WO 2004/085910 (13) A1

(21) PCT/ES2004/000114

(22) 12 Mar/mar 2004 (12.03.2004)

(25) es (26) es

(30) P200300696 25 Mar/mar 2003 ES
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LONGITUDINAL MEMBER FOR DISMANTLABLE STRUCTURES
• POUTRE D'APPUI POUR STRUCTURES DEMONTABLES

(71) ESMENA S.L. [ES/ES]; La Picota S/N, E-33211 Gijón (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RODRIGUEZ PÉREZ, Pablo [ES/ES]; La Picota S/N, E-33211 Gijón (ES). FERNANDEZ ROUGEOT, Gregorio [ES/ES]; La Picota S/N, E-33211 Gijón (ES).

(74) DAVILA BAZ, Angel; c/o Clarke, Modet & Co., Calle Goya, 11, E-28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F17C 1/06

(11) WO 2004/085911 (13) A1

(21) PCT/US2004/008280

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/392,561 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITE REINFORCED GAS TRANSPORT MODULE
• MODULE DE TRANSPORT DE GAZ RENFORCE DE COMPOSITE

(71) NCF INDUSTRIES, INC. [US/US]; 807-C West Main Street, Santa Maria, CA 93458 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAWLEY, Norman, C. [US/US]; 1020 O'Connor Way, San Luis Obispo, CA 93405 (US).

(74) COESTER, Thomas, M.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F17C 9/04

(11) WO 2004/085912 (13) A1

(21) PCT/FR2004/000674

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr (26) fr

(30) 0303430 20 Mar/mar 2003 FR
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER SUPPLY FOR A GAS TERMINAL FROM A SHIP TRANSPORTING LIQUEFIED GAS
• ALIMENTATION EN ENERGIE D'UN TERMINAL GAZIER A PARTIR D'UN NAVIRE TRANSPORTANT DU GAZ LIQUEFIE

(71) SNECMA MOTEURS [FR/FR]; 2 Boulevard du Général Martial Valin, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEGGER, Damien [FR/FR]; 40 Rue Yvelin, F-27200 Vernon (FR).

(74) JOLY, Jean-Jacques et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/17

(11) WO 2004/085913 (13) A1

(21) PCT/FR2004/000567

(22) 10 Mar/mar 2004 (10.03.2004)

(25) fr (26) fr

(30) 03/03275 17 Mar/mar 2003 FR
(17.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF OPTIMISING THE PIPELINE TRANSPORT OF HEAVY CRUDES

• METHODE D'OPTIMISATION DU
TRANSPORT PAR PIPELINE DE
BRUTS LOURDS

(71) INSTITUT FRANCAIS DU PETROLE
[FR/FR]; 1 et 4, avenue du Bois Préau,
F-92852 Rueil-Malmaison Cedex (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HENAUT, Isabelle [FR/FR]; 56, rue
Sophie Rodrigues, F-92500 Rueil-Mal-
maison (FR). BARRE, Loïc [FR/FR]; 14,
allée de Mocsouris, F-91190 Gif-sur-Yvette
(FR). GATEAU, Patrick [FR/FR]; 15, rue
des Iles Glénan, F-78310 Maurepas (FR).
ARGILLIER, Jean-François [FR/FR];
4, square de l'Hippodrome, F-92210
Saint-Cloud (FR).

(74) ELMALEH, Alfred; Institut Français du
Pétrole, 1 et 4, avenue Bois Préau, F-92852
Rueil-Malmaison Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F21S 2/00, F21V 23/00, H02M 7/48

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(21) PCT/JP2004/003196

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-081506 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPACT SELF-BALLASTED FLUO-
RESCENT LAMP AND LIGHTING FIT-
TING

• LAMPE FLUORESCENTE COMPACTE
AUTO-REGULEE ET LUMINAIRE

(71) TOSHIBA LIGHTING & TECHNOL-
OGY CORPORATION [JP/JP]; 3-1, Hi-
gashishinagawa 4-chome, Shinagawa-ku,
Tokyo 1408640 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUBOTA, Hiroshi [JP/JP]; c/o Toshiba
Lighting & Technology Corporation, 3-1,
Higashishinagawa 4-chome, Shinagawa-ku,
Tokyo 1408640 (JP). HIRAOKA, Toshiyuki
[JP/JP]; c/o Toshiba Lighting & Technol-
ogy Corporation, 3-1, Higashishinagawa
4-chome, Shinagawa-ku, Tokyo 1408640
(JP). HAKUTA, Shinya [JP/JP]; c/o Toshiba
Lighting & Technology Corporation, 3-1,
Higashishinagawa 4-chome, Shinagawa-ku,
Tokyo 1408640 (JP). ARAKI, Tsutomu
[JP/JP]; c/o Toshiba Lighting & Technol-
ogy Corporation, 3-1, Higashishinagawa
4-chome, Shinagawa-ku, Tokyo 1408640

(JP). MATSUMOTO, Shinichiro [JP/JP];
c/o Toshiba Lighting & Technology Cor-
poration, 3-1, Higashishinagawa 4-chome,
Shinagawa-ku, Tokyo 1408640 (JP). NAKA-
MURA, Mari [JP/JP]; c/o Toshiba Lighting
& Technology Corporation, 3-1, Higashishi-
nagawa 4-chome, Shinagawa-ku, Tokyo
1408640 (JP).

(74) KABASAWA, Joo et al. / etc.; NSO BLDG.,
1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo
1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F21S 2/00, F21V 7/00, 19/00, G03B 21/14,
H01J 61/35

(11) WO 2004/085915 (13) A1

(21) PCT/JP2004/004107

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082921 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-327238 19 Sep/sep 2003 JP
(19.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT SOURCE DEVICE AND PRO-
JECTOR

• DISPOSITIF DE SOURCE LUMINEUSE
ET PROJECTEUR ASSOCIE

(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishishinjuku 2-chome, Shinjuku-ku,
Tokyo, 1630811 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FUJISAWA, Shohei, [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5,
Owa 3-chome, Suwa-shi, Nagano, 3928502
(JP). TAKEZAWA, Takeshi, [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5, Owa
3-chome, Suwa-shi, Nagano, 3928502 (JP).

(74) KINOSHITA, Jitsuzo, et al. / etc.; 3rd.
floor, Ogikubo TM building, 26-13, Ogikubo
5-chome, Suginami-ku, Tokyo, 1670051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F21S 2/00, F21V 7/00, 19/00, G03B 21/14,
H01J 61/35

(11) WO 2004/085916 (13) A1

(21) PCT/JP2004/004115

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082921 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-327238 19 Sep/sep 2003 JP
(19.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT SOURCE DEVICE, AND PRO-
JECTOR

• DISPOSITIF DE SOURCE DE LU-
MIERE ET SON PROJECTEUR

(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishishinjuku 2-chome, Shinjuku-ku,
Tokyo 1630811 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FUJISAWA, Shohei [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5,
Owa 3-chome, Suwa-shi, Nagano 3928503
(JP). TAKEZAWA, Takeshi [JP/JP]; c/o
SEIKO EPSON CORPORATION, 3-5, Owa
3-chome, Suwa-shi, Nagano 3928502 (JP).

(74) KINOSHITA, Jitsuzo et al. / etc.; 3rd.
floor, Ogikubo TM building, 26-13, Ogikubo
5-chome, Suginami-ku, Tokyo 1670051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F21S 8/10, 10/02, 8/00, B60Q 1/00

(11) WO 2004/085917 (13) A1

(21) PCT/EP2004/002991

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 13 451.4 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INDIRECTLY ILLUMINATED HEAD-
LIGHT

• PHARE A ECLAIRAGE INDIRECT

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRIESINGER, Manfred [DE/DE];
Fichtestrasse 4, 71229 Leonberg (DE).
HARTLIEB, Markus [DE/DE]; Grüner Weg
8, 72141 Waldorfhäslach (DE). KINCSES,

- Wilhelm [DE/DE]; Ina-Rothschild-Weg 42, 73732 Esslingen (DE). LEIS, Hans-Georg [DE/DE]; Mistelweg 2, 73733 Esslingen (DE). ROTHE, Siegfried [DE/DE]; Hohenheimer Str. 56, 73770 Denkendorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F21S 8/10, B62J 6/02, H02G 3/30
(11) WO 2004/085918 (13) A1
(21) PCT/JP2004/003940
(22) 23 Mar/mar 2004 (23.03.2004)
(25) ja (26) ja
(30) 2003-087523 27 Mar/mar 2003 JP (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • HEADLIGHT
• PHARE
(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SUZUKI, Yasuhito, [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).
(74) ARAI, Jun.; 11-37, Takata-nishi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa, 2230066 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F21S 10/06, 8/00, F21V 21/30, 29/02
(11) WO 2004/085919 (13) A1
(21) PCT/IB2004/050302
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 03100800.6 27 Mar/mar 2003 EP (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • MOVING-HEAD DEVICE COMPRISING A LAMP
• DISPOSITIF A TETE MOBILE COMPRENANT UNE LAMPE
(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) MAES, Wouter, J. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GLAVIND, Mads [DK/DK]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F21V 8/00, A41G 1/00
(11) WO 2004/085920 (13) A1
(21) PCT/US2004/007240
(22) 10 Mar/mar 2004 (10.03.2004)
(25) en (26) en
(30) 10/392,259 19 Mar/mar 2003 US (19.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DECORATIVE TREE LIGHTING SYSTEM
• SYSTEME D'ECLAIRAGE D'ARBRE DECORATIF
(71, 72) DELMAR, Stephen [US/US]; 217 N. Ironwood, Gilbert, AZ 85234 (US).
(74) LAVALLE, Ptk, D.; Law Office of LaValle Ptk, 28435 N. 42nd Street, Cave Creek, AZ 85331 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 F22B 1/30, D06F 75/14
(11) WO 2004/085921 (13) A1
(21) PCT/CH2004/000178

- (22) 23 Mar/mar 2004 (23.03.2004)
(25) fr (26) fr
(30) CH 2003 0503/03 24 Mar/mar 2003 CH (24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • IRONING DEVICE
• DISPOSITIF DE REPASSAGE
(71) LAURASTAR S.A. [CH/CH]; rte de Pra de Plan, 1618 Châtel-St-Denis (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DENISART, Jean-Paul [CH/CH]; ch. de la Jaque 15, 1093 La Conversion sur Lutry (CH).
(74) ROLAND, André; Avenue Tissot 15, 1001 Lausanne (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F23G
(11) WO 2004/085922 (13) A2
(21) PCT/US2004/008194
(22) 17 Mar/mar 2004 (17.03.2004)
(25) en (26) en
(30) 10/391,825 19 Mar/mar 2003 US (19.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • MIXING PROCESS FOR COMBUSTION FURNACES
• PROCEDE DE MELANGE POUR FOUR A COMBUSTION
(71) MOBOTEC USA INC. [US/US]; 3468 Mount Diablo Blvd., Suite B100, Lafayette, California 94549 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MOBERG, Goran [SE/US]; 2422 Preston Grove Avenue, Cary, North Carolina 27513 (US).
(74) GLASGOW, JiNan; Glasgow Law Firm, PLLC, P.O. Box 28539, Raleigh, NC 27611-8539 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F23G 7/08, F23Q 13/00

(11) WO 2004/085923 (13) A1

(21) PCT/IB2003/001073

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fr (26) fr

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FACILITY FOR IGNITING A COMBUSTIBLE FLUID

• INSTALLATION POUR L'ALLUMAGE D'UN FLUIDE COMBUSTIBLE

(71) SN TECHNOLOGIES S.A. [CH/CH]; Rue du Pré-de-la Fontaine 19, CH-1217 Meyrin (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBERT-NICOUD, Claude [CH/CH]; 10A, Chemin Mouille-Galand, CH-1214 Vernier (CH). GOLAY, Jean-Pierre [CH/FR]; Bellosy, F-74160 Vers (FR). MULLER, Bernard [CH/CH]; 23, rue Chabrey, CH-1202 Geneva (CH).

(74) MICHELI & CIE; 122, rue de Genève, CP 61, CH-1226 Thonex (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 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F23N 5/24

(11) WO 2004/085924 (13) A1

(21) PCT/EP2004/002834

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 03006570.0 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR TEMPERATURE REGULATION/LIMITATION IN A HEAT GENERATING INSTALLATION

• DISPOSITIF DE REGULATION/LIMITATION DE TEMPERATURE POUR UNE INSTALLATION DE PRODUCTION DE CHALEUR

(71) SIEMENS BUILDING TECHNOLOGIES AG [CH/CH]; Bellerivestrasse 36, CH-8008 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOUBERT, René [DE/DE]; Ruppurrerstrasse 124, 76137 Karlsruhe (DE). LELLE, Josef [DE/DE]; Eberbachstr. 82, 76532 Baden-Baden (DE). SCHÄFER, Lothar [CH/CH]; Mühleweg 9, CH-6030 Ebikon (CH). AFFOLTER, Erhard

[CH/CH]; Scheine 74, CH-4937 Ursenbach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/08, A21B 1/26

(11) WO 2004/085925 (13) A1

(21) PCT/EP2004/002859

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 13 914.1 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR OPERATING A BAKING OVEN

• PROCEDE DE FONCTIONNEMENT D'UN FOUR DE CUISSON

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HABERKAMM, Ramona [DE/DE]; Kantstr. 18b, 83301 Traunreut (DE). KELLER, Martin [DE/DE]; Watzmannstr. 13, 83301 Traunreut (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH

GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F24D 3/16

(11) WO 2004/085926 (13) A1

(21) PCT/EP2004/003042

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 203 04 740.0 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RADIATING SURFACE STRUCTURE

• STRUCTURE DE SURFACE RAYONNANTE

(71) FRENGER SYSTEMEN BV HEIZ-UND KÜHLTECHNIK GMBH [DE/DE]; Gartenstrasse 69, 64823 Gross-Umstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MENGE, Klaus [DE/DE]; Wilhelm-Leuschner-Strasse 187, 64823 Gross-Umstadt (DE). MENGE, Hans, Werner [DE/DE]; Wilhelm-Leuschner-Strasse 187, 64823 Gross-Umstadt (DE).

(74) KEIL & SCHAAFHAUSEN; Cronstettenstrasse 66, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24D 17/00, 17/02, F24H 4/04, 1/18, 9/14

(11) WO 2004/085927 (13) A1

(21) PCT/AU2004/000365

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003901610 28 Mar/mar 2003 AU (28.03.2003)

(30) 2003904887 8 Sep/sep 2003 AU (08.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WATER HEATER/COOLER

• CHAUFFE-EAU/REFROIDISSEUR D'EAU

(71) SIDDONS STEVENS DEVELOPMENTS PTY LTD [AU/AU]; 421 Park Street, South Melbourne, Victoria 3205 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEVENS, Rodney [AU/AU]; 2/45 Horne Street, Campbellfield, Victoria 3061 (AU).

(74) MACAULEY, Colin, Douglas; Callinan Lawrie, 711 High Street, Kew, Victoria 3101 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24F

(11) WO 2004/085928 (13) A2

(21) PCT/US2004/008578

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,413 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FAN ARRAY FAN SECTION IN AIR-HANDLING SYSTEMS

• ENSEMBLE SOUFFLANTE A SERIE DE SOUFFLANTES POUR SYSTEMES DE TRAITEMENT D'AIR

(71) HUNTAIR INC. [US/US]; 11555 SW Myslony Street, Tualatin, OR 97062 (US).

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(72, 75) HOPKINS, Lawrence, G. [US/US]; 10781 SE Idleman Rd., Portland, OR 97266 (US).

(74) OSTER, Karen, Dana; Law Office of Karen Dana Oster, LLC, PMB 1020, 15450 SW Boones Ferry Rd#9, Lake Oswego, OR 97035 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24F 1/00

(11) WO 2004/085929 (13) A1

(21) PCT/JP2004/003979

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085382 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-307094 29 Aug/août 2003 JP (29.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INDOOR UNIT FOR AIR CONDITIONER

• UNITE D'INTERIEUR POUR CLIMATISEUR

(71) DAIKIN INDUSTRIES LTD. [JP/JP]; Umeda Center Building, 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) NAKAMURA, Junji [JP/JP]; c/o Daikin Industries, Ltd., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).

(74) ONO, Yukio et al. / etc.; Shinjyu Global Ip, South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24F 1/01, 13/26

(11) WO 2004/085930 (13) A1

(21) PCT/AU2003/000347

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INDUCTION DIFFUSER

• DIFFUSEUR A INDUCTION

(71) DADANCO PTY LTD [AU/AU]; Level 9, 10 Pulteney Street, Adelaide, S.A. 5000 (AU).

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(72, 75) PETROVIC, Vladimir [AU/AU]; Level 9, 10 Pulteney Street, Adelaide, S.A. 5000 (AU).

(74) MADDERN; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24H

(11) WO 2004/085931 (13) A2

(21) PCT/US2004/008240

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/455,983 19 Mar/mar 2003 US (19.03.2003)

(30) 60/534,220 5 Jan/jan 2004 US (05.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A THERMAL FLUID HEATER

• DISPOSITIF DE CHAUFFAGE DE FLUIDE THERMIQUE

(71, 72) SMITH, Thomas, M. [US/US]; 1415 Golf Road, Cinnaminson, NJ 08077 (US).

(74) PEZZNER, Ashley, I.; Connolly Bove Lodge & Hutz LLP, 1007 North Orange Street, P.O. Box 2207, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24H 3/04, F24C 1/14

(11) WO 2004/085932 (13) A1

(21) PCT/TR2003/000027

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOBILE RADIATOR

• RADIATEUR MOBILE

(71) ZASS EV ALETLERI SANAYI VE TICARET A.S. [TR/TR]; Hadimköy, Yesilbayir Ziya Aydin cad. No:9, 34555 ISTANBUL (TR).

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(72, 75) AYDIN, Siyami [TR/TR]; Hadimköy, Yesilbayir Ziya Aydin cad. No:9, 34555 ISTANBUL (TR).

(74) SEVINC, Erkan; Istanbul Patent & Trademark, Consultancy Ltd., Büyükdere cad. Gün apt. No:26/16, Mecidiyeköy, 80290 ISTANBUL (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN 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 **F25B**
- (11) **WO 2004/085933** (13) A2
- (21) PCT/FR2004/000617
- (22) **12 Mar/mar 2004 (12.03.2004)**
- (25) fr (26) fr
- (30) 0303306 **18 Mar/mar 2003** FR
(**18.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR RAPID
AND HIGH- POWER COLD PRODUC-
TION
• PROCEDE ET DISPOSITIF POUR LA
PRODUCTION DE FROID RAPIDE ET
DE FORTE PUISSANCE
- (71) **CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE** [FR/FR];
3, rue Michel-Ange, F-75016 PARIS (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SPINNER, Bernard** [FR/FR]; 228, rue
Einstein, F-66100 PERPIGNAN (FR). **STI-
TOU, Driss** [FR/FR]; 4, rue Cabrit, F-66570
ST NAZAIRE (FR). **BERTRAND, Olivier**
[FR/FR]; 8, rue du roc du midi, F-66100 PER-
PIGNAN (FR).
- (74) **SUEUR, Yvette** et al. / etc.; 109, boulevard
Haussmann, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **F25B 9/00**
- (11) **WO 2004/085934** (13) A1
- (21) PCT/JP2004/003155
- (22) **10 Mar/mar 2004 (10.03.2004)**
- (25) ja (26) ja
- (30) 2003-084248 **26 Mar/mar 2003** JP
(**26.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COOLING DEVICE
• DISPOSITIF DE REFROIDISSEMENT
- (71) **THE DOSHISHA** [JP/JP]; 601, Genbu-cho,
Karasuma-higashi-iru, Imadegawa-dori,

- Kamigyo-ku, Kyoto-shi, Kyoto 6028580
(JP).
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les États désignés sauf US)
- (72, 75) **WATANABE, Yoshiaki** [JP/JP]; 1-15-4,
Kizugawadai, Kizu-cho, Souraku-gun, Ky-
oto 6190225 (JP). **SAKAMOTO, Shinichi**
[JP/JP]; 36-1, Hujibata, Oyamazaki-cho,
Otokuni-gun, Kyoto 6180071 (JP).
- (74) **TANIGAWA, Hidekazu**; P.O. Box 53,
OMM Building 8F, 7-31, Otemae 1-chome,
Chuo-ku, Osaka-shi, Osaka 5400008 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **F25B 9/00, 9/14**
- (11) **WO 2004/085935** (13) A1
- (21) PCT/JP2004/004226
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) ja (26) ja
- (30) 2003-085650 **26 Mar/mar 2003** JP
(**26.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PULSE TUBE REFRIGERATING MA-
CHINE
• MACHINE DE REFRIGERATION A
TUBE D'IMPULSION
- (71) **AININ SEIKI KABUSHIKI KAISHA**
[JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi,
Aichi, 4488650 (JP). **CENTRAL JAPAN
RAILWAY COMPANY** [JP/JP]; 1-1-4,
Meieki, Nakamura-ku, Nagoya-shi, Aichi,
4506101 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **MITA, Hideo**, [JP/JP]; 12-17, Hi-
gashimiyodai-cho, Okazaki-shi, Aichi,
4440863 (JP). **YAMADA, Toyohisa**,
[JP/JP]; 3-9-22, Imaike-cho, Anjo-shi,
Aichi, 4460071 (JP). **IGARASI, Motohiro**,
[JP/JP]; c/o CENTRAL JAPAN RAILWAY
COMPANY 1-1-4, Meieki, Nakamura-ku,
Nagoya-shi, Aichi, 4506101 (JP). **OKU-
TOMI, Takeshi**, [JP/JP]; c/o CENTRAL
JAPAN RAILWAY COMPANY 1-1-4,
Meieki, Nakamura-ku, Nagoya-shi, Aichi,
4506101 (JP). **KUWANO, Katsuyuki**,
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COMPANY 1-1-4, Meieki, Nakamura-ku,
Nagoya-shi, Aichi, 4506101 (JP).
- (74) **OHKAWA, Hiroshi**; 2-5, Meieki 3-chome,
Nakamura-ku, Nagoya-shi, Aichi, 4500002
(JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 41/04**
- (11) **WO 2004/085936** (13) A1
- (21) PCT/JP2004/003875
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) ja (26) ja
- (30) 2003-082684 **25 Mar/mar 2003** JP
(**25.03.2003**)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • THREE-WAY VALVE, BRIDGE CIR-
CUIT, AND REFRIGERATION APPA-
RATUS WITH THE BRIDGE CIRCUIT
• SOUPAPE TROIS VOIES, CIRCUIT EN
PONT ET APPAREIL DE REFRIGERA-
TION PRESENTANT LEDIT CIRCUIT
EN PONT
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP];
Umeda Center Building, 4-12, Nakazaki-
Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka
5308323 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SHIMODA, Junichi** [JP/JP]; c/o Daikin
Industries, Ltd., Sakai Plant Kanaoka Fac-
tory, 1304, Kanaoka-cho, Sakai-shi, Osaka
5918511 (JP).
- (74) **ONO, Yukio** et al. / etc.; Shinjyu Global
IP, South Forest Bldg., 1-4-19, Minamimori-
machi, Kita-ku, Osaka-shi, Osaka 5300054
(JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/02**
- (11) **WO 2004/085937** (13) A1
- (21) PCT/KR2004/000692
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ko (26) en
- (30) 10-2003-0019732 **28 Mar/mar 2003** KR
(**28.03.2003**)
- (30) 10-2003-0019726 **28 Mar/mar 2003** KR
(**28.03.2003**)
- (30) 10-2003-0019727 **28 Mar/mar 2003** KR
(**28.03.2003**)

(30) 10-2003-0019733 **28 Mar/mar 2003** KR
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REFRIGERATOR
• REFRIGÉRATEUR

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Youngdungpo-Gu, Seoul City 150-721 (KR).
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(72, 75) KIM, Ill-Shin [KR/KR]; 1-709, Lotte Apartment, Namyang-dong, Changwon City, Gyeongsangnam-do 641-091 (KR). YU, Seon-Il [KR/KR]; 905-606, Jugong Apartment, 13, Haan-dong, Gwangmyeong City, Gyeonggi-do 423-746 (KR). SEOK, Kun-Jun [KR/KR]; 102, Juseong Art Villa, 1548-12, Seocho 3-dong, Seocho-ku, Seoul City 137-073 (KR). KWON, Yong-Chol [KR/KR]; 102-802, Cheongsol Apartment, Amin-dong, Changwon City, Gyeongsangnam-do 641-903 (KR).

(74) WOORIN PATENT FIRM; 2nd Floor, Shinwon Bldg., 823-14 Yeoksam-dong, Kangnam-gu, Seoul City 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/08, 25/00

(11) WO 2004/085938 (13) A1

(21) PCT/JP2004/003370

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-089277 **27 Mar/mar 2003** JP
(27.03.2003)

(30) 2003-089227 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REFRIGERATOR
• RÉFRIGÉRATEUR

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 1058001 (JP). TOSHIBA CONSUMER MARKETING CORPORATION [JP/JP]; 1-8, Sotokanda 1-chome, Chiyoda-ku, Tokyo 1010021 (JP). TOSHIBA HA PRODUCTS CO. LTD. [JP/JP]; 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP).
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(72, 75) IGARASHI, Shuichi [JP/JP]; c/o TOSHIBA HA PRODUCTS CO., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP). OGUNI, Yayoi [JP/JP]; c/o TOSHIBA HA PRODUCTS CO., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP). NIKI, Shigeru [JP/JP]; c/o

TOSHIBA HA PRODUCTS CO., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP). KUSUNOKI, Atsushi [JP/JP]; c/o TOSHIBA HA PRODUCTS CO., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP).

(74) TSUTADA, Akiko et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5410051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 29/00

(11) WO 2004/085939 (13) A1

(21) PCT/US2004/008260

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/394,861 **21 Mar/mar 2003** US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPACT REFRIGERATION APPARATUS
• APPAREIL COMPACT DE RÉFRIGÉRATION

(71, 72) KUPFERMAN, Christa, M. [US/US]; 3023 Greenleaf Avenue, Willmette, IL 60091 (US).

(74) LESAVICH, Steven; Lesavich High-Tech Law Group, P.C., Suite 325, 39 S. LaSalle Street, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25J 1/00

(11) WO 2004/085940 (13) A1

(21) PCT/US2004/007962

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/393,472 **20 Mar/mar 2003** US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NON-VOLATILE NATURAL GAS LIQUEFACTION SYSTEM

• SYSTÈME DE LIQUEFACTION DE GAZ NATUREL A REFRIGÉRANT NON VOLATILE

(63) US 10/393,472 (CON)
20 Mar/mar 2003 (20.03.2003)

(71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EATON, Anthony, P. [US/US]; 450 Williams Landing Drive, Sugar Land, TX 77479 (US). MARTINEZ, Bobby, D. [US/US]; 4530 Plantation Colony, Missouri City, TX 77459 (US).

(74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25J 3/04

(11) WO 2004/085941 (13) A1

(21) PCT/JP2004/004145

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-086052 **26 Mar/mar 2003** JP
(26.03.2003)

(30) 2004-002877 **8 Jan/jan 2004** JP
(08.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AIR SEPARATOR
• SEPARATEUR D'AIR

(71) AIR WATER INC. [JP/JP]; 2, Kita 3-jo Nishi 1-chome, Chuo-ku Sapporo-shi Hokkaido, 0600003 (JP).
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(72, 75) AOKI, Hiroshi [JP/JP]; c/o Air Water Inc., Headquarter 1-20-16, Higashishin-saibashi, Chuo-ku Osaka-shi Osaka, 5420083 (JP). YOSHINO, Akira [JP/JP]; c/o Air Water Inc., Headquarter 1-20-16, Higashishin-saibashi, Chuo-ku Osaka-shi Osaka, 5420083 (JP).

(74) SAITOH, Yukihiko; City Corp. Minamimorimachi 802, 2-7, Minamimorimachi 2-chome Kita-ku, Osaka-shi, Osaka, 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/28, 9/06, 21/00

(11) WO 2004/085942 (13) A1

(21) PCT/JP2004/000512

(22) 21 Jan/jan 2004 (21.01.2004)

(25) ja (26) ja

(30) 2003-079273 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LARGE-SIZED SUBSTRATE MULTI-
STAGE TYPE HEATING DEVICE
• DISPOSITIF DE CHAUFFAGE DE
TYPE A PLUSIEURS ETAGES A SUB-
STRAT DE GRANDE DIMENSION

(71) HIRATA CORPORATION [JP/JP]; 9-20,
Togoshi 3-Chome, Shinagawa-Ku, Tokyo,
1420041 (JP).
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les États désignés sauf US)

(72, 75) FUJIYOSHI, Makoto [JP/JP]; c/o
HIRATA CORPORATION 9-20, Togoshi
3-Chome Shinagawa-Ku Tokyo, 1420041
(JP).

(74) INOUE, Motohiro; 1-2-805, Saiwai
2-Chome, Ichikawa-Shi, Chiba, 2720123
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ F27B 17/02, A61C 13/20

(11) WO 2004/085943 (13) A1

(21) PCT/EP2004/003144

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 13 405.0 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DENTAL FURNACE FOR PRODUCING
COMPACTED CERAMICS
• FOUR DE TECHNIQUE DENTAIRE
POUR PRODUIRE DE LA CERAMIQUE
COMPACTEE

(71) ZUBLER GERÄTEBAU GMBH
[DE/DE]; Buchbrunnweg 26, 89081
Ulm-Jungingen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZUBLER, Kurt [DE/DE]; Ginsterweg
28, 89233 Neu-Ulm (DE).

(74) FIENER, Josef et al. / etc.; J. Fiener et col.,
Maximilianstrasse 57, Postfach 1249, 87712
Mindelheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F28D

(11) WO 2004/085944 (13) A2

(21) PCT/RO2004/000006

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) a2003-00261 26 Mar/mar 2003 RO
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REGENERATOR FOR HEAT EX-
CHANGER
• REGENERATEUR POUR ECHAN-
GEUR THERMIQUE

(71, 72) TATAR, Doru [RO/RO]; 24, Dom-
neasca, Street, apt.36, R-6200 Galati (RO).

(74) ROMINVENT S.A.; 35, Ernil Pangratti
Street, Sector 1, Bucharest (RO).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/03, F28F 3/02, 3/04

(11) WO 2004/085945 (13) A1

(21) PCT/CA2004/000430

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2,423,193 24 Mar/mar 2003 CA
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LATERAL PLATE SURFACE COOLED
HEAT EXCHANGER

• ÉCHANGEUR THERMIQUE RE-
FROIDI EN SURFACE À LAMELLES
LATÉRALES

(71) DANA CANADA CORPORATION
[CA/CA]; 656 Kerr Street, Oakville, On-
tario L6K 3E4 (CA).

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les États désignés sauf US)

(72, 75) WU, Alan Ka-Ming [CA/CA]; 66 Bech-
tel Dr., Kitchener, Ontario N2P 1S8 (CA).
MARTIN, Michael, A. [CA/CA]; 802-30
Speers Road, Oakville, Ontario L6K 2E4
(CA).

(74) RIDOUT & MAYBEE LLP; One Queen
Street East, Suite 2400, Toronto, Ontario
M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ F28D 5/00

(11) WO 2004/085946 (13) A1

(21) PCT/CH2004/000173

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 521/03 26 Mar/mar 2003 CH
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLATE HEAT EXCHANGER

• ECHANGEUR THERMIQUE A
PLAQUES

(71) MENTUS HOLDING AG [CH/CH];
Gewerbstrasse 11, CH-6330 Cham (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WEIDMANN, Urs, A. [CH/CH];
Gewerbstrasse 11, CH-6330 (CH).

(74) LIEBETANZ, Michael; Isler & Pedrazzi-
ini AG, Gothardstrasse 53, Postfach 6940,
CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/02, F28D 1/03, F02B 29/04, F28F
13/14

(11) WO 2004/085947 (13) A1

(21) PCT/EP2004/002802

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 13 684.3 26 Mar/mar 2003 DE
(26.03.2003)

(30) 103 25 763.2 5 Jun/juin 2003 DE
(05.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEAT EXCHANGER, IN PARTICULAR
AIR/AIR COOLER

• ECHANGEUR DE CHALEUR, EN PAR-
TICULIER REFROIDISSEUR AIR/AIR

(71) BEHR INDUSTRIE-TECHNIK GMBH
& CO. [DE/DE]; Heilbronner Strasse 380,
70469 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROTHENHÖFER, Horst [DE/DE];
Kirschenweg 8/2, 74348 Lauffen (DE).
SPANNEY, Philipp [DE/DE]; Tiefenbach-
strasse 95, 70329 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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 F28F 3/02

(11) WO 2004/085948 (13) A1

(21) PCT/JP2004/003804

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003-086282 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INNER FIN WITH CUTOUT WINDOW
FOR HEAT EXCHANGER

• AILETTE INTERIEURE A FENETRE
DECOUPEE POUR ECHANGEUR
THERMIQUE

(71) CALSONIC KANSEI CORP. [JP/JP];
5-24-15 Minamidai, Nakano-ku, Tokyo,
164-8602 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORISHITA, Masashi [JP/JP]; Cal-
sonic Kansei Corp., 5-24-15 Minamidai,
Nakano-ku, Tokyo 164-8602 (JP). ONUKI,
Hisashi [JP/JP]; Calsonic Kansei Corp.,
5-24-15 Minamidai, Nakano-ku, Tokyo
164-8602 (JP). KAWAI, Yoshihiro [JP/JP];
Calsonic Kansei Corp., 5-24-15 Minamidai,
Nakano-ku, Tokyo 164-8602 (JP).

(74) AYATA, Masamichi; 203 Royal-Chateau-
Kawasaki, Omiya-cho 22-2, Saiwai-ku,
Kawasaki-shi, Kanagawa-ken 212-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F41B 7/08, 11/00

(11) WO 2004/085949 (13) A1

(21) PCT/KR2003/000685

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(30) 20-2003-0008877 25 Mar/mar 2003 KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A TOY PISTOL WITH AUTOMATIC
MAGAZINE

• PISTOLET-JOUET AVEC CHARGEUR
AUTOMATIQUE

(71, 72) MOON, Tae-Kun [KR/KR]; Room
607, La-dong, Taeyang Apt., 465-2, Dap-
shipli-dong, Dongdaemun-ku, Seoul 130-030
(KR).

(74) SHIN, Young-Han; Room 902, Yeosam
Building, 648-23, Yeoksam-Dong, Kang-
nam-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
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F41G 1/387, F41C 27/06, 27/18

(11) WO 2004/085950 (13) A2

(21) PCT/EP2004/003181

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 13 919.2 27 Mar/mar 2003 DE
(27.03.2003)

(30) 103 16 545.2 10 Apr/avr 2003 DE
(10.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADAPTER

• ADAPTATEUR

(71) HECKLER & KOCH GMBH [DE/DE];
Heckler & Koch Strasse 1, 78727 Obern-
dorf/Neckar (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MURELLO, Johannes [DE/DE]; Hes-
sestrasse 20, 78652 Deisslingen (DE).

(74) VON SAMSON-HIMMELSTJERNA,
Friedrich, R. et al. / etc.; Samson & Partner,
Widenmayerstr. 5, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F42B 3/12

(11) WO 2004/085951 (13) A1

(21) PCT/JP2004/003997

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-084212 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IGNITOR ASSEMBLY

• ENSEMBLE D'ALLUMAGE

(71) DAICEL CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1, Teppo-cho., Sakai-shi, Os-
aka 5908501 (JP).
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les États désignés sauf US)

(72, 75) HARADA, Hiroshi ODA, Shin-
go KATO, Kazuhiro KINOSHITA, Gen

(74) FURUYA, Satoshi et al. / etc.; Hamacho-
Hanacho Building 6th Floor 2-17-8, Nihon-
bashi-Hamacho, Chuo-ku, Tokyo, 1030007
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 12/06, 12/20, F42C 1/12

(11) WO 2004/085952 (13) A1

(21) PCT/IB2003/001139

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROJECTILE COMPRISING A SUB-CALIBER PENETRATOR CORE
• PROJECTILE AVEC UN NOYAU DE PENETRATION SOUS-CALIBRE

(71) RUAG MUNITION [CH/CH]; Allmendstrasse 74, CH-3602 Thun (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CONRAD, Dr., Markus [CH/CH]; Matenstrasse 18b, CH-3600 Thun (CH).

(74) PPS POLYVALENT PATENT SERVICES LTD.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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)

(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 F42B 12/74, 12/78

(11) WO 2004/085953 (13) A1

(21) PCT/GB2004/001108

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 0307274.1 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • 5.56MM SMALL ARMS AMMUNITION
• MUNITION POUR ARME PORTATIVE 5,56 MM

(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) BOOTH, Derek [GB/GB]; BAE Systems RO Defence, Radway Green, Nr Crewe, Cheshire CW2 5PJ (GB).

(74) GROUP INTELLECTUAL PROPERTY DEPARTMENT; BAE SYSTEMS plc, Lancaster House, PO Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 12/74, 12/82

(11) WO 2004/085954 (13) A1

(21) PCT/GB2004/001111

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 0307272.5 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • 4.6MM SMALL ARMS AMMUNITION
• MUNITIONS POUR ARMES DE PETIT CALIBRE 4,6 MM

(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) BOOTH, Derek [GB/GB]; BAE SYSTEMS RO Defence, Radway Green, Nr Crewe, Cheshire CW2 5PJ (GB). SMITH, Adrian, David [GB/GB]; BAE SYSTEMS RO Defence, Radway Green, Nr Crewe, Cheshire CW2 5PJ (GB). ASHLEY, Robert [GB/GB]; BAE SYSTEMS RO Defence, Radway Green, Nr Crewe, Cheshire CW2 5PJ (GB).

(74) GROUP INTELLECTUAL PROPERTY DEPARTMENT; BAE SYSTEMS plc, Lancaster House, PO Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 39/20, 12/00

(11) WO 2004/085955 (13) A1

(21) PCT/SE2004/000268

(22) 27 Feb/fév 2004 (27.02.2004)

(25) sv (26) en

(30) 0300834-9 26 Mar/mar 2003 SE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ACTIVE PART COMPRISED IN AN AMMUNITION DEVICE
• PARTIE ACTIVE COMPRENANT UN DISPOSITIF DE MUNITION

(71) SAAB AB [SE/SE]; S-581 88 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLOFSSON, Göran [SE/SE]; Skjultsta, Kvarnvägen 16, S-632 29 Eskilstuna (SE).

(74) FORSBERG, Carl-Göran; Saab Bofors Support AB, Patents and Trademarks, S-691 80 Karlskoga (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B

(11) WO 2004/085956 (13) A2

(21) PCT/US2004/008410

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,025 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LASER DIGITIZER SYSTEM FOR DENTAL APPLICATIONS
• SYSTEME NUMERISEUR LASER POUR APPLICATIONS DENTAIRE

(71) D3D, L.P. [US/US]; 1161 Executive West, Richardson, TX 75081-2230 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) QUADLING, Henley [ZA/ZA]; 17200 Westgrove Dr., Apt. 2323, Addison, TX 75001 (US). QUADLING, Mark [US/US]; 4556 St. James Dr., Plano, TX 75024 (US). BLAIR, Alan [US/US]; 1980 Juliet Avenue, St. Paul, MN 55105 (US).

(74) FLERLAGE, Joseph, W.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 11/00, 11/24, 11/30

(11) WO 2004/085957 (13) A1

(21) PCT/EP2004/000295

(22) 16 Jan/jan 2004 (16.01.2004)

(25) de (26) de

(30) 103 13 191.4 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTACTLESSLY AND DYNAMICALLY DETECTING THE PROFILE OF A SOLID BODY

• PROCEDE DE DETECTION DYNAMIQUE SANS CONTACT DU PROFIL D'UN SOLIDE

(71) GUTEHOFFNUNGSHÜTTE RADSATZ GMBH [DE/DE]; Steinbrinkstrasse 170, 46145 Oberhausen (DE).

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(72, 75) HOFFMANN, Manfred [DE/DE]; Angersbachstrasse 13, 34127 Kassel (DE). WALTER, Michael, J. [DE/DE]; Baronessengweg 11, 46562 Voerde (DE). HOFFMANN, Dieter [DE/DE]; Friedhofstrasse 1, 46499 Hamminkeln (DE). BRINKMANN, Andreas [DE/DE]; Eickenhof 28, 46539 Dinslaken (DE).

(74) SOLF, Alexander et al. / etc.; Postfach 13 01 13, 42028 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01B 11/04, B29D 30/00, G06K 9/00

(11) WO 2004/085958 (13) A1

(21) PCT/US2004/008381

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,493 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WORKPIECE CONFIGURATION DETECTION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE DETECTION DE CONFIGURATION D'UNE PIECE

(71) DURR PRODUCTION SYSTEMS, INC. [US/US]; 34300 Nine Mile Road, Farmington, MI 48335 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PELLERIN, Dan [US/US]; 1372 Roberta Court, Howell, MI 48843 (US). TEPER, Boris, R. [US/US]; 29383 Breeze Wood, Farmington Hills, MI 48331 (US). HOY, Brian [US/US]; 5634 Mountain Road, Brighton, MI 48116 (US).

(74) DE GRAZIA, Gregory, D. et al. / etc.; Howard and Howard Attorneys, PC, 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304-5151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 15/00

(11) WO 2004/085959 (13) A1

(21) PCT/JP2004/000470

(22) 21 Jan/jan 2004 (21.01.2004)

(25) ja (26) ja

(30) 2003-086966 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SAMPLE OBSERVING APPARATUS, EDGE POSITION CALCULATING DEVICE, AND PROGRAM

• APPAREIL D'OBSERVATION D'ECHANTILLON, DISPOSITIF DE CALCUL DE POSITION DE BORD ET PROGRAMME

(71) ADVANTEST CORPORATION [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo, 1790071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURIBARA, Masayuki [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo, 1790071 (JP).

(74) RYUKA, Akihiro; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo, 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C

(11) WO 2004/085960 (13) A2

(21) PCT/US2004/008465

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/395,611 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WIRELINE SUBSEA METERING HEAD AND METHOD OF USE

• TETE DE MESURE SOUS-MARINE DE CABLE METALLIQUE ET SON PROCEDE D'UTILISATION

(71) OCEANEERING INTERNATIONAL, INC. [US/US]; 11911 F.M. 529, Houston, TX 77041 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PIECYK, Michael; 10 Hedgebell Court, The Woodlands, TX 77380 (US). O'SULLIVAN-BASKET, Jenelle; 16203 Green Smoke Drive, Houston, TX 77095 (US). BENSON, Dan, T.; 15418 Winterhaven, Tomball, TX 77375 (US).

(74) MAZE, Gary, R. et al. / etc.; Duane Morris LLP, 3200 Southwest Freeway, Suite 3150, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 5/00

(11) WO 2004/085961 (13) A2

(21) PCT/US2004/008138

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,823 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHODS AND APPARATUS FOR CORRECTLY ADJUSTING BAROMETRIC PRESSURE SETTINGS ON BAROMETRIC ALTIMETERS

• PROCEDES ET DISPOSITIF PERMETTANT UN REGLAGE EXACT DE LA PRESSION BAROMETRIQUE D'ALTIMETRES BAROMETRIQUES

- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

- (72) MANFRED, Mark, T.; 4445 Dunham Drive, Edina, MN 55435 (US).

- (74) HOIRIIS, David 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ G01C 15/06

(11) WO 2004/085962 (13) A1

(21) PCT/JP1994/002272

(22) 27 Dec/déc 1994 (27.12.1994)

(25) ja (26) ja

(30) 6-173197 2 Jul/juil 1994 JP (02.07.1994)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • TARGET DEVICE FOR LASER BEAM
• DISPOSITIF CIBLE POUR FAISCEAU LASER

- (71, 72) OHTOMO, Fumio [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174 (JP). HAYASHI, Kunihiko [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174 (JP).

- (74) IZUMI, Yuichi; Koto Surugadai 513, 5-6, Kandasurugadai 1-chome, Chiyoda-ku, Tokyo 101 (JP).

- (81) US.

Published / Publiée : (e): 13Jan/jan 1998 (13.01.1998), 5708748

(51)⁷ G01C 19/56, G01P 9/04

(11) WO 2004/085963 (13) A1

(21) PCT/GB2004/000694

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 0307196.6 28 Mar/mar 2003 GB (28.03.2003)

(30) 03251969.6 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A RATE SENSING DEVICE
• CAPTEUR DE VITESSE

- (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) FELL, Christopher, Paul [GB/GB]; BAE Systems Operations Limited, Clifton Road, Southway, Plymouth, Devon PL6 6DE (GB). FOX, Colin, Henry, John [GB/GB]; University of Nottingham, School of Mechanical Engineering, University Park, Nottingham NG7 2RD (GB). ROURKE, Anthony, Kevin [GB/GB]; University of Nottingham, School of Mechanical Engineering, University Park, Nottingham NG7 2RD (GB). MCWILLIAM, Stewart [GB/GB]; University of Nottingham, School of Mechanical Engineering, University Park, Nottingham NG7 2RD (GB).

- (74) BAE SYSTEMS PLC; Group Intellectual Property Department, Lancaster House, Farnborough Aerospace Centre, P.O. Box 87, Farnborough, Hampshire GU14 6YU (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 21/20, G05D 1/00

(11) WO 2004/085964 (13) A1

(21) PCT/EP2004/050179

(22) 20 Feb/fév 2004 (20.02.2004)

(25) fr (26) fr

(30) 0303894 28 Mar/mar 2003 FR (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ON-BOARD FLIGHT MANAGEMENT SYSTEM FOR AIRCRAFT

• SYSTEME EMBARQUE DE GESTION DU VOL POUR AERONEF

- (71) THALES [FR/FR]; 45 rue de Villiers, F-92200 Neuilly-sur-Seine (FR). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) CAILLAUD, Christophe [FR/FR]; Thales Intellectual Property, 31/33 Avenue Aristide Briand, F-94117 Arcueil Cedex (FR). JACQUIER, Vincent [FR/FR]; Thales Intellectual Property, 31/33 Avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

- (74) BEYLOT, Jacques; Thales, 31/33 Avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (e)

(51)⁷ G01C 21/34, G05D 1/02

(11) WO 2004/085965 (13) A1

(21) PCT/FI2004/000169

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 20030450 25 Mar/mar 2003 FI (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR AUTOMATICALLY GUIDING A MINING MACHINE

• PROCEDE POUR GUIDER AUTOMATIQUEMENT UNE MACHINE D'EXTRACTION MINIERE

- (71) SANDVIK TAMROCK OY [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MÄKELÄ, Hannu [FI/FI]; Repovuorentie 7 B D, FI-00670 Helsinki (FI).

- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G01C 21/34, G05D 1/02

(11) WO 2004/085966 (13) A1

(21) PCT/FI2004/000170

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 20030444 **25 Mar/mar 2003** FI
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR AUTOMATICALLY GUIDING A MINING MACHINE
• PROCEDE DE GUIDAGE AUTOMATIQUE D'UNE MACHINE D'EXPLOITATION MINIERE

(71) SANDVIK TAMROCK OY [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÄKELÄ, Hannu [FI/FI]; Repovuorentie 7 B D, FI-00670 Helsinki (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G01C 21/36

(11) WO 2004/085967 (13) A1

(21) PCT/DE2003/004148

(22) 16 Dec/déc 2003 (16.12.2003)

(25) de (26) de

(30) 103 12 719.4 **21 Mar/mar 2003** DE
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SIMPLIFIED, UNIVERSAL DISPLAY FOR A NAVIGATION SYSTEM
• DISPOSITIF D'AFFICHAGE SIMPLIFIÉ ET UNIVERSEL D'UN SYSTÈME DE NAVIGATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALKEMBACH, Franz [DE/DE]; Dresdener Strasse 4a, 35510 Butzbach (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AU CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01C 22/00, G05D 1/02

(11) WO 2004/085968 (13) A1

(21) PCT/FI2004/000172

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 20030440 **25 Mar/mar 2003** FI
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND CONTROL SYSTEM FOR POSITIONING A MINE VEHICLE
• PROCEDE ET SYSTEME DE COMMANDE POUR LE POSITIONNEMENT D'UN VEHICULE D'EXPLOITATION MINIERE

(71) SANDVIK TAMROCK OY [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÄKELÄ, Hannu [FI/FI]; Repovuorentie 7 B D, FI-00670 Helsinki (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G01D 3/00

(11) WO 2004/085969 (13) A2

(21) PCT/CA2004/000475

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/401,145 **28 Mar/mar 2003** US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOTELY PROGRAMMABLE INTEGRATED SENSOR TRANSMITTER
• EMETTEUR DE CAPTEUR INTEGRE PROGRAMMABLE A DISTANCE

(71) INTEMPCO CONTROLS, LTD. [CA/CA]; 2511 Guénette, St-Laurent, Québec H4R 2E9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOJEN, John [CA/CA]; 5605 Place D'Aiguillon, Montréal, Québec H4J 1L8 (CA).

(74) OGILVY RENAULT; 1981 McGill College Avenue, Suite 1600, Montréal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/24

(11) WO 2004/085970 (13) A2

(21) PCT/EP2004/050346

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 0303976 **27 Mar/mar 2003** FR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRESENCE DETECTION BY MEANS OF A CAPACITIVE SENSOR
• DETECTION DE PRESENCE PAR CAPTEUR CAPACITIF

(71) VALEO SECURITE HABITACLE [FR/FR]; 42, rue Le CORBUSIER, F-94042 CRETEIL (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUSAT, Ciprian [FR/FR]; c/o VALEO SECURITE HABITACLE, 42, rue Le Corbusier, F-94042 CRETEIL (FR). HOURNE, Xavier [FR/FR]; c/o VALEO SECURITE HABITACLE, 42, rue le CORBUSIER, F-94042 CRETEIL (FR).

(74) HERVOUET, Sylvie et al. / etc.; VALEO SECURITE HABITACLE, SPI, 42, rue Le Corbusier, F-94042 CRETEIL (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/244

(11) WO 2004/085971 (13) A1

(21) PCT/DE2003/004213

(22) 18 Dec/déc 2003 (18.12.2003)

(25) de (26) de

(30) 103 13 518.9 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POSITION MEASURING METHOD
AND POSITION MEASURING SYS-
TEM USED IN THE MULTIPLICATION
OF SIGNAL PERIODS

• PROCEDE DE MESURE DE POSITION
ET SYSTEME DE MESURE DE POSI-
TION DESTINES A LA MULTIPLICA-
TION DE PERIODES DE SIGNAUX

(71) HÜBNER ELEKTROMASCHINEN AG
[DE/DE]; Planufer 92b, 10967 Berlin (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HILLER, Bernhard [DE/DE]; Eichen-
dorffstrasse 17, 10115 Berlin (DE).

(74) GRÜNECKER KINKELDEY STOCK-
MAIR & SCHWANHÄUSSER; Leistikow-
strasse 2, 14050 Berlin (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 G01D 5/245, F16C 19/18, 19/52, 33/58,
41/00

(11) WO 2004/085972 (13) A1

(21) PCT/JP2004/003486

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-084745 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROLLING BEARING UNIT WITH EN-
CODER AND METHOD OF PRODUC-
ING THE SAME

• UNITE DE PALIER ROULANT A CO-
DEUR ET PROCEDE DE PRODUCTION
CORRESPONDANT

(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) SAKAMOTO, Junshi [JP/JP]; c/o NSK
Ltd., 1-5-50, Kugenumashinmei, Fujisawa-
shi, Kanagawa 251-0021 (JP).

(74) KAMODA, Asao et al. / etc.; Rainbow
Bldg. 8th Fl., 2-15-17, Nishi-Shimbashi,
Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01F

(11) WO 2004/085973 (13) A2

(21) PCT/EP2004/002696

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 13 499.9 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WATER-METER FITTINGS

• BOITIER DE COMPTEUR D'EAU

(71) INVENSYS METERING SYSTEMS
GMBH LUDWIGSHAFEN [DE/DE]; In-
dustriestrasse 16, 67063 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HEGE, Gerhard [DE/DE]; Saint-
Georgesstrasse 7, 67245 Lamsheim (DE).
FESSER, Ralf [DE/DE]; Lindenweg 33,
67256 Weisenheim am Sand (DE). BEHM,
Guenter [DE/DE]; Heddesheimer Strasse
12, 55545 Bad Kreuznach (DE). JUNG,
Willi [DE/DE]; Fieskostrasse 40, 67071
Ludwigshafen (DE). WESTPHAL, Jür-
gen [DE/DE]; Comeniusstrasse 22, 67071
Ludwigshafen (DE). WAGNER, Andreas
[DE/DE]; Raiffeisenstrasse 167a, 67368
Westheim (DE).

(74) MÖLL UND BITTERICH; Westring 17,
76829 Landau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/10, 15/00

(11) WO 2004/085974 (13) A1

(21) PCT/DE2004/000374

(22) 28 Feb/fév 2004 (28.02.2004)

(25) de (26) de

(30) 103 12 620.1 22 Mar/mar 2003 DE
(22.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRONIC TURBINE FLOWME-
TER FOR GAS

• DEBITMETRE A TURBINE ELECTRO-
NIQUE POUR GAZ

(71) IMETER B.V. [NL/NL]; Zonegge 1908,
NL-6903 GV Zevenaar (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHNEIDERRAT, Ralf [DE/DE];
Hahnbachweg 26, 76593 Gernsbach (DE).
RICHARDS, Raymond [NL/NL]; Zonegge
1908, NL-6903 GV Zevenaar (NL).

(74) GEITZ TRUCKENMÜLLER LUCHT;
Kriegsstrasse 234, 76135 Karlsruhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE 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)⁵ G01F 23/26

(11) WO 2004/085975 (13) A1

(21) PCT/JP1993/000683

(22) 24 May/mai 1993 (24.05.1993)

(25) ja (26) ja

(30) 4-132609 25 May/mai 1992 JP
(25.05.1992)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROSTATIC CAPACITANCE
TYPE LEVEL SENSOR

• DETECTEUR DE NIVEAU DU TYPE A
CAPACITE ELECTROSTATIQUE

(71, 72) KOGA, Sadamichi [JP/JP]; Kokudenshi
108gou, Nashinoki Pakusaido, Kabe, Ome-
shi, Tokyo 198 (JP).

(74) KUSANO, Takashi; Sagami Bldg., 2-21,
Shinjuku 4-chome, Shinjuku-ku, Tokyo 160
(JP).

(81) US.

Published / Publiée : (e): 26Dec/déc 1995
(26.12.1995), 5477727

(51)⁷ G01G 3/16, G01N 5/02

(11) WO 2004/085976 (13) A1

(21) PCT/JP2004/004103

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082829 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MASS MEASURING METHOD, CIR-
CUIT FOR EXCITING PIEZOELEC-
TRIC VIBRATORY PIECE FOR MASS
MEASUREMENT, AND MASS MEA-
SURING INSTRUMENT

- PROCEDE ET INSTRUMENT DE MESURE DE MASSE, ET CIRCUIT D'EXCITATION DE PIECE VIBRATOIRE PIEZO-ELECTRIQUE POUR MESURE DE MASSE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo, 1630811 (JP).
- (72) **KOBAYASHI, Yoshihiro**; c/o SEIKO EPSON CORPORATION 3-5, Owa 3-Chome Suwa-Shi, Nagano, 3928502 (JP).
- (74) **KAMIYANAGI, Masataka** et al. / etc.; c/o Intellectual Property Division SEIKO EPSON CORPORATION 3-5, Owa 3-Chome, Suwa-Shi, Nagano, 3928502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01J 1/04, H01K 7/00**
- (11) **WO 2004/085977** (13) A1
- (21) PCT/KR2004/000673
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10-2003-0019760 **28 Mar/mar 2003 KR (28.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LIGHTING LAMP WITH CARTRIDGE-TYPE ANION GENERATOR
- LAMPE D'ECLAIRAGE A GENERATEUR D'ANIONS DU TYPE A CAR-TOUCHE
- (71) **KEOSAN HI-TECH CO., LTD** [KR/KR]; 719-6 Gojan-dong, Namdong-gu, Incheon City 405-821 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **YU, Keum-Ja** [KR/KR]; NewSeoul apt. 109-307, 368 Songnae-dong, Sosa-gu., Bucheon-si, Gyeonggi-do 422-020 (KR).
- (74) **SHIM, Suh-Rye**; 1602-1 Samkyung Bldg., 4F. Seocho-dong, Seocho-gu, Seoul 137-070 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01J 3/00**
- (11) **WO 2004/085978** (13) A2
- (21) PCT/FR2004/000640
- (22) **16 Mar/mar 2004 (16.03.2004)**
- (25) fr (26) fr
- (30) 03/03341 **19 Mar/mar 2003 FR (19.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MEHTOD AND DEVICE FOR OPTO-ACOUSTICAL IMAGERY
- PROCEDE ET INSTALLATION D'IMAGERIE ACOUSTO-OPTIQUE
- (71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 6 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROSS, Michel, Jean** [FR/FR]; 6, rue Hoche, F-93420 Villepinte (FR).
- (74) **BURBAUD, Eric** et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 9 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **G01J 3/26, G02B 5/28**
- (11) **WO 2004/085979** (13) A1
- (21) PCT/FI2004/000165
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) fi (26) en
- (30) 20030430 **24 Mar/mar 2003 FI (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR DETERMINING THE VOLTAGE SENSITIVITY OF THE DISTANCE BETWEEN THE MIRRORS OF A FABRY-PEROT INTERFEROMETER
- PROCEDE DE DETERMINATION DE LA SENSIBILITE DE LA TENSION DE LA DISTANCE ENTRE LES MIROIRS D'UN INTERFEROMETRE FABRY-PEROT
- (71) **VAISALA OYJ** [FI/FI]; PL 26, FIN-00421 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JALONEN, Marko** [FI/FI]; Iskostie 6 A 4, FIN-01600 Vantaa (FI).
-
- HAKKARAINEN, Niina** [FI/FI]; Ruutikellartie 9 A 3, FIN-02650 Espoo (FI).
KOKKI, Matti [FI/FI]; Katinkallionkuja 4, FIN-01760 Vantaa (FI).
- (74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01J 9/02**
- (11) **WO 2004/085980** (13) A1
- (21) PCT/EP2004/003010
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 0306724.6 **24 Mar/mar 2003 GB (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • OPTICAL WAVELENGTH METER
- DISPOSITIF DE MESURE DE LA LONGUEUR D'ONDE OPTIQUE
- (71) **TSUNAMI PHOTONICS LTD** [IE/IE]; Blocks B+D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'GORMAN, Neal** [IE/IE]; Tsunami Photonics Limited, Blocks B + D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin (IE).
O'DOWD, Ronan [IE/IE]; Tsunami Photonics Limited, Blocks B + D Century Court, 100 Upper George Street, Dun Laoghaire, Dublin (IE).
- (74) **WANT, Clifford, J.** et al. / etc.; Harrison Goddard Foote, 40-43 Chancery Lane, London WC2A 1JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01K 1/14**
- (11) **WO 2004/085981** (13) A1
- (21) PCT/EP2003/003268
- (22) **28 Mar/mar 2003 (28.03.2003)**

- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • THERMOWELL AND A METHOD OF MEASURING THE TEMPERATURE OF A PIPE
- SONDE THERMOMETRIQUE ET PROCEDE DE MESURE DE LA TEMPERATURE D'UN TUYAU
- (71) BOREALIS TECHNOLOGY OY [FI/FI]; P.O. Box 330, FIN-06101 Porvoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWIN, Emil [NO/NO]; Markveien 24, N-7043 Trondheim (NO). ARNESEN, Tore [NO/NO]; Sigurd Hoidahls vei 3A, N-7056 Ranheim (NO). HØVIK, Kim Reidar [NO/NO]; Arkitekt Ebbells veg 10, N-7053 Ranheim (NO).
- (74) JACKSON, Robert et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 3/00
- (11) WO 2004/085982 (13) A1
- (21) PCT/EP2004/001729
- (22) 21 Feb/fév 2004 (21.02.2004)
- (25) de (26) de
- (30) 103 13 471.9 26 Mar/mar 2003 DE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR DETERMINING THE TORQUE OF A MOTOR
- PROCEDE PERMETTANT DE DETERMINER LE COUPLE D'UN MOTEUR
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEHR, Ingo [DE/DE]; Carl-Gordeler-Strasse 88, 60320 Frankfurt/Main (DE). FISCHER, Roland [DE/DE]; Am Taunusblick 15, 61130 Rodgau (DE). HOFFMANN, Klaus [DE/DE]; Odenwaldstrasse 22, 64342 Seeheim-Jugenheim (DE). JÄGER, Christian [DE/DE]; Haingrabenstrasse 22, 61130 Rodgau (DE). LEU, Alexander [DE/DE]; Pulvermühle 5, 65527 Niedernhausen (DE). SCHEUERMANN, Stefan [DE/DE]; Antoniusstrasse 64, 60439 Frankfurt/Main (DE). SEYER, Reinhard [DE/DE]; Falkenweg 12, 63110 Rodgau (DE). THIESEN, Ulrich-P. [DE/DE]; Neue Schule 6, 56370 Dörsdorf/Taunus (DE).

- (74) KOCHER, Klaus-Peter et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 7/04, G01K 5/36, B23K 33/00
- (11) WO 2004/085983 (13) A1
- (21) PCT/DE2004/000512
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) de (26) de
- (30) 103 13 986.9 27 Mar/mar 2003 DE (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SPRING-ELASTIC MEASURING ELEMENT COMPRISING A FLAT CONNECTING ELEMENT THAT CAN BE WELDED
- ELEMENT DE MESURE PRESENTANT L'ELASTICITE D'UN RESSORT, POURVU D'UN ELEMENT DE LIAISON PLAT SOUDABLE
- (71) ARMATURENBAU GMBH [DE/DE]; Manometerstrasse, 46487 Wesel (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RADAU, Otto [DE/DE]; Heidecker Weg 69, 47475 Kamp-Lintfort (DE).
- (74) PATENTANWÄLTE ACKMANN, MENGES & DEMSKI; Tonhallenstrasse 16, 47051 Duisburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 15/00, 27/00, 19/00
- (11) WO 2004/085984 (13) A1
- (21) PCT/US2004/007389
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) en (26) en
- (30) 10/394,524 21 Mar/mar 2003 US (21.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PRESSURE MEASUREMENT DEVICE INCLUDING AN ABSOLUTE AND AN ATMOSPHERIC PRESSURE SENSOR CONNECTED BY A BUS TO A CIRCUIT FOR CALCULATING GAGE PRESSURE
- DISPOSITIF DE MESURE DE PRESSION COMPRENANT UN CAPTEUR DE PRESSION ABSOLUE ET UN CAPTEUR DE PRESSION ATMOSPHERIQUE RELIES PAR UN BUS A UN CIRCUIT POUR LE CALCUL D'UNE PRESSION MANOMETRIQUE
- (71) ROSEMOUNT INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).
- (72) ORTH, Kelly, M.; 15621 Highview Drive, Apple Valley, MN 55124 (US). SCHUMACHER, Mark, S.; 322 East Minnehaha Parkway, Minneapolis, MN 55419 (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 AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01M 5/00, G01L 5/10, G07C 3/00
- (11) WO 2004/085985 (13) A1
- (21) PCT/DE2004/000606
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) de (26) de
- (30) 103 13 726.2 27 Mar/mar 2003 DE (27.03.2003)
- (30) 103 52 959.4 13 Nov/nov 2003 DE (13.11.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SERVICE LIFE SENSOR
- CAPTEUR DE DUREE DE VIE
- (71) THIELE GMBH & CO. KG [DE/DE]; Werkstrasse 3, 58640 Iserlohn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIENHAUS, Karl [DE/BE]; Kirchstrasse 37, B-4730 Hauset (BE).
- (74) BOCKERMANN, KSOLL, GRIEPENSTROH; Bergstrasse 159, 44791 Bochum (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01M 11/00, G01N 21/21

(11) WO 2004/085986 (13) A1

(21) PCT/US2004/008403

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/393,642 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SINGLE WAVELENGTH SWEEP POLARIZATION DEPENDENT LOSS MEASUREMENT

• MESURE DE PERTE DEPENDANT DE LA POLARISATION, A BALAYAGE UNIQUE DE LONGUEURS D'ONDES

(71) THORLABS, INC. [US/US]; 435 Route 206 North, Newton, NJ 07860 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSON, Duwayne, R. [US/US]; 34190 Hankey Road, St. Helens, OR 97051 (US). SINGH, Shailesh [IN/US]; 5610 Murray Boulevard, Apartment 38, Beaverton, OR 97005 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01M 13/04

(11) WO 2004/085987 (13) A1

(21) PCT/GB2004/001332

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307312.9 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF AND APPARATUS FOR SENSING THE CONDITION OF A DEVICE, PROCESS, MATERIAL OR STRUCTURE

• PROCEDE ET APPAREIL POUR LA DETECTION DE L'ETAT D'UN DISPOSITIF, PROCEDE, MATERIAU OU D'UNE STRUCTURE

(71) BRUNEL UNIVERSITY [GB/GB]; Uxbridge, Middlesex UB8 3PH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONES, Barry, Edward [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). AU, Yuen, Hong, Joseph [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). RAKOWSKI, Ryszard, Tadeusz [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). KAEWKONGKA, Tonphong [TH/TH]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB).

(74) WILLIAMS POWELL; Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085988 (13) A2

(21) PCT/US2004/002989

(22) 4 Feb/fév 2004 (04.02.2004)

(25) en (26) en

(30) 10/387,750 12 Mar/mar 2003 US (12.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CHEMICAL ENHANCEMENT IN SURFACE ENHANCED RAMAN SCATTERING USING LITHIUM SALTS

• AMELIORATION CHIMIQUE DANS LA DIFFUSION RAMAN EXALTEE DE SURFACE AU MOYEN DE SELS DE LITHIUM

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) SU, Xing; 21811 Granada Avenue, Cupertino, CA 95014 (US). SUN, Lei; 2335 Falling Water Court, Santa Clara, CA 95054 (US). KOO, Tae-Woong; 849 W. Orange Avenue #3015, South San Francisco, CA 94052 (US). CHAN, Selana; 65 Rio Robles East, #3015, South San Francisco, CA 95052 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafmann, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/085989 (13) A2

(21) PCT/US2004/006889

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/392,518 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DYE COMPOSITIONS WHICH PROVIDE ENHANCED DIFFERENTIAL FLUORESCENCE AND LIGHT SCATTER CHARACTERISTICS

• COMPOSITIONS DE COLORANT PRESENTANT DES CARACTERISTIQUES AMELIOREES DE FLUORESCENCE DIFFERENTIELLE ET DE DIFFUSION DE LA LUMIERE

(71) BECKMAN COULTER, INC. [US/US]; 4300 N. Harbor Blvd., Mail Code A-42-C, Fullerton, CA 92834 (US).

(72) MAPLES, John, A.; 958 N.W. 91 Terrace, Miami, FL 33138 (US). LOPEZ, Lidice, L.; 14296 S.W. 115 Terrace, Miami, FL 33186 (US). TORKE, Nancy; 19051 S.W. 197 Avenue, Miami, FL 33187 (US).

(74) ALTER, Mitchell, E.; Beckman Coulter, Inc., P.O. Box 169015, Mail Code 32-A02, Miami, FL 33116-9015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085990 (13) A2

(21) PCT/US2004/007542

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/396,941 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD FOR OBTAINING MULTI-DIMENSIONAL PROTON DENSITY DISTRIBUTIONS FROM A SYSTEM OF NUCLEAR SPINS

• PROCEDE POUR OBTENIR DES DISTRIBUTIONS MULTIDIMENSIONNELLES DE DENSITES DE PROTONS A PARTIR D'UN SYSTEME DE SPINS NUCLEAIRES

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SUN, Boqin** [US/US]; 4494 Snowberry Court, concord, CA 94521 (US). **DUNN, Keh-Jim** [US/US]; 306 Hillcrest Court, San Ramon, CA 94583 (US).

(74) **SCHULTE, Richard, J. et al.** / etc.; Chevrontexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085991 (13) A2

(21) PCT/US2004/008022

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,478 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MICROBIOLOGICAL ANALYZER USING COLORIMETRIC MEANS FOR BIOCHEMICAL COLOR AND GROWTH DETERMINATIONS

• ANALYSEUR MICROBIOLOGIQUE UTILISANT DES MOYENS COLORIMÉTRIQUES POUR DES DÉTERMINATIONS DE COULEURS ET DE CROISSANCES BIOCHIMIQUES

(71) **DADE BEHRING, INC.** [US/US]; 1717 Deerfield Road, Deerfield, IL 60015 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRINER, Christopher, Dallas** [US/US]; 4924 Meadow Pass Way, Antelope, CA 95843 (US). **MCDOWELL, Thomas, Kenneth** [US/US]; 5136 Poplar Road, Vacaville, CA 95687 (US).

(74) **TYMESON, Cynthia, G. et al.** / etc.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085992 (13) A2

(21) PCT/US2004/008424

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,269 20 Mar/mar 2003 US (20.03.2003)

(30) 10/804,968 18 Mar/mar 2004 US (18.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISTANCE OF FLIGHT SPECTROMETER FOR MS AND SIMULTANEOUS SCANLESS MS/MS

• SPECTROMÈTRE DE DISTANCE DE VOL POUR LA SPECTROMÉTRIE DE MASSE ET DE SPECTROMÉTRIE SIMULTANÉE EN TANDEM SANS BALAYAGE

(71) **SCIENCE & TECHNOLOGY CORPORATION @ UNM** [US/US]; 801 University Boulevard, S.E., Suite 101, Albuquerque, New Mexico 87106 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENKE, Christie** [US/US]; Placitas, New Mexico (US).

(74) **SANDBERG, Victoria, A.; Mueeting, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085993 (13) A2

(21) PCT/US2004/008748

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/394,327 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GENERIC INTERFACE FOR AN OPTICAL METROLOGY SYSTEM

• INTERFACE GÉNÉRIQUE POUR SYSTÈME DE MÉTROLOGIE OPTIQUE

(71) **TIMBRE TECHNOLOGIES, INC.** [US/US]; 2953 Bunker Lane, Suite 301, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Shifang** [US/US]; 5053 Rigatti Circle, Pleasanton, CA 94588 (US). **BAO, Junwei** [CN/US]; 3661 Warbler Avenue, Santa Clara, CA 95051 (US). **JAKATDAR, Nickhil** [IN/US]; 425 Rinconada Court, Los Altos, CA 94022 (US). **NIU, Xinhui** [CN/US]; 493 W. Portola Avenue, Los Altos, CA 94022 (US).

(74) **YIM, Peter, J. et al.** / etc.; Morrison & Forster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085994 (13) A2
(21) PCT/US2004/008765
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 10/395,860 21 Mar/mar 2003 US (21.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ERYTHROCYTE SEDIMENTATION RATE (ESR) TEST MEASUREMENT INSTRUMENT OF UNITARY DESIGN AND METHOD OF USING THE SAME
• INSTRUMENT DE MESURE POUR TESTER LA VITESSE DE SEDIMENTATION DES ERYTHROCYTES (ESR), DE CONCEPTION UNITAIRE, ET PROCEDE D'UTILISATION DE CET INSTRUMENT
(63) US 10/395,860 (CIP) 21 Mar/mar 2003 (21.03.2003)
(71) HEMOVATION, LLC [US/US]; 20 Carlington Drive, Greenwich, CT 06831 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BOUBOULIS, Denis, A [US/US]; 112 Camp Avenue, Darien, CT 06820 (US).
(74) PERKOWSKI, Thomas, J.; Thomas J. Perkowski, P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085995 (13) A2
(21) PCT/US2004/008798
(22) 24 Mar/mar 2004 (24.03.2004)
(25) en (26) en
(30) 10/394,230 24 Mar/mar 2003 US (24.03.2003)
(30) 60/456,961 25 Mar/mar 2003 US (25.03.2003)
(30) 60/457,996 28 Mar/mar 2003 US (28.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • ANALYTE CONCENTRATION DETECTION DEVICES AND METHODS
• DISPOSITIFS ET PROCEDES DE DETECTION DE LA CONCENTRATION D'ANALYTES
(71) ROSEDALE MEDICAL INC. [US/US]; 3000 Sandhill Hill Road, Building 4, Suite 210, Menlo Park, CA 94025 (US). HO, Wen [US/US]; 20 Elsie Drive, Plainsboro, NJ 08536 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ZANZUCCHI, Peter, J. [US/US]; 13 Jill Drive, Princeton Junction, NJ 08550 (US). DESAI, Nitin, V. [US/US]; 7 Amherst Way, Princeton Junction, NJ 08550 (US). MCBRIDE, Sterling, E. [US/US]; 11 Carlyle Court, Princeton, NJ 08540 (US). VARMA, Bobby [US/US]; 100 Wenlock Court, West Windsor, NJ 08550 (US). TSEKOUN, Alexei, Guennadiyevich [RU/US]; 13 Charlton Street, Princeton, NJ 08540 (US).
(74) DILLAHUNTY, Gene, T. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G01N
(11) WO 2004/085996 (13) A2
(21) PCT/US2004/008876
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 60/456,304 20 Mar/mar 2003 US (20.03.2003)
(30) 60/508,420 3 Oct/oct 2003 US (03.10.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • BIOMARKERS FOR LONGEVITY AND DISEASE AND USES THEREOF
• BIOMARQUEURS PERMETTANT DE DETERMINER LA LONGEVITE ET LA MALADIE ET UTILISATIONS
(71) ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY [US/US]; 1300 Morris Park Avenue, Bronx, NY 10461 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BARZILAI, Nir [US/US]; 233 Old Countr Road, Hartsdale, NY 10530 (US).
(74) MILLER, Alan, D. et al. / etc.; Amster, Rothstein & Ebenstein LLP, 90 Park Avenue, New York, NY 10016 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085997 (13) A2
(21) PCT/US2004/008879
(22) 18 Mar/mar 2004 (18.03.2004)
(25) en (26) en
(30) 10/394,951 21 Mar/mar 2003 US (21.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • DETECTING MICROBIAL CONTAMINATION IN ANIMAL BY-PRODUCTS
• DETECTION DE CONTAMINATION MICROBIENNE DANS LES SOUS-PRODUITS ANIMAUX
(71) CARGILL, INCORPORATED [US/US]; 15407 McGinty Road West, Wayzata, MN 55391 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JONES, Alison [US/US]; 19206 Joseph Court, Eden Prairie, MN 55346 (US). ROBEY, Wade [US/US]; 4051 Hallgren Court, Excelsior, MN 55331 (US).
(74) PIERING, Scott; 15407 McGinty Road West, Wayzata, MN 55391 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/085998 (13) A2
(21) PCT/US2004/009192
(22) 26 Mar/mar 2004 (26.03.2004)
(25) en (26) en

- (30) 60/458,258 **28 Mar/mar 2003** US
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • BIOMIMETIC HIERARCHIES USING FUNCTIONALIZED NANOPARTICLES AS BUILDING BLOCKS
• HIÉRARCHIES BIOMIMÉTIQUES UTILISANT DES NANOPARTICULES FONCTIONNALISÉES COMME MO-TIFS STRUCTURAUX
- (71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA [US/US]; 34th Street and Civic Center Boulevard, Philadelphia, PA 19104 (US). THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHASTRI, Venkatram, P. [IN/US]; 1134 N. Bethlehem Pike, Lower Gwynedd, PA 19002 (US). CHEN, I-Wei [US/US]; 801 Yale Avenue #403, Swarthmore, PA 19081 (US). ZNIDARSKIC, William [US/US]; 4045 Baltimore Avenue, Apt. C-1, Philadelphia, PA 19104 (US).
- (74) VOLIN, Marina, E.; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., Seven Penn Center, 12th Floor, 1635 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/08, A01K 11/00
- (11) WO 2004/085999 (13) A1
- (21) PCT/EP2004/002457
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) de (26) de
- (30) 103 13 340.2 **25 Mar/mar 2003** DE
(25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TISSUE PUNCHING DEVICE
• DISPOSITIF A POINÇONNER UN TISSU
- (71) GSF-FORSCHUNGSZENTRUM FUER UMWELT UND GESUNDHEIT, GMBH [DE/DE]; 80807 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRIELMEIER, Markus [DE/DE]; Radeberger Weg 14, 85748 Garching (DE). SCHMIDT, Joerg [DE/DE]; Lerchenfeldstrasse 30, 80538 München (DE).
- (74) CHARLES, Glyndwr; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 31, 80801 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁶ G01N 1/28, C12M 1/00, G01N 35/02
- (11) WO 2004/086000 (13) A1
- (21) PCT/JP1998/002658
- (22) 15 Jun/juin 1998 (15.06.1998)
- (25) ja (26) ja
- (30) 9-163724 **20 Jun/juin 1997** JP
(20.06.1997)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • INCUBATOR AND ANALYZER PROVIDED WITH THE SAME
• INCUBATEUR ET ANALYSEUR EQUIPE DUDIT INCUBATEUR
- (71, 72) UEMATSU, Hiroaki [JP/JP]; c/o Toyo Boseki Kabushiki Kaisha, Research Institute, 1-1, Katata 2-chome, Otsu-shi, Shiga 520-0243 (JP). INAKAJIMA, Takashi [JP/JP]; c/o Toyo Boseki Kabushiki Kaisha, Research Institute, 1-1, Katata 2-chome, Otsu-shi, Shiga 520-0243 (JP). ARAI, Tatsuo [JP/JP]; c/o Furuno Electric Company, Limited, 9-52, Ashihara-Cho, Nishinomiya-shi, Hyogo, 662-8580 (JP). OKUMOTO, Keiji [JP/JP]; c/o Furuno Electric Company, Limited, 9-52, Ashihara-Cho, Nishinomiya-shi, Hyogo, 662-8580 (JP).
- (74) KAJI, Yoshiyuki; Recruit Shin Osaka Bldg., 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) US.
- Published / Publiée : (e): 14Nov/nov 2000 (14.11.2000), 6146882
-
- (51)⁷ G01N 1/30
- (11) WO 2004/086001 (13) A1
- (21) PCT/US2004/008609
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 10/394,996 **21 Mar/mar 2003** US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SIMULTANEOUS REMOVAL OF EMBEDDING MEDIA AND FIXATION OF BIOLOGICAL SAMPLES ON AUTOMATED INSTRUMENTS FOR SAMPLE PREPARATION
• ELIMINATION DE MILIEUX D'INCLUSION ET FIXATION D'ECHANTILLONS BIOLOGIQUES REALISEES SIMULTANEMENT SUR DES INSTRUMENTS AUTOMATISES DE PREPARATION D'ECHANTILLONS

- (71) VENTANA MEDICAL SYSTEMS, INC. [US/US]; 1910 Innovation Park Drive, Tucson, AZ 85737 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOPKINS, Keri [US/US]; 15778 N. Equestrian Trail, Tucson, AZ 85739 (US). PUSCH, Alexis [FR/FR]; 8, rue de la République, F-67190 Still (FR). WOLF, Catherine [FR/FR]; 16, rue du General Leclerc, F-67201 Eckbolsheim (FR). HARTMAN, Anthony [US/US]; 8932 N. Spinel Place, Tucson, AZ 85749 (US). PETTAY, James [US/US]; 28734 Osborn Road, Bay Village, OH 44140 (US). CHRISTENSEN, Kimberly [US/US]; 8742 West Waverly, Tucson, AZ 85712 (US). MACREA, Ethel [US/US]; 22191 S. Branch Road, Tucson, AZ 85739 (US). SEBASTIAO, Noemi [CA/US]; 7318 N. Mountain Shadows, Tucson, AZ 55718 (US).
- (74) HUGHES, A., Blair; McDonnell Boehnen Hulbert & Berghoff LLP, 300 S. Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/00
- (11) WO 2004/086002 (13) A1
- (21) PCT/US2004/008531
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,517 **21 Mar/mar 2003** US
(21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • RESONATOR SENSOR ASSEMBLY
• ENSEMBLE RESONATEUR-DETECTEUR
- (71) SYMYX TECHNOLOGIES, INC. [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOLOSOV, Oleg [US/US]; 1045 Arlington Lane, San Jose, CA 95129 (US). MATSIEV, Leonid [RU/US]; 1060 Alderbrook Lane, San Jose, CA 94063 (US). VARNI, John, F. [US/US]; 16566 Topping Way, Los Gatos, CA 95032 (US). DALES, G. Cameron [US/US]; 18540 Perego Way, Saratoga, CA 95070 (US).
- (74) DOBRUSIN, Eric, M.; Dobrusin & Then-nisch PC, 401 South Old Woodward Avenue, Suite 311, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 9/00

(11) WO 2004/086003 (13) A1

(21) PCT/US2004/008552

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,517 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RESONATOR SENSOR ASSEMBLY

• ENSEMBLE DETECTEUR A RESONA-
TEUR

(71) SYMYX TECHNOLOGIES, INC.
[US/US]; 3100 Central Expressway, Santa
Clara, CA 95051 (US). HELLA KG
HUECK & CO.; Plant 2, Beckumer Strass
130, 59552 Lippstadt (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOLOSOV, Oleg [RU/US]; 1045 Ar-
lington Lane, San Jose, CA 95129 (US).
MATSIEV, Leonid [RU/US]; 1060 Alder-
brook Lane, San Jose, CA 94063 (US).
VARNI, John, F. [US/US]; 16566 Topping
Way, Los Gatos, CA 95032 (US). DALES,
G., Cameron [US/US]; 18540 Perego
Way, Saratoga, CA 95070 (US). LUDTKE,
Olaf [DE/DE]; Dorfstr. 25, 27729 Voller-
sode-Wallhofen (DE). WULLNER, Dirk
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(DE). BUHRDORF, Andreas [DE/DE]; Im
Grunen Winkel 70, 28201 Bremen (DE).
DOBRINSKI, Heiko [DE/DE]; Millstatter
Str. 3, 28359 Bremen (DE).

(74) DOBRUSIN, Eric, M.; Dobrusin & Then-
nisch PC, Suite 311, 401 South Old Wood-
ward Avenue, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 13/00

(11) WO 2004/086004 (13) A1

(21) PCT/US2004/009193

(22) 27 Mar/mar 2004 (27.03.2004)

(25) en (26) en

(30) 60/458,905 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STATIC DIFFUSION CELL FOR DIFFU-
SION SAMPLING SYSTEMS

• CELLULE DE DIFFUSION
STATIQUE POUR SYSTEMES
D'ECHANTILLONNAGE PAR
DIFFUSION

(71) ALZA CORPORATION [US/US]; 1900
Charleston Road, M10-3B, P.O. Box 7210,
Mountain View, CA 94039-7210 (US).
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les États désignés sauf US)

(72, 75) YANG, Hua [US/US]; 1354 Marlin A-
venue, Foster City, CA 94404 (US). IMBERT,
Delphine, Caroline [US/US]; 10340 Lock-
wood Drive, Cupertino, CA 95014 (US).

(74) WEBB, Samuel, E. et al. / etc.; Alza Corpo-
ration, c/o Johnson & Johnson, One Johnson
& Johnson Plaza, WH3221, New Brunswick,
NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51) G01N 15/02, G06T 7/00, G01N 33/483

(11) WO 2004/086005 (13) A1

(21) PCT/JP2004/003894

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-080295 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2003-116411 22 Apr/avr 2003 JP
(22.04.2003)

(30) 2003-365383 27 Oct/oct 2003 JP
(27.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANALYSIS DEVICE AND METHOD
FOR CELL COUNT IN THE ANALYSIS
DEVICE

• DISPOSITIF D'ANALYSE ET PRO-
CEDE DE NUMERATION CEL-
LULAIRE DANS LE DISPOSITIF
D'ANALYSE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMADA, RyosukeHYOUDOU,
MasatakeFUJII, Yoshiyuki

(74) MORIMOTO, Yoshihiro; All Nippon Air-
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10-10, Nishi-Hommachi 1-chome, Nishi-ku,
Osaka-shi, Osaka 5500005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 15/06, 22/00, 23/12, 9/24

(11) WO 2004/086006 (13) A1

(21) PCT/DE2004/000595

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 13 116.7 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR DETER-
MINING THE SOLID CONTENT IN A
SUSPENSION

• PROCEDE ET DISPOSITIF POUR DE-
TERMINER LA TENEUR EN SOLIDES
DANS UNE SUSPENSION

(71) KATZ, Elisabeth [DE/DE]; Ahornweg 8,
72226 Simmersfeld (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(71) KLEIN, Albert [DE/DE]; Ahornweg 8,
72226 Simmersfeld (DE).
(only for / seulement pour US)

(74) SCHÖN, Thilo; Mayer Frank Schön,
Schwarzwaldstrasse 1A, 75173 Pforzheim
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 15/08

(11) WO 2004/086007 (13) A1

(21) PCT/JP2004/002703

(22) 4 Mar/mar 2004 (04.03.2004)

- (25) ja (26) ja
- (30) 2003-082160 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR INSPECTING HONEYCOMB STRUCTURE
- PROCEDE ET DISPOSITIF D'EXAMEN D'UNE STRUCTURE EN NID D'ABEILLE
- (71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYASHITA, Koichi [JP/JP]; c/o Ngk Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP). MORI, Shinya [JP/JP]; c/o Ngk Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).
- (74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo, 1110053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/08
- (11) WO 2004/086008 (13) A1
- (21) PCT/JP2004/003102
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) ja (26) ja
- (30) 2003-080107 **24 Mar/mar 2003 JP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR MEASURING PORE SIZE OF POROUS FILTER MATERIAL
- PROCEDE DE MESURE DE LA TAILLE DES PORES D'UN MATERIAU FILTRANT POREUX
- (71) NGK INSULATORS LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Tomonori [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).
- (74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo, 1110053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/00
- (11) WO 2004/086009 (13) A2
- (21) PCT/FR2004/000679
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) fr (26) fr
- (30) 03/03437 **20 Mar/mar 2003 FR (20.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • DEVICE FOR THE DETECTION OF HOLES IN CONTINUOUSLY-ADVANCING BANDS OF MATERIAL
- DISPOSITIF DE DETECTION DE TROUS DANS DES MATERIAUX DEFILANT EN BANDES CONTINUES
- (71) ARCK ELECTRONIQUE [FR/FR]; 2, rue Hermès, F-31520 Ramonville Saint Agne (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOULAS, Benoît [FR/FR]; Les Buis, Chemin des Combes, F-31140 Aucamville (FR). GEYRE, Pascal [FR/FR]; 16, rue des Mailhols, F-31600 Muret (FR). BROUANT, Marc [FR/FR]; La Serre, F-11410 Marquain (FR).
- (74) CELANIE, Christian; Cabinet Célanie, 13, route de la Minière, B.P. 214, F-78002 Versailles Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/27, 21/03
- (11) WO 2004/086010 (13) A1
- (21) PCT/JP2003/003528
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ABSORBANCE READER, ABSORBANCE READER CONTROL METHOD, AND ABSORBANCE CALCULATION PROGRAM

- LECTEUR D'ABSORBANCE, PROCEDE DE COMMANDE DE LECTEUR D'ABSORBANCE, ET PROGRAMME DE CALCUL D'ABSORBANCE
- (71) HITACHI SOFTWARE ENGINEERING CO., LTD. [JP/JP]; 1-43, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0045 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) TAMIYA, Eiichi [JP/JP]; c/o Tamiya Laboratory, School of Materials Science, Japan Advanced Institute of Science and Technology, 1-1, Asahidai, Tatsunokuchimachi, Nomi-gun, Ishikawa 923-1292 (JP).
- (72, 75) TANAKA, Toshiaki [JP/JP]; c/o Hitachi Software Engineering Co., Ltd., 12-7, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo 140-0002 (JP). MORITA, Toshiaki [JP/JP]; c/o Hitachi Software Engineering Co., Ltd., 12-7, Higashishinagawa 4-chome, Shinagawa-ku, Tokyo 140-0002 (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) 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 21/35
- (11) WO 2004/086011 (13) A1
- (21) PCT/JP2004/003634
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) ja (26) ja
- (30) 2003-082466 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND EQUIPMENT FOR JUDGING TARGET BY TERA HELTZ WAVE SPECTROMETRY
- PROCEDE ET MATERIEL D'ESTIMATION DE CIBLE PAR SPECTROMETRIE PAR ONDES HERTZIENNES
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATANABE, Yuki [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). KAWASE, Kodo [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). IKARI, Tomofumi [—/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).
- (74) HOTTA, Minoru; ASA INTERNATIONAL PATENT FIRM, 4F, Kenchiku Kaikan, 26-20, Shiba 5-chome, Minato-ku, Tokyo, 1080014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/77, 21/64

(11) WO 2004/086012 (13) A1

(21) PCT/FR2004/000652

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03/03540 24 Mar/mar 2003 FR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR MEASURING FLUORESCENCE AT A PLURALITY OF ZONES TO BE MONITORED

• DISPOSITIF DE MESURE DE FLUORESCENCE D'UNE PLURALITE DE ZONES A OBSERVER

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIZO, Philippe [FR/FR]; 25, chemin de Chantemerle, F-38700 La Tronche (FR).
BOUTET, Jérôme [FR/FR]; 4/6, avenue Aristide Briand, Résidence Le Botticelli, Apt. 119, F-38600 Fontaine (FR).
PERRAUT, François [FR/FR]; Les Nesmes, F-38134 Saint Joseph de Rivière (FR).
PELTIE, Philippe [FR/FR]; Vers Le Mont, F-38760 Saint Paul De Varcès (FR).

(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, Boîte postale 1537, F-38025 Grenoble Cédex 1 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/898, 21/89, G06K 9/46

(11) WO 2004/086013 (13) A1

(21) PCT/EP2004/003243

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 13 983.4 27 Mar/mar 2003 DE (27.03.2003)

(30) 103 41 318.9 8 Sep/sep 2003 DE (08.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR INSPECTING THE QUALITY CRITERIA OF FLAT TEXTILE STRUCTURES EMBODIED IN A MULTILAYER FORM ACCORDING TO A CONTOUR

• PROCEDE POUR CONTROLER LES CRITERES DE QUALITE DE STRUCTURES TEXTILES PLANES, REALISEES EN PLUSIEURS COUCHES ET SELON UN CONTOUR

(71) MAHLO GMBH & CO. KG [DE/DE]; Donaustasse 12, 93342 Saal/Donau (DE).
BST BERGER SAFETY TEXTILES GMBH & CO. KG [DE/DE]; Höllsteiner Strasse 25, 79689 Maulburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAUL, Robert [DE/DE]; Hirtwiesen 7, 86316 Friedberg-Wiffertshausen (DE).
RUSCHULTE, Jörg [DE/DE]; Bühlweg 1, 79736 Rickenbach (DE).

(74) KRUSPIG, Volkmar et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/95, 21/88, G06T 7/00

(11) WO 2004/086014 (13) A1

(21) PCT/US2004/007904

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/393,341 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR AUTOMATICALLY DETECTING DEFECTS IN REMOTE VIDEO INSPECTION APPLICATIONS

• PROCEDE ET SYSTEME DESTINES A DETECTER AUTOMATIQUEMENT DES DEFECTS DANS DES APPLICATIONS D'INSPECTION VIDEO A DISTANCE

(71) WELCH ALLYN, INC. [US/US]; 4341 State Street Road, Skaneateles Falls, NY 13153 (US).

(71, 72) KARPEN, Thomas, W. [US/US]; 3534 Mill Run Terrace, Skaneateles, NY 13152 (US).
BENDALL, Clark, A. [US/US]; 4914 Cornish Heights Parkway, Syracuse, NY 13215 (US).
SALVATI, Jon, R. [US/US]; 3552 Count Line Road, Skaneateles, NY 13152 (US).

(74) BILINSKI, Peter, J.; Wall Marjama & Bilinski LLP, 101 South Salina Street, Suite 400, Syracuse, NY 13202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/956, G01B 11/25

(11) WO 2004/086015 (13) A2

(21) PCT/US2004/008670

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/392,758 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INSPECTION SYSTEM, ILLUMINATION APPARATUS AND METHOD FOR USE IN IMAGING SPECULAR OBJECTS BASED ON ILLUMINATION GRADIENTS

• SYSTEME D'EXAMEN OPTIQUE, APPAREIL ET PROCEDE D'ECLAIRAGE POUR L'IMAGERIE D'OBJETS SPECULAIRES SUR LA BASE DE GRADIENTS DE LUMIERE

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAER, Richard, L. [US/US]; 1280 Colonial Oaks Drive, Los Altos, CA 94024 (US).
ZHANG, Xuemei [CN/US]; 104 Mag-nolia Lane, Mountain View, CA 94043 (US).
VOOK, Dietrich, W. [US/US]; 575 Tyndall Street, #2, Los Altos, CA 94022 (US).

(74) HARDCASTLE, Ian; Agilent Technologies, Inc., Legal Dept. DL 429, Intellectual Property Administration, P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 21/956, G01R 31/309

(11) WO 2004/086016 (13) A1

(21) PCT/US2004/008671

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/393,413 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • OPTICAL INSPECTION SYSTEM AND METHOD FOR DISPLAYING IMAGED OBJECTS IN GREATER THAN TWO DIMENSIONS
- SYSTEME D'EXAMEN OPTIQUE ET PROCEDE POUR L'AFFICHAGE DES OBJETS D'IMAGERIE EN AU MOINS 3 DIMENSIONS

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAHON, James [IE/IE]; 137 St. Mobhi Road, Dublin 9 (IE). ROSNER, Jeffrey, S. [US/US]; 1235 College Avenue, Palo Alto, CA 94306 (US). BAHARAV, Izhak [IS/US]; 251 Scripps Court, Palo Alto, CA 94022 (US). ZHANG, Xuemei [CN/US]; 104 Magnolia Lane, Mountain View, CA 94043 (US).

(74) HARDCASTLE, Ian; Agilent Technologies, Inc., Legal Dept. DL 429, Intellectual Property Administration, P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 23/04

(11) WO 2004/086017 (13) A1

(21) PCT/JP2004/003743

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-085066 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • X-RAY IMAGING DEVICE

- DISPOSITIF DE FORMATION D'IMAGES RADIOLOGIQUES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OMORI, Koichi NISHIHARA, Manabu YONEDA, Toshikazu BABA, Sueki

(74) IWAHASHI, Fumio et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 23/23

(11) WO 2004/086018 (13) A1

(21) PCT/JP2004/003233

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-086950 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • X-RAY FLUORESCENCE ANALYZER

- ANALYSEUR PAR FLUORESCENCE X

(71) RIGAKU INDUSTRIAL CORPORATION [JP/JP]; 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOHNO, Hisayuki [JP/JP]; c/o RIGAKU INDUSTRIAL CORPORATION, 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP). SHOJI, Takashi [JP/JP]; c/o RIGAKU INDUSTRIAL CORPORATION, 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP). DOI, Makoto [JP/JP]; c/o RIGAKU INDUSTRIAL CORPORATION, 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP).

(74) SUGIMOTO, Shuji et al. / etc.; Higobashi Nittai Bldg. 10-2, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/50

(11) WO 2004/086019 (13) A1

(21) PCT/DE2004/000672

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 15 228.8 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR DETERMINING THE FIRE PERFORMANCE OF MATERIALS

- PROCEDE PERMETTANT DE DETERMINER LE COMPORTEMENT AU FEU DE MATERIAUX

(71) INSTITUT FÜR POLYMER-FORSCHUNG DRESDEN E.V. [DE/DE]; Hohe Str. 6, 01069 Dresden (DE).

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(74) RAUSCHENBACH, Marion; PF 27 01 75, Bienertstr. 15, 01172 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 10/394,543 21 Mar/mar 2003 US
(21.03.2003)(30) 60/456,517 21 Mar/mar 2003 US
(21.03.2003)(30) 60/456,767 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPLICATION SPECIFIC INTEGRATED CIRCUITRY FOR CONTROLLING ANALYSIS OF A FLUID

- CIRCUIT INTEGRE SPECIFIQUE A UNE APPLICATION POUR COMMANDER L'ANALYSE D'UN FLUIDE

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(74) **PENILLA, Albert, S. et al. / etc.;** Martine & Penilla, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94085 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/00

(11) WO 2004/086021 (13) A2

(21) PCT/US2004/009537

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/457,754 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,761 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR ANALYZING MIXTURES OF GASES

• APPAREIL DESTINE A L'ANALYSE DE MELANGES DE GAZ

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(72, 75) **MORRIS, Patricia, A.** [US/US]; Post Office Box 532, Montchanin, DE 19710 (US). **MCCARRON, Eugene, Michael, III** [US/US]; 3940 Centerville Road, Greenville, DE 19807 (US). **PIOVOSO, Michael, Joseph** [US/US]; 731 Shropshire Drive, West Chester, PA 19382 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/12

(11) WO 2004/086022 (13) A1

(21) PCT/IL2004/000247

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/395,862 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD FOR DETECTING HIDDEN CORROSION AND A MOISTURE SENSOR FOR USE IN SAME

• PROCEDE SERVANT A DETECTER UNE CORROSION CACHEE ET DETECTEUR D'HUMIDITE ASSOCIE

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 103 13 746.7 27 Mar/mar 2003 DE (27.03.2003)

(30) 103 47 794.2 14 Oct/oct 2003 DE (14.10.2003)

(30) 102004003187.8 22 Jan/jan 2004 DE (22.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SENSOR

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/407, 27/417

(11) WO 2004/086024 (13) A1

(21) PCT/US2004/008792

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/393,378 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OXYGEN ANALYZER WITH CALIBRATION AND BLOW-BACK

• ANALYSEUR D'OXYGÈNE AVEC ÉTALONNAGE ET REFOULEMENT

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(74) **CHAMPLIN, Judson K. et al. / etc.;** Westman, Champlin & Kelly, P.A., Suite 1600 - International centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 27/414, H01L 29/80

(11) WO 2004/086025 (13) A1

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(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-082986 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • p CHANNEL FILED EFFECT TRANSISTOR AND SENSOR USING THE SAME

- TRANSISTOR A EFFET DE CHAMP A CANAL P ET CAPTEUR METTANT EN OEUVRE CELUI-CI
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
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- (74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 27/90
- (11) WO 2004/086026 (13) A2
- (21) PCT/CA2004/000265
- (22) 25 Feb/fév 2004 (25.02.2004)
- (25) en (26) en
- (30) 10/395,244 25 Mar/mar 2003 US (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR TESTING PRE-STRESSED CONCRETE PIPES
• PROCEDE D'ESSAI DE CONDUITES EN BETON PRECONTRAINTE
- (71, 72) ATHERTON, David, L. [CA/CA]; 2012 Morrison Road, RR#2 Perth Road, Ontario K0H 2L0 (CA).
- (74) HICKS, Richard, J.; P.O. Box 595, Kingston, Ontario K7L 4X1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 29/00
- (11) WO 2004/086027 (13) A2
- (21) PCT/US2004/008526
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,767 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MECHANICAL RESONATOR
• RESONATEUR MECANIQUE
- (71) SYMYX TECHNOLOGIES, INC. [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US).
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- (74) DOBRUSIN, Eric, M.; Dobrusin & Then-nisch PC, Suite 311, 401 South Old Wood-ward Avenue, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 29/18
- (11) WO 2004/086028 (13) A1
- (21) PCT/JP2004/004315
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-086468 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SENSOR HEAD, GAS SENSOR AND SENSOR UNIT
• TETE DE DETECTEUR, DETECTEUR DE GAZ ET UNITE DE DETECTION
- (71) TOPPAN PRINTING CO., LTD [JP/JP] BALL SEMICONDUCTOR LTD. [JP/JP]
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 30/48
- (11) WO 2004/086029 (13) A1
- (21) PCT/JP2004/004271
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-085487 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEPARATING AGENT FOR CHROMATOGRAPHY AND PROCESS FOR PRODUCING THE SAME
• AGENT DE SEPARATION POUR CHROMATOGRAPHIE ET PROCEDE DE PRODUCTION DE CET AGENT
- (71) DAICEL CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 5900905 (JP). NAGOYA INDUSTRIAL SCIENCE RESEARCH INSTITUTE [JP/JP]; 10-19, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 4600008 (JP).
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- (74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building, 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 1030004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/086030 (13) A1
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- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) de (26) de
- (30) 103 13 639.8 26 Mar/mar 2003 DE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)

(54) • GAS SENSOR MODULE WITH CONTACTLESS INTERFACE

• MODULE DE DETECTION DE GAZ
EQUIPE D'UNE INTERFACE SANS
CONTACT

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 0307076.0 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS

• PROCEDES

(71) IMPERIAL COLLEGE INNOVATIONS
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 33/34, 21/55

(11) WO 2004/086032 (13) A1

(21) PCT/CA2004/000434

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2,423,756 27 Mar/mar 2003 CA
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PULP PRODUCTION FINISHING LINE
QUALITY SENSOR

• DETECTEUR DE QUALITE DE LIGNE
DE FINISSAGE DE PRODUCTION DE
PATE A PAPIER

(71) ALBERTA RESEARCH COUNCIL INC.
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(74) FREEDMAN, Gordon; Freedman & Asso-
ciates, 117 Centrepointe Drive, Suite 350, Ne-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL 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 33/48

(11) WO 2004/086033 (13) A2

(21) PCT/EP2004/002731

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03006846.4 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS
FOR DISEASES ASSOCIATED WITH
ENDOTHELIAL DIFFERENTIATION,
SPHINGOLIPID G-PROTEIN-COU-
PLED RECEPTOR 6(EDG6)

• PROCEDES DIAGNOSTIQUES ET
THERAPEUTIQUES DESTINES AUX
MALADIES ASSOCIEES A LA DIF-
FERENTIATION ENDOTHELIALE ET
RECEPTEUR 6 (EDG6) SPHINGOLI-
PIDE COUPLE A LA PROTEINE G

(71) BAYER HEALTHCARE AG [DE/DE];
51368 Leverkusen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmanns-
mühle 46, 45326 Essen (DE). BRÜGGE-
MEIER, Ulf [DE/DE]; Leysiefen 20, 42799
Leichlingen (DE). GEERTS, Andreas
[DE/DE]; Schuckertstr. 29, 42113 Wuppertal
(DE).

(74) BAYER HEALTHCARE AG; Law and
Patents, Patents and Licensing, 51368 Lev-
erkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 33/48

(11) WO 2004/086034 (13) A2

(21) PCT/EP2004/002732

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03006850.6 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS
FOR DISEASES ASSOCIATED WITH
G-PROTEIN-COUPLED RECEPTOR
ADENOSINE A3(ADORA3)

- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES POUR MALADIES ASSOCIEES AU RECEPTEUR ADENOSINE A3 COUPLE A LA PROTEINE G (ADORA3)

(71) BAYER HEALTHCARE AG [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). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE). THIELE, Ralf [DE/DE]; Ebbinghauser Str. 13, 33178 Borcheln (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 2004/086035 (13) A1

(21) PCT/EP2004/002733

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03006849.8 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HEPsin (HPN)

- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES POUR MALADIES ASSOCIEES A L'HEPSINE (HPN)

(71) BAYER HEALTHCARE AG [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). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE). POLEJ, Stefanie [DE/DE]; Feldstr. 10, 78315 Radolfzell (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/50, 33/15, C12Q 1/02

(11) WO 2004/086036 (13) A1

(21) PCT/JP2004/004093

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083686 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF SCREENING SUBSTANCE INTERACTING WITH ABC PROTEIN

- PROCEDE DE CRIBLAGE D'UNE SUBSTANCE INTERAGISSANT AVEC UNE PROTEINE ABC

(71) THE CIRCLE FOR THE PROMOTION OF SCIENCE AND ENGINEERING [JP/JP]; 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YABUCHI, Hikaru [JP/JP]; c/o GenoMembrane, Inc., 71-1, Onocho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0046 (JP). ISHIKAWA, Toshihisa [JP/JP]; c/o Tokyo Institute of Technology, 4259, Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-8502 (JP).

(74) HIROTA, Masanori; 3F, Wakabayashi Building, 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/52

(11) WO 2004/086037 (13) A1

(21) PCT/JP2004/004024

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-087812 27 Mar/mar 2003 JP (27.03.2003)

(30) 2003-379492 10 Nov/nov 2003 JP (10.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEST PAPER AND POROUS MEMBRANE

- PAPIER DE TEST ET MEMBRANE POREUSE

(71) TERUMO KABUSHIKI KAISHA [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TATEBE, Ken [JP/JP]; c/o Terumo kabushiki kaisha 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa, 2590151 (JP). Ooba, Katsuyuki [JP/JP]; c/o Terumo kabushiki kaisha 1727-1, Tsuijiarai, Showa-cho, Nakakoma-gun, Yamanaishi, 4093853 (JP).

(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo, 1010032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/086038 (13) A2

(21) PCT/EP2004/004021

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,913 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD FOR SCREENING COMPOUNDS HAVING THE CAPACITY TO CONTROL TUMOR CELL INVASION OR METASTASIS USING CONSTITUTIVELY ACTIVE AKT

- PROCEDE DE CRIBLAGE DE COMPOSES AYANT LA CAPACITE DE REGULER UNE INVASION CELLULAIRE TUMORALE OU UNE METASTASE AU MOYEN D'UNE AKT ACTIVE PAR CONSTITUTION

(71) INSTITUT CURIE [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). FOX CHASE CANCER CENTER [US/US]; 333 Cottman Avenue, Philadelphia, PA 19111-2497 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LARUE, Lionel [FR/FR]; 6, allée des Paquerettes, F-91440 Bures sur Yvette (FR).

(74) DESAIX, Anne 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 BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 33/567, 33/68, C07K 14/47, 5/02
- (11) WO 2004/086039 (13) A2
- (21) PCT/IB2004/001318
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/457,572 27 Mar/mar 2003 US (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD FOR MODULATING NOD1 ACTIVITY, USE OF A MTP RELATED MOLECULE FOR MODULATING NOD1 ACTIVITY, AND THERAPEUTIC APPLICATIONS THEREOF
- PROCEDE DE MODULATION DE L'ACTIVITE DE NOD1, UTILISATION D'UNE MOLECULE ASSOCIEE AU MURAMYLE TRIPEPTIDE AFIN DE MODULER L'ACTIVITE DE NOD1, ET APPLICATIONS THERAPEUTIQUES
- (71) INSTITUT PASTEUR [FR/FR]; 25-28, rue du Docteur Roux, F-75015 Paris (FR). INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE [FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANSONETTI, Philippe [FR/FR]; 131, boulevard Brune, F-75014 Paris (FR). GIRARDIN, Stephen [FR/FR]; 76, rue de Fontenay, F-94300 Vincennes (FR). PHILPOTT, Dana [GB/FR]; 76, rue de Fontenay, F-94300 Vincennes (FR). BONECA, Ivo [PT/FR]; 71 avenue Guy Mocquet, F-94400 Vitry Sur Seine (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
- (11) WO 2004/086040 (13) A1
- (21) PCT/JP2004/004083
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-080763 24 Mar/mar 2003 JP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LATEX REAGENT FOR ADIPONECTIN ANALYSIS AND METHOD OF ADIPONECTIN ANALYSIS
- REACTIF AU LATEX POUR ANALYSE D'ADIPONECTINE ET PROCEDE D'ANALYSE D'ADIPONECTINE
- (71) MITSUBISHI KAGAKU IATRON, INC. [JP/JP]; 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP). OTSUKA PHARMACEUTICAL CO., LTD. [JP/JP]; 9, Kandatsukasa-cho 2-chome, Chiyoda-ku, Tokyo 1018535 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TACHIKAWA, Tetsuya [JP/JP]; 13-6, Aza Higashinogaminomoto, Takabo, Kitajima-cho, Itano-gun, Tokushima 7710206 (JP). AKAMATSU, Suguru [JP/JP]; 252-8, Aza Gune -, Nakagirai, Matsushige-cho, Itanogun, Tokushima 7710212 (JP). SAWAI, Tokio [JP/JP]; c/o Mitsubishi Kagaku Iatron, Inc., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP). NISHIMURA, Fumiko [JP/JP]; c/o Mitsubishi Kagaku Iatron, Inc., 11-4, Higashi-kanda 1-chome, Chiyoda-ku, Tokyo 1010031 (JP).
- (74) MORITA, Kenichi; 5th Fl., Itabashi-chuo Bldg., 67-8, Itabashi 2-chome, Itabashi-ku, Tokyo 1730004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 33/53
- (11) WO 2004/086041 (13) A2
- (21) PCT/US2004/006539
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) en (26) en
- (30) 10/392,193 19 Mar/mar 2003 US (19.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • UNIVERSAL READOUT FOR TARGET IDENTIFICATION USING BIOLOGICAL MICROARRAYS
- LECTURE UNIVERSELLE SERVANT A L'IDENTIFICATION DE CIBLES AU

MOYEN DE MICRORESEAUX BIOLOGIQUES

- (71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, New York 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FANG, Ye [CN/US]; 3433 Conhocton Road, Painted Post, New York 14870 (US).
- (74) KUNG, Vincent T.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, New York 14831 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 33/543, 33/558
- (11) WO 2004/086042 (13) A1
- (21) PCT/FI2004/000179
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 20030463 28 Mar/mar 2003 FI (28.03.2003)
- (30) 20030921 19 Jun/juin 2003 FI (19.06.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • MULTIPLE-CHANNEL TEST DEVICE, METHOD FOR PRODUCING THE SAME AND USE THEREOF
- DISPOSITIF DE TEST MULTICANAL, PROCEDE DE PRODUCTION ET UTILISATION DE CE DISPOSITIF
- (71) ANI BIOTECH OY [FI/FI]; Museokatu 13 B, FI-00100 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISKANEN, Aimo [FI/FI]; Peipontie 20, FI-02660 Espoo (FI). LAINE, Henri [FI/FI]; Käsityöläisenkatu 8-10 A 4, FI-03600 Karkkila (FI). SARAMÄKI, Mika [FI/FI]; Eräkatu 5, FI-03620 Karkkila (FI).
- (74) BORENIUS & CO OY AB; Tallberginkatu 2 A, FI-00180 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/543, A61L 15/38, G01N 33/52

(11) WO 2004/086043 (13) A1

(21) PCT/GB2004/001294

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0306979.6 26 Mar/mar 2003 GB (26.03.2003)

(30) 60/492,750 6 Aug/août 2003 US (06.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PREDICTION AND DETECTION OF WOUND INFECTION

• PREDICTION ET DETECTION D'UNE INFECTION DE PLAIE

(71) JOHNSON & JOHNSON MEDICAL LIMITED [GB/GB]; Erskine House, 68-73 Queen Street, Edinburgh EH2 4NH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CULLEN, Breda, Mary [GB/GB]; 7 Consort Street, Skipton, North Yorkshire BD23 1HR (GB).

(74) JAMES, Anthony, Christopher, W., P. et al. / etc.; Carpmals & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/543, 33/58, B01J 13/00

(11) WO 2004/086044 (13) A1

(21) PCT/IE2004/000047

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003/0234 28 Mar/mar 2003 IE (28.03.2003)

(30) 60/483,010 27 Jun/juin 2003 US (27.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SENSOR FOR DETECTING AN ANALYTE USING SILVER NANOPARTICLES

• CAPTEUR A NANOPARTICULES D'ARGENT UTILISE POUR LA DETECTION D'UN ANALYTE

(71) THE PROVOST, FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN [IE/IE]; College Green, Dublin 2 (IE).

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(72, 75) BRENNAN, Margaret, Elizabeth [IE/IE]; Ballinroe, Casteiney, Templemore, Co- Tipperary (IE). ARMSTRONG, Gordon, James [IE/IE]; Silverdale, Woodcock Hill Road, Lower Meelick, Co.Clare (IE). KELLY, John, Moffat [GB/IE]; 14 Killiney Gate, Killiney, Co. Dublin (IE). WHELAN, Aine, Marie [IE/IE]; 31 Bellview Avenue, Glengearry, Co. Dublin (IE).

(74) O'BRIEN, John. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/543, 33/533

(11) WO 2004/086045 (13) A1

(21) PCT/NO2004/000083

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 20031431 28 Mar/mar 2003 NO (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF MEASURING PLATELET-DERIVED MICROVESICLES (PMV) USING A TIME-RESOLVED FLUORESCENCE IMMUNOASSAY (TR-FIA)

• METHODE DE MESURE DE MICROVESICULES DERIVEES DES PLAQUETTES (PMV) AU MOYEN D'UN IMMUNOESSAI A FLUORESCENCE EN TEMPS DIFFERE (TR-FIA)

(71) MEDINNOVA AS [NO/NO]; Rikshospitalet, Sognsvannsveien 20, N-0027 Oslo (NO). FORSKNINGSPARKEN AS [NO/NO]; Gaustadalléen 21, N-0349 Oslo (NO).

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(72, 75) MICHELSEN, Annika, E. [NO/NO]; Oppsal Terrasse 2 L 8007, N-0686 Oslo (NO). WERGELAND, Ragnhild [NO/NO]; Haugergrenda 31, N-1352 Kolsås (NO). STOKKE, Oddvar [NO/NO]; Tyristubben 1, N-1362 Hosle (NO). BROSTAD, Frank [NO/NO]; Oppsal Terrasse 2, L 8013, N-0686 Oslo (NO).

(74) SØNSTEVOLD, Anne; Zacco Norway AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/543

(11) WO 2004/086046 (13) A1

(21) PCT/SE2004/000447

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0300805-9 25 Mar/mar 2003 SE (25.03.2003)

(30) 60/457,508 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMMOBILIZATION METHOD AND KIT THEREFOR

• PROCEDE ET TROUSSE D'IMMOBILISATION

(71) BIACORE AB [SE/SE]; Rapskatan 7, S-754 50 Uppsala (SE).

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(74) WIDÉN, Björn; Biacore AB, Rapskatan 7, S-754 50 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/566

(11) WO 2004/086047 (13) A2

(21) PCT/EP2004/002734

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03006847.2 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH

G-PROTEIN-COUPLED RECEPTOR
ADENOSINE A1 (ADORA1)

- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DE MALADIES ASSOCIEES A ADENOSINE A1 DU RE-CEPTEUR COUPLE A LA PROTEINE G (ADORA1)

(71) BAYER HEALTHCARE AG [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, D-45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, D-42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, D-42113 Wuppertal (DE). THIELE, Ralf [DE/DE]; Ebbinghauser Str. 13, D-33178 Borcheln (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 33/74, 33/68, A61K 38/00, 39/00, C12Q 1/68

(11) WO 2004/086048 (13) A1

(21) PCT/AU2004/000389

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,939 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSIS OF ADVANCED CANCER
• PROCEDE ET AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES

(71) PROSTATE DIAGNOSTICS PTY. LTD. [AU/AU]; C/- 27-31 Wright Street, Clayton 3168, Victoria (AU). THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; Stanford University, Stanford, California 94305 (US). MELLOR, Sally Louise [AU/AU]; 12 Meredith Street, Sandringham 3191, Victoria (AU). BALL, Margaret Anne [AU/AU]; 14/386 Toorak Road, South Yarra 3141, Victoria (AU).

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(74) OBRANOVICH, Tania, D et al. / etc.; DAVIES COLLISON CAVE, 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/58

(11) WO 2004/086049 (13) A1

(21) PCT/FI2004/000091

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 20030460 28 Mar/mar 2003 FI (28.03.2003)

(30) 60/540,300 30 Jan/jan 2004 US (30.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A HOMOGENEOUS LUMINESCENCE ENERGY TRANSFER BIOASSAY

- ESSAI BIOLOGIQUE HOMOGENE A TRANSFERT D'ENERGIE DE LUMINESCENCE

(71, 72) SOUKKA, Tero [FI/FI]; Ylioppilaskylä 1A 36, FIN-20540 Turku (FI). HÄRMÄ, Harri [FI/FI]; Sirkkalankatu 9 b A 1, FIN-20500 Turku (FI). LÖVGREN, Timo [FI/FI]; Hakamäentie 57, FIN-21610 Kirjala (FI).

(74) ÖHMAN, Ann-Marie; c/o Hormos Medical Corporation, Itäinen Pitkätatu 4 B, FIN-20520 Turku (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 33/58, 33/68, C07K 1/18

(11) WO 2004/086050 (13) A2

(21) PCT/GB2004/001167

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 0306756.8 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MASS LABELS

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(72, 75) HAMON, Christian [FR/DE]; Luthmerstrasse 49, 65934 Frankfurt am Main (DE). KUHN, Karsten [DE/DE]; Querstrasse 29, 44139 Dortmund (DE). THOMPSON, Andrew [GB/GB]; 30 Canterbury Street, Cambridge CB4 3QF (GB). REUSCHLING, Dieter [DE/DE]; Sudetenring 8, 35510 Butzbach/Ostheim (DE). SCHAEFER, Juergen [DE/DE]; Am Langen Weg 2, 36341 Lauterbach (DE).

(74) PAGE WHITE & FARRER; 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086051 (13) A1

(21) PCT/DE2004/000645

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 098.5 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEST SYSTEM FOR DISCOVERING ACTIVE INGREDIENTS AGAINST PRION-INDUCED ILLNESSES AND ACTIVE INGREDIENTS FOR PREVENTING AND TREATING SAID ILLNESSES

- SYSTEME DE TEST POUR LA CARACTERISATION DE SUBSTANCES ACTIVES CONTRE DES MALADIES DUES AUX PRIONS, ET SUBSTANCES ACTIVES POUR LA PREVENTION ET LE TRAITEMENT DE CES MALADIES

(71) MEDINNOVA GESELLSCHAFT FÜR MEDIZINISCHE INNOVATIONEN AUS AKADEMISCHER FORSCHUNG MBH [DE/DE]; Biegenstrasse 4, 35037 Marburg (DE).

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(72, 75) SENDTNER, Michael [DE/DE]; Helen Keller Strasse 24, 97209 Veitshöchheim (DE). WIESE, Stefan [DE/DE]; Egloffsteinstrasse 2, 97072 Würzburg (DE). KLEIN, Michael [DE/DE]; Theaterstrasse 20, 97070 Würzburg (DE). FLECHSIG, Eckard [DE/DE]; Annastrasse 20a, 97072 Würzburg (DE).

(74) JUNGBLUT, Bernhard et al. / etc.; Albrecht, Lüke & Jungblut, Patentanwälte, Gelfertstrasse 56, 14195 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/68

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(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03006848.0 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G-PROTEIN-COUPLED RECEPTOR ADENOSINE A2B (ADORA2B)

• PRODUITS DE DIAGNOSTIC ET DE THERAPEUTIQUE POUR DES MALADIES LIEES AU RECEPTEUR DE L'ADENOSINE A2B COUPLE A LA PROTEINE G (ADORA2B)

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE). THIELE, Ralf [DE/DE]; Ebbinghauser Str. 13, 33178 Borcheln (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68, C12Q 1/70

(11) WO 2004/086053 (13) A1

(21) PCT/NL2003/000741

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 03075881.7 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE DETECTION OF A PATHOGENIC FORM OF A PRION PROTEIN

• TECHNIQUE DE DETECTION D'UNE FORME PATHOGENE DE PROTEINE PRIONIQUE

(71) STICHTING SANQUIN BLOED-VOORZIENING [NL/NL]; Plesmanlaan 125, NL-1066 CX Amsterdam (NL).

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(72, 75) VAN OERS, Josephus, Wilhelmus, Alphonsus, Maria [NL/NL]; Botenmakersstraat 67, NL-1506 TB Zaandam (NL). VAN DER VORST, Teun, Jan, Karel [NL/NL]; Basstraat 196, NL-5702 SM Helmond (NL). HACK, Cornelis, Erik [NL/NL]; Van Dijkstraat 21, NL-1111 ND Diemen (NL). VAN ENGELENBURG, Franciscus, Antonius, Cornelis [NL/NL]; Burgemeester Norbruislaan 105, NL-3555 EE Utrecht (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 EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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 (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 35/10, B41J 2/175

(11) WO 2004/086054 (13) A1

(21) PCT/AU2004/000393

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901513 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR DISPENSING AND PRINTING FLUIDS

• APPAREIL DE DISTRIBUTION ET D'IMPRESSION DE FLUIDES

(71) PROTEOME SYSTEMS INTELLECTUAL PROPERTY PTY LTD [AU/AU]; Unit 1, 35-41 Waterloo Road, North Ryde, NSW 2113 (AU).

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(72, 75) HOPWOOD, Femia [AU/AU]; 8 Marconi Street, Winston Hills, NSW 2153 (AU). GOOLEY, Andrew, Arthur [AU/AU]; 15 Katina Street, Turramurra, NSW 2074 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 37/00

(11) WO 2004/086055 (13) A1

(21) PCT/JP2004/003998

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-081605 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MICROCHIP, NUCLEIC ACID EXTRACTING KIT, AND NUCLEIC ACID EXTRACTING METHOD

• MICROPLAQUETTE, TROUSSE D'EXTRACTION D'ACIDE NUCLEIQUE ET PROCEDE D'EXTRACTION D'ACIDE NUCLEIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY [JP/JP]; 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 2130012 (JP).

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(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 1000011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ G01P

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(21) PCT/US2004/007813

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/455,964 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PARYLENE CAPACITIVE AC-
CELEROMETER UTILIZING ELEC-
TRICAL FRINGING FIELD SENSING
AND METHOD OF MAKING

- ACCELEROMETRE CAPACITIF DE
PARYLENE UTILISANT UNE DETEC-
TION DE CHAMP ELECTRIQUE DE
FRANGE ET PROCEDE FABRICATION
CORRESPONDANT

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NOLOGY [US/US]; 1200 East California
Blvd., MC 201-85, Pasadena, CA 91125
(US).

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les États désignés sauf US)

(72, 75) AOYAGI, Seiji [JP/JP]; 564 - 0073 (JP).
TAI, Yu-Chong [US/US]; 3191 East Califor-
nia Blvd., Pasadena, CA 91107 (US).

(74) TOBIN, Kent, J. et al. / etc.; Townsend and
Townsend and Crew, Two Embarcadero Cen-
ter, 8th Floor, San Francisco, CA 94111-3834
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01P 15/08, 15/11

(11) WO 2004/086057 (13) A1

(21) PCT/JP2004/002518

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-079600 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ACCELERATION SENSOR

- CAPTEUR D'ACCELERATION

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-
honbashi Chuo-ku Tokyo, 1038272 (JP).

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(72, 75) MORI, Teruo [JP/JP]; C/o Tdk Corpo-
ration 1-13-1, Nihonbashi Chuo-ku Tokyo,
1038272 (JP). MIKI, Nobuyuki [JP/JP];
C/o Tdk Corporation 1-13-1, Nihonbashi
Chuo-ku Tokyo, 1038272 (JP).

(74) MATSUYAMA, Keisuke et al. / etc.;
Minami-shinjuku Bldg., 10-12, Yoyogi
2-chome, Shibuya-ku Tokyo, 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01P 15/11, 15/18, G01H 11/02

(11) WO 2004/086058 (13) A1

(21) PCT/SE2004/000166

(22) 10 Feb/fév 2004 (10.02.2004)

(25) sv (26) en

(30) 0300394-4 14 Feb/fév 2003 SE
(14.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A METHOD AND A SENSOR FOR
DETECTING LOW-FREQUENCY OS-
CILLATION PHENOMENA OR DEVI-
ATIONS FROM IMAGINARY STATION-
ARY STATES

- PROCEDE ET CAPTEUR SERVANT
A DETECTER DES PHENOMENES
D'OSCILLATION BASSE FREQUENCE
OU DES DEVIATIONS D'ETATS STA-
TIONNAIRES IMAGINAIRES

(71) COVIAL DEVICE AB [SE/SE]; Gevär-
satan 8, S-254 66 Helsingborg (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LARSSON, Roland [SE/SE]; Sofierovä-
gen 16, S-254 33 Helsingborg (SE).

(74) GROTH & CO I MALMÖ HB; P.O. Box
6153, S-200 11 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT 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 G01R

(11) WO 2004/086059 (13) A2

(21) PCT/US2004/008119

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/393,831 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SYSTEM AND METHOD FOR EXACT
COMPENSATION OF FUNDAMENTAL
PHASORS

- SYSTEME ET PROCEDE POUR LA
COMPENSATION EXACTE DE VEC-
TEURS TOURNANTS FONDAMEN-
TAUX

(71) SCHWEITZER ENGINEERING LABO-
RATORIES [US/US]; 2350 Northeast Hop-
kins Court, Pullman, WA 99163-5603 (US).

(74) MUNDT, David, M.; Cook, Alex, McFar-
ron, Manzo, Cummings & Mehler, 200 West
Adams Street, Suite 2850, Chicago, IL 60606
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086060 (13) A2

(21) PCT/US2004/008636

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,333 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • CHEMICAL SPECIES SUPPRESSION
FOR MRI IMAGING USING SPIRAL
TRAJECTORIES WITH OFF-RESO-
NANCE CORRECTION

- SUPPRESSION D'ESPECE CHIMIQUE
POUR IMAGERIE IRM METTANT EN
OEUVRE DES TRAJECTOIRES EN SPI-
RALE AVEC CORRECTION HORS RE-
SONANCE

(71) CASE WESTERN RESERVE UNIVER-
SITY [US/US]; 10900 Euclid Avenue, Cleve-
land, OH 44106 (US).

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les États désignés sauf US)

(72) MORIGUCHI, Hisamoto; 11456 May-
field Road #1257, Cleveland, OH 44106

(US). **DUERK, Jeffrey, L.**; 519 Rockwood Court, Avon Lake, OH 44012 (US). **LEWIN, Jonathan, S.**; 24604 Letchworth Road, Beachwood, OH 44122 (US).

(74) **MINNICH, Richard, J. et al.** / etc.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, Seventh floor, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 1/04

(11) WO 2004/086061 (13) A1

(21) PCT/EP2004/003305

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 14 192.8 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BASE, ESPECIALLY FOR HANDLERS, AND INSERTION METHOD THEREFOR
• SOCLE NOTAMMENT DESTINE A UN GESTIONNAIRE ET PROCEDE D'INSTALLATION ASSOCIE

(71) **YAMAICHI ELECTRONICS DEUTSCHLAND GMBH** [DE/DE]; Karl-Schmid-Strasse 9, 81829 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINKE, Thomas** [DE/DE]; Gmein 2, 83253 Rimsting (DE). **TAYLOR, Rick, Anthony** [DE/DE]; Weinsfeld B3, 91161 Hilpoltstein (DE).

(74) **ROCKE, Carsten**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 1/073

(11) WO 2004/086062 (13) A1

(21) PCT/JP2004/003936

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085173 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONNECTEUR DE MESURE DE RESISTANCES ELECTRIQUES, DISPOSITIF DE CONNECTEUR DE MESURE DE RESISTANCES ELECTRIQUES ET LEUR PROCEDE DE FABRICATION, DISPOSITIF DE MESURE DE LA RESISTANCE ELECTRIQUE DE CIRCUITS SUBSTRATS, ET METHODE DE MESURE

• CONNECTEUR DE MESURE DE RESISTANCES ELECTRIQUES, DISPOSITIF DE CONNECTEUR DE MESURE DE RESISTANCES ELECTRIQUES ET LEUR PROCEDE DE FABRICATION, DISPOSITIF DE MESURE DE LA RESISTANCE ELECTRIQUE DE CIRCUITS SUBSTRATS, ET METHODE DE MESURE

(71) **JSR CORPORATION** [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIMURA, Kiyoshi** [JP/JP]; c/o JSR MICROTCH INC. 289-1, Yaenda, Hidaka-shi, Saitama 3501236 (JP). **SHIMODA, Sugihiro** [JP/JP]; c/o JSR MICROTCH INC. 289-1, Yaenda, Hidaka-shi, Saitama 3501236 (JP). **HARA, Fujio** [JP/JP]; c/o JSR MICROTCH INC. 289-1, Yaenda, Hidaka-shi, Saitama 3501236 (JP).

(74) **OHI, Masahiko**; Eishin Bldg., 6-1, Kanda Ogawa-machi 3-chome, Chiyoda-ku Tokyo 1010052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/18

(11) WO 2004/086063 (13) A1

(21) PCT/IE2004/000048

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) S2003/0227 27 Mar/mar 2003 IE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN APPARATUS FOR MEASURING AN A.C. CURRENT IN A CABLE
• APPAREIL DE MESURE D'UN COURANT ALTERNATIF DANS UN CABLE

(71) **SUPARULES LIMITED** [IE/IE]; Lonsdale Road, National Technology Park, Limerick, Co. Limerick (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SORENSEN, Thomas** [IE/IE]; 9 Technological Park, Castletroy, Limerick (IE).

(74) **BROPHY, David**; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 15/24

(11) WO 2004/086064 (13) A1

(21) PCT/CH2004/000183

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 03405213.4 28 Mar/mar 2003 EP (28.03.2003)

(30) 03405271.2 16 Apr/avr 2003 EP (16.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRO-OPTICAL VOLTAGE SENSOR
• CAPTEUR DE TENSION ELECTRO-OPTIQUE

(71) **ABB RESEARCH LTD** [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOHNERT, Klaus** [DE/CH]; Loonstrasse 36, CH-5452 Oberrohrdorf (CH). **FRANK, Andreas** [AT/CH]; Thurwiesenstrasse 15A, CH-8037 Zürich (CH). **BRÄNDLE, Hubert** [CH/CH]; Rebbergstrasse 60, CH-8102 Oberengstringen (CH).

(74) **ABB SCHWEIZ AG**; Intellectual Property (CH-LC/IP), Brown Boveri Strasse 6, CH-5400 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 19/165

(11) WO 2004/086065 (13) A1

(21) PCT/JP2004/003944

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080406 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • VOLTAGE MEASUREMENT DEVICE
• DISPOSITIF DE MESURE DE TENSION

(71) SANKEN ELECTRIC CO. LTD. [JP/JP];
6-3, Kitano 3-chome, Niiza-shi, Saitama,
3528666 (JP). HONDA MOTOR CO. LTD.
[JP/JP]
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IWABUCHI, Akio
[JP/JP]KANAZAWA, Masaki
[JP/JP]AIZAWA, Kazuya [JP/JP]YA-
MADA, Norimasa [JP/JP]ARIYOSHI,
Toshiaki [JP/JP]TSURUMI, Takafumi
[JP/JP]NOMOTO, Yoshikazu [JP/JP]

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 29/08

(11) WO 2004/086066 (13) A1

(21) PCT/EP2003/003153

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DEVICE, SYSTEM AND METHOD FOR
MONITORING ELECTROMAGNETIC
FIELDS
• DISPOSITIF, SYSTEME ET PROCEDE
POUR LE CONTROLE DE CHAMPS
ELECTROMAGNETIQUES

(71) TELECOM ITALIA S.P.A. [IT/IT]; Piazza
degli Affari, 2, I-20123 Milano (IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GIANOLA, Paolo [IT/IT]; Telecom
Italia S.p.A., Via G. Reiss Romoli, 274,
I-10148 Torino (IT). GIGLIOTTI, Vin-
cenzo [IT/IT]; c/o Telecom Italia S.p.A., Via
G. Reiss Romoli, 274, I-10148 Torino (IT).
SQUIZZATO, Valter [IT/IT]; c/o Telecom
Italia S.p.A., Via G. Reiss Romoli, 274,
I-10148 Torino (IT).

(74) GIANNESI, Pier, Giovanni et al. / etc.;
Pirelli S.p.A., Viale Sarca, 222, I-20126 Mi-
lano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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 29/08

(11) WO 2004/086067 (13) A2

(21) PCT/US2004/009052

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,809 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SYSTEMS AND METHODS FOR TIME
CORRECTED LIGHTNING DETEC-
TION
• SYSTEMES ET PROCEDES DE DE-
TECTION D'UNE DECHARGE ELEC-
TRIQUE CORRIGEE DANS LE TEMPS

(71) VAISALA OYJ [FI/FI]; P.O. Box 26, FIN-
00421 Helsinki (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MURPHY, Martin [US/US]; 2705
E. Medina Road, Tucson, AZ 85706 (US).
SCHULZ, Wolfgang [AT/AT]; Kahlenberger
Str. 2A, Vienna, A-1190 (AT). PIFER, Al-
burt [US/US]; 2705 E. Medina Road, Tuc-
son, AZ 85706 (US). CUMMINS, Kenneth
[US/US]; 2705 E. Medina Road, Tucson, AZ
85706 (US).

(74) ROGERS, David, E. et al. / etc.; Squire,
Sanders & Dempsey L.L.P., Two Renaissance
Square, 40 North Central Avenue, Suite 2700,
Phoenix, AZ 85004-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/26

(11) WO 2004/086068 (13) A1

(21) PCT/US2004/007118

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/392,991 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SYSTEM AND METHOD FOR IN-SITU
MONITOR AND CONTROL OF FILM
THICKNESS AND TRENCH DEPTH
• SYSTEME ET PROCEDE POUR SUR-
VEILLER ET REGULER IN SITU
L'EPAISSEUR D'UN FILM ET LA PRO-
FONDEUR D'UNE TRANCHEE

(71) VERITY INSTRUMENTS, INC. [US/US];
2901 Eisenhower Street, Carrollton, TX
75007 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUENY, Andrew, Weeks [US/US];
5630 Morningside Avenue, Dallas, TX 75206
(US).

(74) BUCHEL, Rudolph, J., Jr.; P.O. Box
702526, Dallas, TX 75370-2526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 31/28

(11) WO 2004/086069 (13) A1

(21) PCT/EP2004/003083

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 13 264.3 **24 Mar/mar 2003** DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TESTING COMPONENTS OF A CIRCUIT BOARD

• PROCEDE D'ESSAI DE COMPOSANTS D'UNE PLAQUETTE DE CIRCUIT IMPRIME

(71) **SCORPION TECHNOLOGIES AG** [DE/DE]; Papenreye 51, 22453 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRÖDL, Roman** [DE/DE]; Naab 5, 95671 Bärnau (DE). **HOSSEINI-DEHKORDI, Karim** [DE/DE]; Wagrier Weg 15, 22455 Hamburg (DE).

(74) **SCHAEFER, Konrad**; Schaefer & Emmel, Gehölzweg 20, 22043 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/317, G09G 3/20**

(11) **WO 2004/086070** (13) A1

(21) PCT/JP2004/003549

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) ja (26) ja

(30) 2003-081666 **25 Mar/mar 2003** JP
(25.03.2003)

(30) 2003-137822 **15 May/mai 2003** JP
(15.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INSPECTION CIRCUIT AND INSPECTION METHOD OF SEMICONDUCTOR DEVICE

• CIRCUIT D'INSPECTION ET PROCEDE D'INSPECTION DE DISPOSITIF SEMICONDUCTEUR

(71) **SEMICONDUCTOR ENERGY LABORATORY CO. LTD.** [JP/JP]; 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

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(72, 75) **TANADA, Yoshifumi** [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/3181, 35/00**

(11) **WO 2004/086071** (13) A1

(21) PCT/JP2004/003651

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) ja (26) ja

(30) 2003-087049 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TEST APPARATUS

• APPAREIL D'ESSAI

(71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

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(72, 75) **SHIBUYA, Atsunori** [JP/JP]; c/o Advantest Corporation, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

(74) **RYUKA, Akihiro**; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/00**

(11) **WO 2004/086072** (13) A2

(21) PCT/EP2004/002924

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) de (26) de

(30) 103 13 052.7 **24 Mar/mar 2003** DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR THE ACQUISITION OF DATA FOR MAGNETIC RESONANCE IMAGING HAVING REDUCED T1 CONTRAST

• PROCEDE ET DISPOSITIF POUR OBTENIR DES DONNEES POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE A CONTRASTE T1 REDUIT

(71) **BAYERISCHE JULIUS-MAXIMILIANS-UNI VERSITÄT WÜRZBURG** [DE/DE]; Sanderring 2, 97070 Würzburg (DE).

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(72, 75) **GRISWOLD, Mark** [DE/DE]; Hindenburg Nord 11, 97318 Kitzingen (DE). **SCHMITT, Peter** [DE/DE]; Annastrasse 9, 97072 Würzburg (DE).

(74) **KÖNIG, Beate et al.** / etc.; KÖNIG & KÖSTER, Morassistrasse 8, 80469 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/02**

(11) **WO 2004/086073** (13) A1

(21) PCT/JP2004/003266

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) ja (26) ja

(30) 2003-082297 **25 Mar/mar 2003** JP
(25.03.2003)

(30) 2003-082298 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MAGNETIC IMPEDANCE ELEMENT AND CURRENT/MAGNETIC FIELD SENSOR

• ELEMENT D'IMPEDANCE MAGNETIQUE ET CAPTEUR DE COURANT/CHAMP MAGNETIQUE

(71) **FUJI ELECTRIC HOLDINGS CO., LTD.** [JP/JP]; 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 2109530 (JP).

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(72, 75) **MATSUZOE, Yuji** [JP/JP]; c/o Fuji Electric Advanced Technology Co., Ltd, 2-2-1, Nagasaka, Yokosuka-shi, Kanagawa 2400194 (JP). **KITAIDE, Yujiro** [JP/JP]; c/o Fuji Electric Advanced Technology Co., Ltd, 2-2-1, Nagasaka, Yokosuka-shi, Kanagawa 2400194 (JP). **HAYASHI, Takashi** [JP/JP]; c/o Fuji Electric Advanced Technology Co., Ltd, 2-2-1, Nagasaka, Yokosuka-shi, Kanagawa 2400194 (JP). **SHIMIZU, Hideo** [JP/JP]; c/o Fuji Electric Advanced Technology Co., Ltd, 2-2-1, Nagasaka, Yokosuka-shi, Kanagawa 2400194 (JP).

(74) **YAMAGUCHI, Iwao et al.** / etc.; c/o YAMAGUCHI International Patent Office, 3-2, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 1410022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 G01R 33/46, 33/3415

(11) WO 2004/086074 (13) A1

(21) PCT/GB2004/001292

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307116.4 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NMR APPARATUS FOR CONCUR-
RENT ANALYSIS OF MULTIPLE SAM-
PLES USING A RECEIVER COIL AR-
RAY

• APPAREIL DE RESONANCE MAGNE-
TIQUE NUCLEAIRE CONÇU POUR
ANALYSE SIMULTANEE DE PLU-
SIEURS ECHANTILLONS AU MOYEN
D'UN RESEAU DE BOBINES RECEP-
TRICES

(71) OXFORD INSTRUMENTS SUPERCON-
DUCTIVITY LIMITED [GB/GB]; Old Sta-
tion Way, Eynsham, Witney, Oxon OX8 1TL
(GB).

(*for all designated States except / pour tous
les États désignés sauf US*)

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Drayton, Cambridge CB3 8BU (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086075 (13) A2

(21) PCT/US2004/007555

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/393,731 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SIMULTANEOUS DUAL POLARIZA-
TION RADAR SYSTEM

• SYSTEME DE RADAR A DOUBLE PO-
LARISATION SIMULTANEE

(71) ENTERPRISE ELECTRONICS COR-
PORATION [US/US]; 128 South Industrial
Boulevard, Enterprise, AL 36330 (US).

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les États désignés sauf US*)

(71, 72) ALFORD, James, Larry [US/US]; 103
Aaron Drive, Enterprise, AL 36330 (US).
HELVIN, James, Rogers [US/US]; 106
Edinburg, Enterprise, AL 36330 (US).

(74) GACHE, Russel, Carter; Sirote & Permutt,
P.C., PO Box 55727, Birmingham, AL 35255-
5727 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086076 (13) A2

(21) PCT/US2004/008908

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/395,841 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VEHICLE PASSIVE ALERT SYSTEM
AND METHOD

• SYSTEME ET PROCEDE D'ALERTE
PASSIVE DE VEHICULE

(71) MOBILARIA, INC. [US/US]; 800 W. El
Camino Real, Suite 240, Mountain View, CA
94040 (US).

(*for all designated States except / pour tous
les États désignés sauf US*)

(72, 75) THAYER, Peter, A. [US/US]; 1820 Ed-
naMary Way, Apt. F, Mountain View, CA
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tricia Court, Mountain View, CA 94041 (US).
MAHESH, Subramanian [IN/US]; 395 E.
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94086 (US).

(74) KREBS, Robert, E. et al. / etc.; Thelen Reid
& Priest LLP, P.O. Box 640640, San Jose, CA
95164-0460 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 1/00, H04B 1/707

(11) WO 2004/086077 (13) A1

(21) PCT/US2004/007320

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/394,404 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR PER-
FORMING SIGNAL CORRELATION

• PROCEDE ET APPAREIL SERVANT A
REALISER UNE CORRELATION DE
SIGNAUX

(71) GLOBAL LOCATE INC. [US/US]; 3190 S.
Bascom, Suite 260, San Jose, CA 95124 (US).
(*for all designated States except / pour tous
les États désignés sauf US*)

(72, 75) ABRAHAM, Charles [US/US]; 25220
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Lockhaven Way, San Jose, CA 95129 (US).
PODISHVALOV, Sergi [RU/US]; 4978
Williams Road, San Jose, CA 95129 (US).

(74) PATTERSON, B., Todd et al. / etc.; Moser,
Patterson & Sheridan, LLP, 3040 Post Oak
Blvd., Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 3/02, H04B 1/69, H04M 11/00

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(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901622 28 Mar/mar 2003 AU
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A DEVICE AND METHOD FOR DE-
TERMINING AN EPOCH USING A
DE-SPREAD SPREAD-SPECTRUM
SIGNAL

• DISPOSITIF ET PROCEDE DE DE-
TERMINATION D'UN EPOQUE AU
MOYEN D'UN SIGNAL DESETALE DE
SPECTRE ETALE

(71) COMMONWEALTH SCIENTIFIC AND
INDUSTRIAL RESEARCH ORGAN-
ISATION [AU/AU]; Limestone Avenue,
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2612 (AU).

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(72, 75) **SHARP, Ian Francis** [AU/AU]; 25 Wyuna Road, West Pymble, New South Wales 2073 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/786, G01C 21/02**

(11) **WO 2004/086079** (13) A1

(21) PCT/FR2004/000675

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) fr (26) fr

(30) 03/03407 **20 Mar/mar 2003 FR (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR ASSIGNING WEIGHTING COEFFICIENTS FOR PERFORMING ATTITUDE CALCULATIONS WITH A STAR SENSOR

• PROCEDE ET DISPOSITIF D'ATTRIBUTION DE COEFFICIENTS DE PONDERATION POUR DES CALCULS D'ATTITUDE AVEC UN CAPTEUR STELLAIRE

(71) **CENTRE NATIONAL D'ETUDES SPATIALES** [FR/FR]; 2, place Maurice Quentin, F-75001 Paris (FR).

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(72, 75) **POTTECK, Serge** [FR/FR]; 4, place Rouaix, F-31000 Toulouse (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 5/00, 5/14**

(11) **WO 2004/086080** (13) A1

(21) PCT/IB2004/000149

(22) **14 Jan/jan 2004 (14.01.2004)**

(25) en (26) en

(30) 10/395,838 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING LOCATION DETERMINATION INFORMATION TO AN ASSISTED LOCATION SERVICE

• PROCEDES, SYSTEMES ET PRODUITS LOGICIELS FOURNISSANT DES INFORMATIONS DE DETERMINATION DE POSITION A UN SERVICE DE LOCALISATION ASSISTEE

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).

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(72, 75) **OSBORN, William, R.** [US/US]; 107 Waterloo Station Drive, Cary, NC 27513 (US). **BLOEBAUM, Leland, S.** [US/US]; 103 Battery Point Place, Cary, NC 27513 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01S 5/14, 1/00**

(11) **WO 2004/086081** (13) A2

(21) PCT/FI2004/000116

(22) **3 Mar/mar 2004 (03.03.2004)**

(25) en (26) en

(30) 0307030.7 **27 Mar/mar 2003 GB (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOBILE POSITIONING

• LOCALISATION MOBILE

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EADE, Phil** [GB/GB]; 118 Kingston Road, New Malden, Surrey KT3 3ND (GB).

(74) **LAMBERG, Samu**; c/o Nokia Corporation, P.O. Box 226, FI-00045 Nokia Group (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01S 7/52, A61B 17/34**

(11) **WO 2004/086082** (13) A1

(21) PCT/IB2004/000708

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) en (26) en

(30) 60/458,778 **27 Mar/mar 2003 US (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GUIDANCE OF INVASIVE MEDICAL DEVICES BY WIDE VIEW THREE DIMENSIONAL ULTRASONIC IMAGING

• GUIDAGE DE DISPOSITIFS MEDICAUX INVASIFS PAR IMAGERIE ULTRASONIQUE TRIDIMENSIONNELLE A TRES LARGE CHAMP DE VISION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **PESZYNSKI, Michael** [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US). **SALGO, Ivan** [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US). **SAVORD, Bernard** [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US). **SCAMPINI, Steven** [US/US]; 22100 Bothell Everett Highway, Bothell, Washington 98021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/86**

(11) **WO 2004/086083** (13) A1

(21) PCT/NL2004/000203

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) nl (26) en

(30) 1023016 **25 Mar/mar 2003 NL (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETECTION SYSTEM, METHOD FOR DETECTING OBJECTS AND COMPUTER PROGRAM THEREFOR

• SYSTEME DE DETECTION D'OBJETS ET SON PROGRAMME INFORMATIQUE

(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) HUIZING, Albert, Gezinus [NL/NL]; Marepoortkade 37, NL-2312 MP Leiden (NL). KESTER, Leonardus, Johannes, Hubertus, Maria [NL/NL]; Hof van Smaragd 8, NL-2614 TN Delft (NL). THEIL, Arne [NL/NL]; Buitenruststraat 29, NL-2271 HA Voorburg (NL).

(74) WINCKELS, J., H., F.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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, G05D 1/02, G08G 1/16

(11) WO 2004/086084 (13) A1

(21) PCT/FI2004/000174

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 20030449 25 Mar/mar 2003 FI (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ARRANGEMENT FOR COLLISION PREVENTION OF MINE VEHICLE

• DISPOSITIF ANTI-COLLISION POUR VEHICULE MINIER

(71) SANDVIK TAMROCK OY [FI/FI]; Pihtisulunkatu 9, FI-33330 Tampere (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÄKELÄ, Hannu [FI/FI]; Repovuorentie 7 B D, FI-00670 Helsinki (FI). VON NUMERS, Thomas [FI/FI]; Sotargränden 3 A, FI-02700 Grankulla (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G01S 15/89, A61B 8/02

(11) WO 2004/086085 (13) A1

(21) PCT/GB2004/001331

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307078.6 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVEMENTS IN AND RELATING TO ULTRASOUND DETECTION

• AMÉLIORATION DANS ET CONCERNANT LA DÉTECTION ULTRASONORE

(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) PAYNE, Elizabeth, Ann [GB/GB]; QinetiQ Limited, Winfrith Technology Centre, Winfrith Newburgh, Dorchester Dorset DT2 8XJ (GB). ORME, Richard, Douglas [GB/GB]; QinetiQ Limited, Winfrith Technology Centre, Winfrith Newburgh, Dorchester Dorset DT2 8XJ (GB).

(74) TOCHER, A., J.; QinetiQ Ltd, IP 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement(51)⁷ G01S 15/89, 7/52, A61B 8/08

(11) WO 2004/086086 (13) A2

(21) PCT/IB2004/000759

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,782 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GUIDANCE OF INVASIVE MEDICAL DEVICES WITH COMBINED THREE DIMENSIONAL ULTRASONIC IMAGING SYSTEM

• GUIDAGE DE DISPOSITION MÉDICAUX INVASIFS AVEC SYSTÈME COMBINÉ D'IMAGERIE ULTRASONIQUE TRIDIMENSIONNELLE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) SAVORD, Bernard [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). SCAMPINI, Steven [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). PESZYNSKI, Michael [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US). SALGO, Ivan [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 17/08, H01L 27/146

(11) WO 2004/086087 (13) A1

(21) PCT/EP2003/003094

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DETECTION OF ELECTROMAGNETIC RADIATION

• DÉTECTION D'UN RAYONNEMENT ÉLECTROMAGNÉTIQUE

(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) **SCHREY, Olaf** [DE/DE]; An den Bleichen 10, 40878 Ratingen (DE). **JEREMIAS, Ralf** [DE/DE]; Brinker-Ring 85, 48653 Coesfeld (DE). **BROCKHERDE, Werner** [DE/DE]; Bockumer Weg 6, 47259 Duisburg (DE). **HOSTICKA, Bedrich** [DE/DE]; Zieglerstr. 27, 47058 Duisburg (DE).
- (74) **SCHOPPE, Fritz** et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **G01S 17/89, 7/486**
- (11) **WO 2004/086088** (13) A1
- (21) PCT/IL2004/000267
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 155113 **27 Mar/mar 2003 IL (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD AND A SYSTEM FOR RANGING A SCENE
• PROCEDE ET SYSTEME DE TELEMETRIE POUR SCENE
- (71) **ELOP ELECTRO-OPTICS INDUSTRIES LTD.** [IL/IL]; P.O. Box 1165, 76111 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SARID, Moshe** [IL/IL]; 31 Irusim Street, IL-71908 Rehovot (IL).
- (74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01V**
- (11) **WO 2004/086090** (13) A2
- (21) PCT/NO2004/000079
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 20031424 **27 Mar/mar 2003 NO (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD FOR MONITORING A HIGH-RESISTIVITY RESERVOIR ROCK FORMATION
• PROCEDE DE CONTROLE D'UNE FORMATION DE ROCHE-RESERVOIR A HAUTE RESISTIVITE
- (71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSTAD, Svein, Erling** [NO/NO]; Gullstolslien 19, N-5152 Bones (NO). **KONG, Fan-Nian** [CN/NO]; Langbolgen 71, N-1150 Oslo (NO). **WESTERDAHL, Harald** [NO/NO]; Haugerås, N-2072 Dal (NO).
- (74) **JOHNSEN, Venche, Høines**; Norsk Hydro ASA, N-0240 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01T 1/11**
- (11) **WO 2004/086089** (13) A1
- (21) PCT/JP2004/003814
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) ja (26) ja
- (30) 2003-080963 **24 Mar/mar 2003 JP (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FLUORIDE SINGLE CRYSTAL MATERIAL FOR THERMOLUMINESCENCE
- DOSIMETER AND THERMOLUMINESCENCE DOSIMETER
- MATERIAU MONOCRISTAL FLUORURE POUR DOSIMETRE THERMOLUMINESCENT ET DOSIMETRE THERMOLUMINESCENT ASSOCIE
- (71) **HOKUSHIN CORPORATION** [JP/JP]; 3-6, Shitte 2-chome, Tsurumi-ku, Yokohama-shi Kanagawa, 2300003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ICHINOSE, Noboru** [JP/JP]; 34-12, Higashiasahina 1-chome, Kanazawa-ku, Yokohama-shi Kanagawa, 2360033 (JP). **SHIMAMURA, Kiyoshi** [JP/JP]; 13-15, Shibayama 6-chome, Funabashi-shi Chiba, 2740816 (JP). **URANO, Yuji** [JP/JP]; 1628-201, Sugeta-cho, Kanagawa-ku, Yokohama-shi Kanagawa, 2210864 (JP). **NAKAKITA, Satoshi** [JP/JP]; c/o HOKUSHIN CORPORATION 3-6, Shitte 2-chome, Tsurumi-ku, Yokohama-shi Kanagawa, 2300003 (JP).
- (74) **KURIHARA, Hiroyuki**; KURIHARA INTERNATIONAL PATENT OFFICE Iwasaki Bldg. 7F, 3-15 Hiroo 1-chome, Shibuya-ku Tokyo, 1500012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01V**
- (11) **WO 2004/086092** (13) A2
- (21) PCT/EP2004/050379
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 0307018.2 **27 Mar/mar 2003 GB (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SYSTEM FOR DEPTH CONTROL OF A MARINE DEFLECTOR
• SYSTEME DE CONTROLE DE PROFONDEUR D'UN DEFLECTEUR MARIN
- (71) **WESTERNGECO SEISMIC HOLDINGS LIMITED** [GB/GB]; Citco Building, PO Box 662, Road Town, Tortola (VG).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01V 1/00**
- (11) **WO 2004/086092** (13) A2
- (21) PCT/EP2004/050379
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 0307018.2 **27 Mar/mar 2003 GB (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SYSTEM FOR DEPTH CONTROL OF A MARINE DEFLECTOR
• SYSTEME DE CONTROLE DE PROFONDEUR D'UN DEFLECTEUR MARIN
- (71) **WESTERNGECO SEISMIC HOLDINGS LIMITED** [GB/GB]; Citco Building, PO Box 662, Road Town, Tortola (VG).
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH

CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(72, 75) **TOENNESSEN, Rune** [NO/NO]; Schlumberger House, PO Box 234, N-1371 Asker (NO). **KESKES, Emmanuel** [FR/FR]; 20 rue Prefet Bonnefoy, F-44000 Nantes (FR). **STORTEIG, Eskild** [NO/NO]; WesternGeco, 10 Solbraaveien, N-1372 Oslo (NO). **HELGERUD, Per** [NO/NO]; Haugerudveien 29, N-3300 Hokksund (NO). **MOOSAVI, Vahid** [NO/NO]; PO Box 234, N-1371 Asker (NO). **SAINT-PERE, Philippe** [FR/FR]; 1, Lieu Dit Cabland, F-33480 Castelnau De Medoc (FR).

(74) **SUCKLING, Andrew**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/26, 1/42, E21B 47/16

(11) **WO 2004/086093** (13) A1

(21) PCT/US2004/008717

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/456,151 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • USE OF PATTERN RECOGNITION IN A MEASUREMENT OF FORMATION TRANSIT TIME FOR SEISMIC CHECKSHOTS

• UTILISATION DE LA RECONNAISSANCE DE FORMES DANS LA MESURE D'UN TEMPS DE PARCOURS DE FORMATION POUR TIRS DE CONTROLE SISMIQUES

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) **GASTON, Graham**; Muthesiusweg 39, Hannover (DE). **MATHISZIK, Holger**; Reiherstieg 51, D-29339 Wathlingen (DE). **REHBOCK, Hans, H.**; Letchenweg 6, D-29342 Wienhausen (US).

(74) **WELBORN, Brian, S. et al.** / etc.; Baker Hughes Incorporated, 2001 Rankin Road, Houston, TX 77073-5114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01V 1/28

(11) **WO 2004/086094** (13) A1

(21) PCT/GB2004/001378

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0306920.0 **26 Mar/mar 2003 GB (26.03.2003)**

(30) 0320943.4 **8 Sep/sep 2003 GB (08.09.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESSING SEISMIC DATA REPRESENTATIVE OF THE ACCELERATION WAVEFIELD

• TRAITEMENT DE DONNEES SISMIQUES REPRESENTATIVES DU CHAMP D'ONDES D'ACCELERATION

(71) **WESTERGECO SEISMIC HOLDINGS LIMITED**; Citco Building, P.O. Box 662, Road Town, Tortola, British Virgin Islands, (VG).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42 rue Saint Dominique, F-75007 Paris (FR).

(only for / seulement pour FR)

(72, 75) **MARTIN, James** [GB/GB]; C/o Schlumberger Cambridge Research, High Cross, Madingley Road, Cambridge, Cambridgeshire CB3 0EL (GB). **LAAKE, Andreas** [DE/GB]; C/o Schlumberger House, Gatwick Airport, Crawley, West Sussex RH6 0NZ (GB).

(74) **SUCKLING, Andrew, Michael**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01V 3/10

(11) **WO 2004/086095** (13) A1

(21) PCT/JP2004/002838

(22) **5 Mar/mar 2004 (05.03.2004)**

(25) ja (26) ja

(30) 2003-066569 **12 Mar/mar 2003 JP (12.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METAL DETECTOR

• DETECTEUR DE METAL

(71) **ANRITSU INDUSTRIAL SOLUTIONS CO., LTD.** [JP/JP]; 1800 Onna Atsugi-shi Kanagawa, 2430032 (JP).

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(72, 75) **KUBOTERA, Shigeru** [JP/JP]; C/O Anritsu Industrial Solutions Co., Ltd., 1800 Onna Atsugi-shi, Kanagawa 243-0032 (JP). **NAGAOKA, Toshihiko** [JP/JP]; C/O Anritsu Industrial Solutions Co., Ltd., 1800 Onna Atsugi-shi, Kanagawa 243-0032 (JP). **MITANI, Satoshi** [JP/JP]; C/O Anritsu Industrial Solutions Co., Ltd., 1800 Onna Atsugi-shi, Kanagawa 243-0032 (JP).

(74) **NISHIMURA, Norimitsu et al.** / etc.; Hougaku bldg. 3-A, 19-14, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01W 1/16, G01S 3/02, 5/02, 11/02

(11) **WO 2004/086096** (13) A1

(21) PCT/US2004/009068

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 10/395,808 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR SPECTRAL CORRECTED LIGHTNING DETECTION

• SYSTEME ET PROCEDE DE DETECTION DE Foudre AVEC CORRECTION SPECTRALE

(71) **VAISALA OYJ** [FI/FI]; P.O. Box 26, FIN-00421 Helsinki (FI).

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(72, 75) **MURPHY, Martin** [US/US]; 2705 E. Medina Road, Tucson, AZ 85706 (US).

(74) **ROGERS, David, E. et al.** / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086097** (13) **A2**

(21) PCT/IB2003/001805

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTOMATIC FIBER PROCESSING SYSTEM INCLUDING METHOD AND APPARATUS FOR PRODUCING END-ALIGNED FIBER SAMPLES
• SYSTEME AUTOMATIQUE DE TRAITEMENT DE FIBRES COMPORTANT UN PROCÉDE ET UN APPAREIL POUR PRODUIRE DES ÉCHANTILLONS DE FIBRES À EXTREMITÉS ALIGNEES

(71) **PREMIER POLYTRONICS, PVT. LTD.** [IN/IN]; 304, Trichy Road, Singanallur, Coimbatore 641 005 (IN).

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(72, 75) **RAMACHANDRAN, Shekaripuram, Narayanaswamy** [IN/IN]; "Shree Nivas", No:3, Fourth Cross Road, Chinthamani Nagar, K.K. Pudur, Coimbatore 641 038 (IN). **SRINIVASAN, varadarajan** [IN/IN]; D-6, Carthic Apartments, OM Sakthi Nagar, Ramanathapuram, Coimbatore 641 045 (IN). **ANBARASAN, Mariappan** [IN/IN]; No. 7 OM Muruga Street, Thanner Pandal, V.K. Road, Peelamedu, Coimbatore 641 004 (IN).

(74) **MAJUMDAR, S. et al.** / etc.; S. Majumdar & Co., 5, Harish Mukherjee Road, Calcutta 700 025 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086098** (13) **A2**

(21) PCT/IL2004/000262

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/456,539 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPLAY DEVICES

• AFFICHEURS

(63) US PCT/IL02/00970 which (CON) 3 Dec/déc 2002 (03.12.2002)

(71) **FLIXEL LTD.** [IL/IL]; 6 MEYTAV STREET, TEL-AVIV 67898 (IL).

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(72, 75) **HEINES, Amichai** [IL/IL]; 1 PESACH IFHAR STREET, HERZELIA 46415 (IL). **COHEN, Allon** [IL/IL]; 20 NAHAL YAGUR STREET, MODYIN 71700 (IL). **LORCH, Jephthah** [IL/IL]; 9 HATAMAR STREET, RAMOT-HASHAVIM 45930 (IL). **LAOR, Herzel** [IL/US]; 2050 HILLSDALE CIR., BOULDER, Colorado 80305 (US).

(74) **FENSTER, Paul et al.** / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, PETACH TIKVA 49002 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086099** (13) **A2**

(21) PCT/KR2004/000678

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ko (26) en

(30) 10-2003-0018639 **25 Mar/mar 2003 KR (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLANAR LIGHTWAVE CIRCUIT DEVICE USING OF PASSIVE OPTICAL ALIGNMENT

• DISPOSITIF À CIRCUIT PLAN DE PRODUCTION D'ONDES LUMINEUSES ET À ALIGNEMENT OPTIQUE PASSIF

(71) **LG CABLE LTD.** [KR/KR]; 19-20F ASEM Tower, 159, Samsung-dong, Gangnam-gu, Seoul 135-090 (KR).

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(72, 75) **CHO, Han-Dae** [KR/KR]; 115-1704 Hanil Town Apt., 881, Jowon-dong, Jangnan-gu, Suwon-si, Gyeonggi-do 440-850 (KR). **CHOI, Jung-Ho** [KR/KR]; 176-18 Yonghyeon 1-dong, Nam-gu, Incheon 402-822 (KR). **RYU, Gi-Han** [KR/KR]; 903-1202 Geumgang Apt., Sanbon-dong, Gunpo-si, Gyeonggi-do 435-040 (KR). **SHIN, Sang-Gil** [KR/KR]; 108-2206 LG Village Apt., Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-706 (KR). **PARK, Seung-Bae** [KR/KR]; 108-1006 Saetheol Apt., Bisan-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-050 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086100** (13) **A2**

(21) PCT/US2004/008495

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/393,114 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR CONVERTING OR OTHERWISE UTILIZING RADIATION PRESSURE TO GENERATE MECHANICAL WORK

• METHODE ET APPAREIL POUR CONVERTIR OU POUR UTILISER UNE PRESSION DE RAYONNEMENT POUR GENERER UN TRAVAIL MECANIQUE

(71) **SPACEDESIGN CORPORATION** [US/US]; P.O. Box 1045, Houston, TX 77251-1045 (US).

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(72, 75) **CLAY, Joseph, M.** [US/US]; 1818 Brun Street, Houston, TX 77019 (US).

(74) **AMATONG, Alberto, Q., JR.**; The Morris Law Firm, P.C., 10260 Westheimer, Suite 360, Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086101 (13) A2

(21) PCT/US2004/008778

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/395,757 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SURGICAL MICROSCOPE DRAPE ASSEMBLY

• ENSEMBLE DRAPAGE POUR MICROSCOPE CHIRURGICAL

(71) ABS MED, INC. [US/US]; 229 North Cass Avenue, Westmont, IL 60559 (US).
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(72, 75) BALA, Andrew, J. [US/US]; 48 Golf Avenue, Clarendon Hills, IL 60514 (US).

(74) OLSON, Arne, M. et al. / etc.; Olson & Hi-erl, Ltd., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/02, 6/12

(11) WO 2004/086102 (13) A1

(21) PCT/JP2004/001468

(22) 12 Feb/fév 2004 (12.02.2004)

(25) ja (26) ja

(30) 2003-84893 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TWO-DIMENSIONAL PHOTONIC CRYSTAL, AND WAVEGUIDE AND RESONATOR USING THE SAME

• CRISTAL PHOTONIQUE BIDIMENSIONNEL ET GUIDE D'ONDE ET RESONATEUR L'UTILISANT

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
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(72, 75) ENOKIDO, Yasushi [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) NAITO, Teruo; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/04, 5/23, C07D 311/78, 311/92, C09K 9/02

(11) WO 2004/086103 (13) A1

(21) PCT/US2004/007995

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/393,178 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTOCROMIC OCULAR DEVICES

• DISPOSITIFS OCULAIRES PHOTOCROMIQUES

(71) TRANSITIONS OPTICAL INC. [US/US]; 9251 Belcher Road, Pinellas Park, FL 33782 (US).

(72) VAN GEMERT, BARRY; 2004 High Pointe Court, Murrys ville, PA 15668 (US).

(74) MALLAK, Frank, P. et al. / etc.; PPG Industries, Inc., Intellectual Property, 39th Floor, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/10

(11) WO 2004/086104 (13) A1

(21) PCT/JP2004/004160

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083917 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTI-REFLECTION COATING

• REVETEMENT ANTIREFLECHISANT

(71) ORGANIZATION OF SHINSHU UNIVERSITY [JP/JP]; 1-1, Asahi 3-chome, Matsumoto-shi, Nagano 3908621 (JP).

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(72, 75) TANIGUCHI, Yoshio [JP/JP]; c/o Faculty of Textile Science and Technology, Organization of Shinshu University, 15-1, Tokida 3-chome, Ueda-shi, Nagano 3868567 (JP). MURAKAMI, Yasushi [JP/JP]; c/o Faculty of Textile Science and Technology, Organization of Shinshu University, 15-1, Tokida 3-chome, Ueda-shi, Nagano 3868567 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building, 8th Floor, 2-14, Yotsuya, Shinjuku-ku, Tokyo 1600004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00

(11) WO 2004/086105 (13) A2

(21) PCT/IB2004/050292

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03100742.0 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LAMP

• LAMPE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 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) RITZ, Arnd [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisschausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisschausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/128, B32B 7/02

(11) WO 2004/086106 (13) A1

(21) PCT/JP2004/004309

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-85462 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSPARENT RETROREFLECTION MATERIAL

• MATERIAU RETROREFLECHISSANT TRANSPARENT

(71) SHISEIDO CO., 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) WADA, Masayoshi [JP/JP]; c/o Shiseido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). KIMURA, Asa [JP/JP]; c/o Shiseido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).

(74) IWAHASHI, Yuji; 1-11-8, Higashikanagawa, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/28, 21/16

(11) WO 2004/086107 (13) A1

(21) PCT/JP2004/003975

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-84984 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-299223 22 Aug/août 2003 JP (22.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL FILTER AND OPTICAL APPARATUS

• FILTRE OPTIQUE ET DISPOSITIF OPTIQUE

(71) OLYMPUS CORPORATION [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) WADA, Yorio [JP/JP]; 5-2-10-301, Misugidai, Hanno-shi, Saitama 357-0041 (JP). KAWAMATA, Ken [JP/JP]; 3-28-17, Akebono-cho, Tachikawa-shi, Tokyo 190-0012 (JP). TOYOHARA, Nobuyoshi [JP/JP]; 6-9-10-3, Kamimizo, Sagami-hara-shi, Kanagawa 229-1123 (JP).

(74) TANAI, Sumio et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G03B 11/00

(11) WO 2004/086108 (13) A1

(21) PCT/EP2004/003221

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) TO2003A000234 27 Mar/mar 2003 IT (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A POLARIZING FILTER WITH A RADIAL LINEAR OUTPUT POLARISATION, PARTICULARLY FOR PHOTOGRAPHIC LENSES

• FILTRE DE POLARISATION A POLARISATION DE SORTIE LINEAIRE RADIALE DESTINE TOUT PARTICULIEREMENT AUX LENTILLES PHOTOGRAPHIQUES

(71) INFIM ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA [IT/IT]; Corso F. Perrone, 24, I-16152 Genova (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SLYUSARENKO, Sergiy (alias SLUSARENKO, Sergei) [UA/UA]; Shelkovitshnaya 16a, 9, Kiev (UA). ABBATE, Giancarlo [IT/IT]; Via Aniello Falcone, 56, I-80127 Napoli (IT).

(74) RAMBELLI, Paolo et al. / etc.; Jacobacci & Parters S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 6/36

(11) WO 2004/086109 (13) A1

(21) PCT/JP2004/004067

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-080866 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL CONNECTOR ASSEMBLING METHOD AND PARTS HOLDING BODY USING THE SAME, AND OPTICAL CONNECTOR

• PROCEDE D'ASSEMBLAGE DE CONNECTEUR OPTIQUE ET BOITIER RENFERMANT LES PIECES AINSI QUE CONNECTEUR OPTIQUE

(71) IRISO ELECTRONICS CO., LTD. [JP/JP]; 2-35-8, Kitamikata, Takatsu-ku, Kawasaki-shi, Kanagawa 2130005 (JP). SUMITOMO ELECTRIC FINE POLYMER, INC. [JP/JP]; 950, Asashiro-nishi 1-chome, Kumatori-cho, Sennan-gun, Osaka 590-0458 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MINATO, Akio [JP/JP]; c/o Iriso Electronics Co., Ltd., 2-35-8, Kitamikata, Takatsu-ku, Kawasaki-shi, Kanagawa 2130005 (JP). TAKAHAGI, Yuukichi [JP/JP]; c/o Sumitomo Electric Fine Polymer, Inc., 950, Oaza Noda, Kumatori-cho, Sennan-gun, Osaka 5900451 (JP).

(74) YOSHIDA, Kiyotaka et al. / etc.; Meiwa Bldg., 15-10, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/38

(11) WO 2004/086110 (13) A2

(21) PCT/IB2004/000747

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 0512/03 24 Mar/mar 2003 CH
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE AND PROCESS FOR THE AUTOMATIC INTRODUCTION OF A FIBRE INTO A FERRULE

• PROCEDE ET DISPOSITIF D'INTRODUCTION AUTOMATIQUE D'UNE FIBRE DANS UNE VIROLE

(71) SCHLEUNIGER HOLDING AG [CH/CH]; Bierigutstrasse 9, CH-3608 Thun (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜHLEMATTER, Ulrich [CH/CH]; Agernstrasse 68, CH-3705 Faulensee (CH). JOST, Michael [CH/CH]; Bellevuestrasse 1, CH-3600 Thun (CH).

(74) ROSENICH, Paul et al. / etc.; Patentbüro Paul Rosenich AG, BGZ, FL-9497 Triesenberg (LI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 6/12

(11) WO 2004/086111 (13) A1

(21) PCT/US2004/008897

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,555 24 Mar/mar 2003 US
(24.03.2003)(30) 60/477,348 11 Jun/juin 2003 US
(11.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTOELECTRONIC MODULE WITH COMPOSITE STRUCTURE

• MODULE OPTOELECTRONIQUE A STRUCTURE COMPOSITE

(71) PHOTON-X L.L.C.; 283 Great Valley Parkway, Malvern, PA 19355 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAO, Renfeng [CN/US]; 214 Montpelier Drive, Downingtown, PA 19335 (US). GARITO, Anthony [US/US]; 106 Rock Rose Lane, Radnor, PA 19087 (US). YENIAY, Aydin [TR/US]; 55 Iroquois Court, Wayne, PA 19087 (US).

(74) BURN, Brian; Min, Hsieh & Hack LLP, c/o Portfolio IP, P.O. Box 52050, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G02B 6/44

(11) WO 2004/086112 (13) A1

(21) PCT/US2004/007932

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/456,323 20 Mar/mar 2003 US
(20.03.2003)(30) 10/799,328 12 Mar/mar 2004 US
(12.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL FIBER INTERCONNECT CABINET

• ARMOIRE D'INTERCONNEXION DE FIBRES OPTIQUES

(71) TYCO ELECTRONICS CORPORATION [US/US]; 2901 Fulling Mill Road, Middletown, PA 17057-3163 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Jack, A., Jr. [US/US]; 227 Chris Court, Garner, NC 27529 (US). ALLEN, Barry, W. [US/US]; 408 Bonlee-Bennett Road, Siler City, NC 27344 (US). DOWLING, Douglas, F. [US/US]; 106 Whisperwood Drive, Cary, NC 27511 (US).

(74) GLATZ, Robert, W.; Tyco Electronics Corporation, 307 Constitution Drive, MS R20/2B, Menlo Park, CA 94025-1164 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 7/02, H04N 5/225

(11) WO 2004/086113 (13) A1

(21) PCT/IB2004/050285

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03100743.8 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CAMERA COMPRISING MEANS FOR RETAINING A LENS AT TWO DIFFERENT POSITIONS

• APPAREIL PHOTO COMPORTANT DES MOYENS DE RETENUE D'UN OBJECTIF DANS DEUX POSITIONS DIFFERENTES

(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) KASSENAAAR, Teunis, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adrian, Y.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G11B 7/135, H04N 5/225

(11) WO 2004/086114 (13) A1

(21) PCT/IB2004/050287

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03100747.9 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CAMERA COMPRISING MEANS FOR ACCURATELY FIXING THE DISTANCE BETWEEN A LENS AND AN IMAGE SENSOR CHIP

• APPAREIL PHOTO COMPRENANT DES MOYENS POUR REGLER DE FACON PRECISE LA DISTANCE ENTRE UN OBJECTIF ET UN CAPTEUR D'IMAGES SOUS FORME DE PUCE

(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) KASSENAAAR, Teunis, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adrian, Y.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁶ G02B 13/18, 13/00, 26/10, 3/02

(11) WO 2004/086115 (13) A1

(21) PCT/JP1998/003378

(22) 29 Jul/juil 1998 (29.07.1998)

(25) ja (26) ja

(30) 9-204814 30 Jul/juil 1997 JP
(30.07.1997)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SCANNING OPTICAL SYSTEM
• SYSTEME OPTIQUE A BALAYAGE

(71, 72) SUZUKI, Takatoshi [JP/JP]; c/o Nip-
pon Aspherical Lens Co., Ltd., 2-30, Mi-
namieguchi 3-chome, Higashiyodogawa-ku,
Osaka-shi, Osaka 533-0003 (JP). XING,
Tingwen [CN/JP]; c/o Nippon Aspheri-
cal Lens Co., Ltd., 2-30, Minamieguchi
3-chome, Higashiyodogawa-ku, Osaka-shi,
Osaka 533-0003 (JP).

(74) EHARA, Syogo et al. / etc.; Ehara Patent
Office, Osaka Shoko Building, 15-26, Edo-
bori 1-chome, Nishi-ku, Osaka-shi, Osaka
550-0002 (JP).

(81) US.

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(11.12.2001), 6330524

(51)⁷ G02B 21/00, C12M 1/34

(11) WO 2004/086116 (13) A1

(21) PCT/JP2004/004209

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-088929 27 Mar/mar 2003 JP
(27.03.2003)

(30) 2003-207738 18 Aug/août 2003 JP
(18.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OBSERVING TOOL AND OBSERVING
METHOD USING SAME

• OUTIL D'OBSERVATION ET PROCEDE
D'OBSERVATION AU MOYEN DE CET
OUTIL

(71) EFFECTOR CELL INSTITUTE INC.
[JP/JP]; 33-8, Komaba 1-chome, Meguro-ku,
Tokyo, 1530041 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANEGASAKI, Shiro [JP/JP]; 211,
2-3, Komaba 4-chome, Meguro-ku, Tokyo,
1530041 (JP). HAYASHI, Shinichi [JP/JP];
c/o OLYMPUS CO., LTD. 43-2, Hatagaya
2-chome, Shibuya-ku, Tokyo, 1510072 (JP).

(74) THE PATENT CORPORATE BODY
SHOWYOU INTERNATIONAL; 7F,
Yokohama HS-Bldg., 9-10, Kitasaiwai
2-chome, Nishi-ku, Yokohama-shi, Kana-
gawa, 2200004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/06, 21/16, 21/28

(11) WO 2004/086117 (13) A1

(21) PCT/EP2004/002388

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 14 125.1 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ASSEMBLY FOR ILLUMINATING OB-
JECTS WITH LIGHT OF DIFFERENT
WAVELENGTHS

• DISPOSITIF D'ECLAIRAGE D'OBJETS
AVEC UNE LUMIERE DE DIFFE-
RENTES LONGUEURS D'ONDES

(71) CARL ZEISS JENA GMBH [DE/DE];
Carl-Zeiss-Promenade 10, 07745 Jena (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WESTPHAL, Peter [DE/DE]; Kritze-
graben 6, 07743 Jena (DE). BUBLITZ,
Daniel [DE/DE]; Stumpfenburgweg 5b,
07743 Jena (DE).

(74) NIESTROY, Manfred; Geyer, Fehners &
Partner (G.b.R.), Sellierstrasse 1, 07745 Jena
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 26/00

(11) WO 2004/086118 (13) A1

(21) PCT/JP2004/003911

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-081170 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL FREQUENCY LINEAR
CHIRP VARIABLE UNIT

• UNITE DE VARIATION DE CHIRP LI-
NEAIRE A FREQUENCE OPTIQUE

(71) JAPAN SCIENCE AND TECHNOL-
OGY AGENCY [JP/JP]; 4-1-8, Hon-cho,
Kawaguchi-shi, Saitama 3320012 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MATSUDA, Isao [JP/JP]; 1-7-13,
Kobukuroya, Kamakura-shi, Kanagawa
2470055 (JP). MISAWA, Kazuhiko [JP/JP];
3-17-8, Kamisoshigaya, Setagaya-ku, Tokyo
1570065 (JP). LANG, Hiroyoshi [JP/JP];
4-5-16, Egota, Nakano-ku, Tokyo 1650022
(JP).

(74) HIRAYAMA, Kazuyuki; 6th Floor, Shin-
juku-gyoen Bldg., 2-3-10, Shinjuku, Shin-
juku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 26/02

(11) WO 2004/086119 (13) A1

(21) PCT/JP2004/003867

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-088753 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VARIABLE OPTICAL ATTENUATOR
• AFFAIBLISSEUR OPTIQUE VA-
RIABLE

(71) NTT ELECTRONICS CORPORA-
TION [JP/JP]; 12-1, Dogenzaka 1-chome,
Shibuya-ku, Tokyo 150-0043 (JP). 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) KURUMADA, Katsuhiko [JP/JP]; c/o NTT Electronics Corporation, 12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP). KANAYA, Masatoshi [JP/JP]; c/o NTT Electronics Corporation, 12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP). TAMAMURA, Toshiaki [JP/JP]; c/o NTT Electronics Corporation, 12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP). SUZUKI, Yoshihiko [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). ISHIZUYA, Tohru [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). SUZUKI, Junji [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). AKAGAWA, Keiichi [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) TANI, Yoshikazu; 6-20, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/00

(11) WO 2004/086120 (13) A2

(21) PCT/CH2004/000437

(22) 9 Jul/juil 2004 (09.07.2004)

(25) en (26) en

(30) 60/486,521 11 Jul/juil 2003 US (11.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE ASSEMBLY OF LIGHT INTEGRATORS

• PROCEDE DE MONTAGE D'INTEGRATEURS DE LUMIERE

(71) UNAXIS BALZERS AKTIENGESSELLSCHAFT [LI/LI]; FL-9496 Balzers (LI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREI, Bertram [AT/AT]; Kirchstrasse 1, A-6714 Nueziders (AT). KORNER, Norman [LI/LI]; Saxweg 20, FL-9495 Triesen (LI). SCHOLL, Ralph [DE/DE]; Obere Gasse 52, 71120 Grafenau (DE).

(74) TROESCH, Jacques; Troesch Scheidegger Werner AG, Schwäntenmos 14, CH-8126 Zumikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 27/00, G02F 1/37, H01S 3/02, G03F 7/20, 1/08, H01L 21/027, B23K 26/02

(11) WO 2004/086121 (13) A1

(21) PCT/JP2004/003820

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-079492 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL ELEMENT, OPTICAL SYSTEM, LASER DEVICE, EXPOSURE DEVICE, MASK TESTING DEVICE, AND HIGH POLYMER CRYSTAL PROCESSING DEVICE

• ELEMENT OPTIQUE, SYSTEME OPTIQUE, DISPOSITIF LASER, DISPOSITIF D'EXPOSITION ET DISPOSITIF DE TRAITEMENT DE CRISTAUX DE HAUT POLYMERE

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIWA, Satoshi [JP/JP]; c/o NIKON CORPORATION 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(74) HOSOE, Toshiaki; Corpo Fuji 605 3-6, Nishikanagawa 1-Chome, Kanagawa-ku, Yokohama-Shi, Kanagawa, 2210822 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/22, 27/02, G09F 13/30, G03B 21/62, 25/02, H04N 13/00, G03B 35/00

(11) WO 2004/086122 (13) A1

(21) PCT/GB2004/001258

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0307113.1 27 Mar/mar 2003 GB (27.03.2003)

(30) 0320598.6 3 Sep/sep 2003 GB (03.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI LENS OR LENTICULAR DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE MULTILENTILLES OU LENTRICULAIRE

(71, 72) POTTS, David, Harry [GB/GB]; 20 Lingfield Road, Wimbledon Village, London SW19 4QD (GB).

(74) WOOD, Graham; Bailey Walsh & CO, 5 York Place, Leeds LS1 2SD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/22, H04N 13/00

(11) WO 2004/086123 (13) A1

(21) PCT/IB2004/050284

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03100759.4 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • THREE-DIMENSIONAL DISPLAY

• AFFICHAGE TRIDIMENSIONNEL

(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) LIEDENBAUM, Coen, T., H., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KURT, Ralph [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VAN DEN HOOVEN, Jan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G02C 7/00

(11) WO 2004/086124 (13) A2

(21) PCT/FR2004/000626

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/03584 20 Mar/mar 2003 FR
(20.03.2003)

(30) 03/12697 28 Oct/oct 2003 FR
(28.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MIRROR-CHANGING CONFOCAL OPTICAL DEVICE
• DISPOSITIF OPTIQUE CONFOCAL AVEC CHANGEMENT DE MIROIR

(71, 72) LAUER, Vincent [FR/FR]; 1, villa de Beauté, F-94130 Nogent sur Marne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02C 7/02

(11) WO 2004/086125 (13) A1

(21) PCT/EP2003/014620

(22) 19 Dec/déc 2003 (19.12.2003)

(25) de (26) de

(30) 103 13 275.9 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CALCULATING AN INDIVIDUAL PROGRESSIVE LENS
• PROCÉDE POUR CALCULER UN VERRE PROGRESSIF INDIVIDUEL

(71) RODENSTOCK GMBH [DE/DE]; Isartalstrasse 43, 80469 München (DE).
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(72, 75) HASER, Stephan [DE/DE]; Hella-Von-Westarp-Strasse 41a, 81829 München (DE). WELK, Andrea [DE/DE]; Otkerstrasse 7, 81547 München (DE). ESSER, Gregor [DE/DE]; Madelsederstrasse 17, 81735 München (DE). ALTHEIMER, Helmut [DE/DE]; An der Halde 2, 87650 Baisweil-Lauchdorf (DE). HAIMERL, Walter [DE/DE]; Thalkirchnerstr. 78a, 80337 München (DE).

(74) ROCKE, Carsten; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G02F 1/035

(11) WO 2004/086126 (13) A1

(21) PCT/JP2003/003540

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WAVEGUIDE OPTICAL MODULATOR
• MODULATEUR OPTIQUE DE GUIDE D'ONDES

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) SUGIYAMA, Masaki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) MATSUMOTO, Takashi; MATSUMOTO & ASSOCIATES, Almond Akasaka Building 9th Floor, 2-2, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.

(51)⁷ G02F 1/13, 1/1333, 1/13357, G02B 27/22, G03B 35/24

(11) WO 2004/086127 (13) A1

(21) PCT/JP2004/004003

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082897 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-082898 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STEREOSCOPIC PICTURE DISPLAY DEVICE AND METHOD OF PRODUCING THE SAME
• AFFICHEUR D'IMAGE STEREOSCOPIQUE ET SON PROCÉDE DE FABRICATION

(71) SANYO ELECTRIC CO. LTD. [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). TOTTORI SANYO ELECTRIC CO. LTD. [JP/JP]; 3-201, Minamiyoshikata, Tottori-shi, Tottori, 6800843 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Shinichiro [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD., 3-201, Minamiyoshikata, Tottori-shi, Tottori, 6800843 (JP). ARAMATSU, Yoshiaki [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD., 3-201, Minamiyoshikata, Tottori-shi, Tottori, 6800843 (JP).

(74) WIN TECH PATENT OFFICE; 4th Fl., Wenping Kanda BLDG., 6-7, Kanda Kajicho 3-chome, Chiyoda-ku, Tokyo, 1010045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/133

(11) WO 2004/086128 (13) A1

(21) PCT/KR2004/000659

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10-2003-0018196 24 Mar/mar 2003 KR
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FOUR COLOR LIQUID CRYSTAL DISPLAY
• AFFICHEUR A CRISTAUX LIQUIDES QUATRE COULEURS

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Chang-Yeong [KR/KR]; Jin-san Maeul Samsung 5-cha Apt. 502-1305, 1161, Bojeong-ri, Gusung-myeon, Yon-gin-si, Gyeonggi-do 449-913 (KR). HONG, Mun-Pyo [KR/KR]; Hansol Maeul Cheonggu Apt. 112-205, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 101-116 (KR). LEE, Seong-Deok [KR/KR]; Shinil Apt. 102-1301, 15, Youngduck-ri, Gi-heung-eup, Yongin-si, Gyeonggi-do 449-908 (KR). ROH, Nam-Seok [KR/KR]; Hyoja-chon Hwasung Apt. 607-703, Seodang-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-769 (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/133

(11) WO 2004/086129 (13) A1

(21) PCT/KR2004/000685

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ko (26) en

(30) 10-2003-0018787 26 Mar/mar 2003 KR
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIQUID CRYSTAL DISPLAY AND
PANEL THEREFOR
• AFFICHAGE A CRISTAUX LIQUIDES
ET SON PANNEAU(71) SAMSUNG ELECTRONICS CO., LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KIM, Hee-Seob [KR/KR]; Sinyeong-
tong Hyundai Apt. 110-304, 865-1,
Banwol-ri, Tacan-eup, Hwasong-si,
Gyeonggi-do 445-973 (KR). KIM, Jong-Lae
[KR/KR]; Hyundai Parkvill 401, 44-7, Moon-
jeong-dong, Songpa-gu, Seoul 138-200 (KR).
YANG, Young-Chol [KR/KR]; 220-1201,
Jookong Apt. 2-danji, Keumjeong-dong,
Kunpo-si, Gyeonggi-do 435-050 (KR).
HONG, Sung-Kyu [KR/KR]; Donga villa
513-403, 512, Yatap-dong, Bundang-gu,
Seongnam-si, Gyeonggi-do 463-070 (KR).(74) YOU ME PATENT & LAW FIRM;
Teheran Bldg., 825-33 Yoksam-dong, Kang-
nam-Ku, Seoul 135-080 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/1333, 1/1345, 1/133, G09F 9/00

(11) WO 2004/086130 (13) A1

(21) PCT/JP2004/003892

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-088174 27 Mar/mar 2003 JP
(27.03.2003)(30) 2003-123801 28 Apr/avr 2003 JP
(28.04.2003)(30) 2003-123802 28 Apr/avr 2003 JP
(28.04.2003)(30) 2003-186532 30 Jun/juin 2003 JP
(30.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPLAY
• DISPOSITIF D'AFFICHAGE(71) SANYO ELECTRIC CO., LTD. [JP/JP];
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 570-0083 (JP). TOTTORI SANYO
ELECTRIC CO., LTD. [JP/JP]; 201, Mi-
namiyoshikata 3-chome, Tottori-shi, Tottori
680-8634 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) IKEUCHI, Toshio [JP/JP]; c/o Tot-
tori Sanyo Electric Co., Ltd., 201, Mi-
namiyoshikata 3-chome, Tottori-shi, Tottori
680-8634 (JP). HORIBE, Keiji [JP/JP];
82-2, Matoba 3-chome, Tottori-shi, Tot-
tori 680-0873 (JP). FUKUMASA, Kenji
[JP/JP]; 188, Uebirachi, Takaokashinmachi,
Toyota-shi, Aichi 473-0921 (JP). MAETA,
Hiroshi [JP/JP]; c/o Tottori Sanyo Electric
Co., Ltd., 201, Minamiyoshikata 3-chome,
Tottori-shi, Tottori 680-8634 (JP).(74) SANO, Shizuo; Tenmabashi-Yachiyo
Bldg. Bekkan, 2-6, Tenmabashi-Kyomachi,
Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51) G02F 1/1335

(11) WO 2004/086131 (13) A2

(21) PCT/JP2004/002166

(22) 25 Feb/fév 2004 (25.02.2004)

(25) ja (26) ja

(30) 2003-048044 25 Feb/fév 2003 JP
(25.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIQUID CRYSTAL DISPLAY ELE-
MENT OF SEMI-TRANSMISSION
TYPE
• ELEMENT D'AFFICHAGE A CRIS-
TAUX LIQUIDES DU TYPE A
SEMI-TRANSMISSION(71) TOSHIBA MATSUSHITA DISPLAY
TECHNOLOGY CO., LTD. [JP/JP]; 1-8,
Konan 4-chome, Minato-ku, Tokyo 108-0075
(JP).(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOTEN, Kazuhiro

(74) IKEUCHI SATO & PARTNER PATENT
ATTORNEYS; Oap Tower, 26th Floor, 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ CFCG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ G02F 1/1345, 1/13, H01R 11/00

(11) WO 2004/086132 (13) A1

(21) PCT/JP2004/004308

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086232 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIQUID CRYSTAL PANEL TESTING
DEVICE
• DISPOSITIF DE TEST D'ECRAN A
CRISTAUX LIQUIDES(71) NHK SPRING CO., LTD. [JP/JP]; 3-10,
Fukuura, Kanazawa-ku, Yokohama-shi,
Kanagawa, 2360004 (JP).
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SPRING CO., LTD., 3131, Miyadamura,
Kamiina-gun, Nagano, 3994301 (JP).(74) SAKAI, Hiroaki; Sakai International Patent
Office, Tokyo Club Building, 2-6, Ka-
sumigaseki 3-chome, Chiyoda-ku, Tokyo,
1000013 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/136

(11) WO 2004/086133 (13) A1

(21) PCT/KR2004/000702

(22) 27 Mar/mar 2004 (27.03.2004)

(25) en (26) en

(30) 10-2003-0019613 28 Mar/mar 2003 KR
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIQUID CRYSTAL DISPLAY AND
THIN FILM TRANSISTOR ARRAY
PANEL THEREFOR
• AFFICHEUR A CRISTAUX LIQUIDES
ET PANNEAU A SERIE DE TRANSIS-
TORS A FILM MINCE POUR CET AF-
FICHEUR(71) SAMSUNG ELECTRONICS CO. LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KIM, Dong-Gyu [KR/KR]; 523-1305,
1167, Poongduckcheon-ri, Suji-eup, Yon-
gin-si, Gyeonggi-do 449-840 (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33 Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/29

(11) WO 2004/086134 (13) A1

(21) PCT/RU2004/000079

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ru (26) ru

(30) 2003109494 26 Mar/mar 2003 RU (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTICHANNEL OPTOELECTRONIC SWITCHING SYSTEM
• SYSTEME DE COMMUTATION OPTOELECTRONIQUE A CANAUX MULTIPLES

(71, 72) ZHUVIKIN, Georgii Viktorovich [RU/RU]; Komendantsky pr., 20-3-15, St.Petersburg, 197372 (RU). TEREKHOV, Andrey Nikolaevich [RU/RU]; ul. Botanicheskaya, 18-3-42, Stary Petergof, St. Petersburg, 198504 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/086135 (13) A1

(21) PCT/JP2004/003947

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085863 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-307693 29 Aug/août 2003 JP (29.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VIDEO DISPLAY SYSTEM
• AFFICHEUR VIDEO

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi Osaka, 5718501 (JP).
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(72, 75) HATTORI, Toshikazu KUWABARA, Takashi BARAKI, Susumu

(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suhiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi Osaka, 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/086136 (13) A1

(21) PCT/JP2004/004321

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-86909 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL UNIT AND PROJECTION TYPE IMAGE DISPLAY UNIT USING IT
• UNITE OPTIQUE ET UNITE D'AFFICHAGE D'IMAGE A PROJECTION L'UTILISANT

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
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(72, 75) HIRATA, Koji [JP/JP]; c/o Hitachi, Ltd., Digital Media Division, 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). NAKASHIMA, Tsutomu [JP/JP]; c/o Hitachi, Ltd., Digital Media Division, 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). YATSU, Masahiko [JP/JP]; c/o Hitachi, Ltd., Digital Media Division, 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). MASUOKA, Nobuo [JP/JP]; c/o Hitachi, Ltd., Digital Media Division, 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(74) OGAWA, Katsuo; Nitto International Patent Office, 8th Floor, No.17 Arai Building, 3-3, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/14

(11) WO 2004/086137 (13) A1

(21) PCT/AU2004/000368

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003901353 25 Mar/mar 2003 AU (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A VIDEO PROJECTOR AND OPTICAL ENGINE
• PROJECTEUR VIDEO ET MOTEUR OPTIQUE

(71) DIGISLIDE INTERNATIONAL PTY LTD [AU/AU]; 55 King William Street, North Adelaide, South Australia 5006 (AU).
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(72, 75) SOPER, Kevin, James [AU/AU]; 2 Doradus Avenue, Hope Valley, South Australia 5090 (AU). BANKS, Philip, Brendan [AU/AU]; 16 Ariadne Crescent, Modbury Heights, South Australia 5092 (AU).

(74) LESICAR PERRIN; 49 Wright Street, ADELAIDE, South Australia 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/26

(11) WO 2004/086138 (13) A1

(21) PCT/GB2004/001040

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 0307048.9 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESSING METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE TRAITEMENT

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).
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(72, 75) **FYSON, John, Richard** [GB/GB]; "Tortworth", 8 Meynell Crescent, Hackney, London E9 7AS (GB). **HEWITSON, Peter** [GB/GB]; 52 Manor Waye, Uxbridge, Middlesex UB8 2BQ (GB).

(74) **BARKER, Brenda**; Kodak Limited, Patent Department, W92-3A, Headstone Drive, Harrow, Middlesex, HA1 4TY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/26, 5/31

(11) WO 2004/086139 (13) A1

(21) PCT/GB2004/001043

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 0307046.3 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTOGRAPHIC PROCESSING SOLUTIONS
• SOLUTIONS DE TRAITEMENT PHOTOGRAPHIQUE

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).
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(72, 75) **FYSON, John, Richard** [GB/GB]; "Tortworth", 8 Meynell Crescent, Hackney, London E9 7AS (GB). **HEWITSON, Peter** [GB/GB]; 52 Manor Waye, Uxbridge, Middlesex UB8 2BQ (GB).

(74) **BARKER, Brenda**; Kodak Limited, Patent Department, W92-3A, Headstone Drive, Harrow, Middlesex, HA1 4TY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/388, 1/035, 1/74

(11) WO 2004/086140 (13) A1

(21) PCT/JP2003/003606

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SILVER HALIDE COLOR PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL

• MATIERE SENSIBLE A LA LUMIERE PHOTOGRAPHIQUE COLOREE D'HALOGENURE D'ARGENT

(71) **KONICA CORPORATION** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).

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(72, 75) **HARA, Akiko** [JP/JP]; c/o Konica Corporation, 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G03C 7/388, 7/32

(11) WO 2004/086141 (13) A1

(21) PCT/JP2003/003607

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COLOR MATERIAL AND SILVER HALIDE COLOR PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL

• MATIERE COLOREE ET MATIERE SENSIBLE A LA LUMIERE PHOTOGRAPHIQUE COLOREE D'HALOGENURE D'ARGENT

(71) **KONICA CORPORATION** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).

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(72, 75) **HAKII, Takeshi** [JP/JP]; c/o Konica Corporation, 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G03C 11/00, G03D 3/06

(11) WO 2004/086142 (13) A1

(21) PCT/GB2004/001046

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 0307051.3 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTOGRAPHIC PROCESSING
• TRAITEMENT PHOTOGRAPHIQUE

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FYSON, John, Richard** [GB/GB]; "Tortworth", 8 Meynell Crescent, Hackney, London E9 7AS (GB).

(74) **BARKER, Brenda**; Kodak Limited, Patent Department, W92-3A, Headstone Drive, Harrow, Middlesex, HA1 4TY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/08, 1/14

(11) WO 2004/086143 (13) A2

(21) PCT/US2004/008335

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/456,518 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-STEP PROCESS FOR ETCHING PHOTOMASKS

• PROCEDE A PLUSIEURS ETAPES PERMETTANT D'ATTAQUER CHIMIQUEMENT DES PHOTOMASQUES

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

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(72, 75) **BROOKS, Cynthia, B.** [US/US]; 111 Franklin Boulevard, Austin, TX 78751 (US). **BUJE, Melissa, J.** [US/US]; 3463 Rosedale Drive, San Jose, CA 95117 (US). **STOEHR, Brigitte, C.** [US/US]; 1369 Alder Lake Court, San Jose, CA 95131 (US).

(74) **PATTERSON, Todd, B.** et al. / etc.; Moser, Patterson & Sheridan, L.L.P., Suite 1500, 3040 Post Oak Boulevard, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/022

(11) WO 2004/086144 (13) A1

(21) PCT/JP2004/003621

- (22) 18 Mar/mar 2004 (18.03.2004)
(25) ja (26) ja
(30) 2003-082067 25 Mar/mar 2003 JP
(25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PHOTSENSITIVE RESIN COMPOSITION
• COMPOSITION DE RESINE PHOTOSENSIBLE
(71) CLARIANT INTERNATIONAL LTD. [CH/CH]; Rothausstrasse 61, Muttentz 1, CH4132 (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TAKAHASHI, Shuichi [JP/JP]; c/o Clariant(Japan)K.K. 3810, Chihama, Daitocho, Ogasa-gun, Shizuoka, 4371496 (JP). KAWATO, Shunji [JP/JP]; c/o Clariant(Japan)K.K. 3810, Chihama, Daitocho, Ogasa-gun, Shizuoka, 4371496 (JP). NOGUCHI, Takuya [JP/JP]; c/o Clariant(Japan)K.K. 3810, Chihama, Daitocho, Ogasa-gun, Shizuoka, 4371496 (JP).
(74) KANAO, Hiroki et al. / etc.; Mutsumi International Patent Bureau Chiyada Office, Bandai Bldg. 2nd Floor, 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo, 1010063 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/038, 7/027, G02B 5/20, G02F 1/1335
(11) WO 2004/086145 (13) A1
(21) PCT/JP2004/004001
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-080943 24 Mar/mar 2003 JP
(24.03.2003)
(30) 2003-080961 24 Mar/mar 2003 JP
(24.03.2003)
(30) 2003-080977 24 Mar/mar 2003 JP
(24.03.2003)
(30) 2003-080991 24 Mar/mar 2003 JP
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • CURABLE RESIN COMPOSITION, PHOTSENSITIVE PATTERN-FORMING CURABLE RESIN COMPOSITION, COLOR FILTER, SUBSTRATE FOR LIQUID CRYSTALLINE PANEL, AND LIQUID CRYSTALLINE PANEL
• COMPOSITION DE RESINE DURCISABLE, COMPOSITION DE RESINE DURCISABLE A CONFIGURATION PHOTSENSIBLE, FILTRE COULEUR,

- SUBSTRAT POUR PANNEAU A CRISTAUX LIQUIDES ET PANNEAU A CRISTAUX LIQUIDES
(71) DAI NIPPON PRINTING CO. LTD. [JP/JP]; 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).
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(72, 75) HAYASHI, Shinji [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP). SEGA, Shunsuke [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP). TAGUCHI, Hiromu [JP/JP]; c/o TOAGOSEI CO., LTD. NAGOYA RESEARCH & DEVELOPMENT INSTITUTE, 1-1, Funamicho, Minato-ku, Nagoya, Aichi, 4550027 (JP). HASEGAWA, Mitsutaka [JP/JP]; c/o TOAGOSEI CO., LTD. NAGOYA RESEARCH & DEVELOPMENT INSTITUTE, 1-1, Funamicho, Minato-ku, Nagoya, Aichi, 4550027 (JP).
(74) KISHIMOTO, Tatsuhito et al. / etc.; c/o TOKYO CENTRAL PATENT FIRM, 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo, 1040031 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/038
(11) WO 2004/086146 (13) A1
(21) PCT/KR2004/000640
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ko (26) en
(30) 10-2003-0018127 24 Mar/mar 2003 KR
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • TRANSPARENT, HIGHLY HEAT-RESISTANT POLYIMIDE PRECURSOR AND PHOTSENSITIVE POLYIMIDE COMPOSITION THEREOF
• PRECURSEUR DE POLYIMIDE EXTREMEMENT RESISTANT A LA CHALEUR, TRANSPARENT, ET COMPOSITION POLYIMIDE PHOTSENSIBLE DE CE PRECURSEUR
(71) LG CHEM LTD [KR/KR]; LG Twin Tower, East Tower, 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 (KR).
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(72, 75) KIM, Dong-Seok [KR/KR]; LG Sawon Apt. 8-208, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). AHN, Yong-Sik [KR/KR]; Jooho Villa Na dong #101, 1076-1 Namhyeon-dong, Gwanak-gu, Seoul 151-800

- (KR). KIM, Kyung-Jun [KR/KR]; Lucky Apt. 6-106, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). YI, Mi-Hie [KR/KR]; Sejong Apt. 108-103, Jeonmin-dong, Yusong-gu, Daejeon 305-728 (KR).
(74) CHO, In-Jae; NewKorea International Patent & Law Office, 3rd Fl., Janghyun Bldg., 637-23, Yeoksam-dong, Gangnam-gu, Seoul 135-909 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ G03F 7/039
(11) WO 2004/086147 (13) A2
(21) PCT/CA2004/000431
(22) 23 Mar/mar 2004 (23.03.2004)
(25) en (26) en
(30) 2,423,531 26 Mar/mar 2003 CA
(26.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD OF IMPARTING PATTERNS OF SURFACE RELIEF TO RIGID SUBSTRATES
• PROCEDE PERMETTANT DE TRANSFERER DES MOTIFS DE RELIEF DE SURFACE SUR DES SUBSTRATS RIGIDES
(71) SHAWCOR LTD. [CA/CA]; 25 Bethridge Road, Toronto, Ontario M9W 1M7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CHAND, Winston G. [CA/CA]; 27 Hardcastle Crt, Brampton, Ontario L6S 2B3 (CA). LAM, C.N. Catherine [CA/CA]; 151 Townsland Dr., Unit 31, Thornhill, Ontario L4J 8J7 (CA). LANDRETH, Nicola A. [CA/CA]; 211 Royal Valley Dr., Caledon, Ontario L7C 1C9 (CA). PHILLIPS, Cara L. [CA/CA]; 868 Finley Avenue, Ajax, Ontario L1S 3R9 (CA). POTTER, David K. [CA/CA]; 37 Cross Creek Blvd., Guelph, Ontario N1H 6J2 (CA). STEELE, Robert E. [CA/CA]; 228 Rosemar Gardens, Richmond Hill, Ontario L4C 3Z9 (CA).
(74) RIDOUT & MAYBEE LLP; One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03F 7/20, G02B 7/02, 7/14

(11) WO 2004/086148 (13) A1

(21) PCT/EP2003/003110

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR THE LOW-DEFORMATION REPLACEABLE MOUNTING OF AN OPTICAL ELEMENT

• DISPOSITIF POUR CRÉER UN LOGEMENT D'ÉLÉMENT OPTIQUE AMOVIBLE ET FAIBLE EN DÉFORMATIONS

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Stasse 22, 73447 Oberkochen (DE).

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(72, 75) SORG, Franz [DE/DE]; Buhlstrasse 19, 73447 Oberkochen (DE). WURMBRAND, Andreas [DE/DE]; Sonnenhalde 16, 73434 Aalen-Reichenbach (DE). PETASCH, Thomas [DE/DE]; Hegelstrasse 111/2, 73431 Aalen (DE). SCHAFFER, Dirk [DE/DE]; Eisenbahnstrasse 9, 73431 Aalen (DE).

(74) LORENZ, Werner; Alte Ulmer Str. 2, 89522 Heidenheim (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU 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 SG SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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

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(51)⁷ G03G 9/087, 5/08, 9/097, 15/20

(11) WO 2004/086149 (13) A1

(21) PCT/JP2004/004273

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-085821 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-175895 20 Jun/juin 2003 JP (20.06.2003)

(30) 2003-319852 11 Sep/sep 2003 JP (11.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TONER FOR ELECTROPHOTOGRAPHY AND IMAGE FORMING APPARATUS

• TONER POUR ELECTROPHOTOGRAPHIE ET APPAREIL DE FORMATION D'IMAGE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

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(72, 75) NAKAYAMA, Shinya [JP/JP]; City Corpo Hondamachi 301, 1-36, Honda-machi, Numazu-shi, Shizuoka 4100004 (JP). MOCHIZUKI, Satoshi [JP/JP]; Angel Heim Okaishiki 2-601, 27-1, Okaishiki, Numazu-shi, Shizuoka 4100012 (JP). IWAMOTO, Yasuaki [JP/JP]; 14-18, Ichimichi-cho, Numazu-shi, Shizuoka 4100866 (JP). ASAHINA, Yasuo [JP/JP]; Inamo Heights 205, 14-36, Wakaba-cho, Numazu-shi, Shizuoka 4100059 (JP). UMEMURA, Kazuhiko [JP/JP]; 498-28, Nakatogari, Nagaizumi-cho, Sunto-gun, Shizuoka 4110942 (JP). SUGIURA, Hideki [JP/JP]; 837-16, Miyajima, Fuji-shi, Shizuoka 4160945 (JP). NAKAJIMA, Hisashi [JP/JP]; Corpo Uehara, 1-17-1, Numakita-cho, Numazu-shi, Shizuoka 4100058 (JP). ICHIKAWA, Tomoyuki [JP/JP]; Corpo Sugimoto 101, 19-14, Takazawa-cho, Numazu-shi, Shizuoka 4100057 (JP). UT-SUMI, Tomoko [JP/JP]; Green Grass, 7-32, Honda-machi, Numazu-shi, Shizuoka 4100004 (JP). SAKATA, Koichi [JP/JP]; Takashimahoncho M's 503, 2-21, Takashimahoncho, Numazu-shi, Shizuoka 4100055 (JP). KOTSUGAI, Akihiro [JP/JP]; 3135-15, Shimokanukizendayu, Numazu-shi, Shizuoka 4100822 (JP). UCHINOKURA, Osamu [JP/JP]; Sunrise Otsuka 103, 1069-1, Otsuka, Numazu-shi, Shizuoka 4100306 (JP). ISHII, Masayuki [JP/JP]; Park Hills Ooka 205, 995-1, Ooka, Numazu-shi, Shizuoka 4100022 (JP).

(74) HIROTA, Koichi; Hirota, Nagare & Associates, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 15/16

(11) WO 2004/086150 (13) A1

(21) PCT/DK2004/000213

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,674 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRINTING ON METAL BY SELECTIVE ELECTROSTATIC POWDER COATING

• IMPRESSION SUR DU METAL PAR POUDRAGE ELECTROSTATIQUE SELECTIF

(71) MULTI SIGN A/S [DK/DK]; Nørregade 11-13, DK-5330 Munkebo (DK).

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(72, 75) LARSEN, Henrik, Givskov [DK/DK]; Grønhojvej 22, DK-8450 Hammel (DK). SCHOU, Henning [DK/DK]; Grønningen 32, DK-5330 Munkebo (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G03H 1/02, 1/04, G03F 7/004

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(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-079523 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HOLOGRAPHIC RECORDING MEDIUM AND RECORDING METHOD THEREFOR

• SUPPORT D'ENREGISTREMENT HOLOGRAPHIQUE ET PROCÉDE D'ENREGISTREMENT AFFÉRENT

(71) KONICA MINOLTA HOLDINGS, INC. [JP/JP]; 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(72) TAKEYAMA, Toshihisa; c/o Konica Minolta Medical & Graphic, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086152 (13) A2

(21) PCT/US2004/008705

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/394,642 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TIMEPIECE

• APPAREIL HORAIRE

(71, 72) SIMONSON, Peter, M. [US/US]; 85 Palm Avenue, Miami Beach, FL 33139 (US).

(74) NELSON, Gregory, A.; Akerman Senterfitt, 222 Lakeview Avenue, Suite 400, West Palm Beach, FL 33401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/26

(11) WO 2004/086153 (13) A2

(21) PCT/FR2004/000634

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/03445 20 Mar/mar 2003 FR
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TIMEPIECE WHICH INDICATES STANDARD TIME

• DISPOSITIF HORAIRE POUR INDICER L'HEURE LEGALE

(71, 72) MOULARD, Jean-Louis [FR/FR]; 27, rue de la Boulie, F-91370 Verrières Le Buisson (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086154 (13) A2

(21) PCT/KR2004/000641

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko

(26) en

(30) 10-2003-0019166 27 Mar/mar 2003 KR
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTOMATIC WATER LEVEL CONTROL DEVICE WITH FLOAT VALVE USING INTERNAL WATER PRESSURE GRAVITY AND BUOYANCY

• DISPOSITIF DE COMMANDE DE NIVEAU D'EAU AUTOMATIQUE PRESENTANT UNE VANNE DE FLOTTAISON, FAISANT APPEL A LA PRESSION DE L'EAU, LA GRAVITE ET LA FLOTTABILITE

(71, 72) LEE, Hak Jae [KR/KR]; 28, Jiyoung-dong, Ilsan-ku., Koyang-city, Kyunggi-do 411-540 (KR).

(74) LEE, Jung Ik; RM, 405, Newseoul Bldg, 828-8., Yeoksam-dong, Kangnam-ku., Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/04

(11) WO 2004/086155 (13) A2

(21) PCT/US2004/008357

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,060 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND ARTICLES FOR DETECTING, VERIFYING, AND REPAIRING COLLINEARITY

• PROCEDES ET ARTICLES DE DETECTION, VERIFICATION ET REPARATION DE COLINEARITES

(71) ASPEN TECHNOLOGY, INC. [US/US]; 10 Canal Park, Cambridge, MA 02141 (US).
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(72, 75) ZHENG, Qingsheng [CN/US]; 131 Cedar Terrace Ct., Sugar Land, TX 77479 (US). HARMSE, Magiel, J. [ZA/US]; 3 Walnut Drive, Great Shelford, Cambridge CB2 5SL (GB). RASMUSSEN, Kent, H. [DK/US]; 1305 Anacapa Street, Santa Barbara, CA 93101 (US). MCINTYRE, Blaine [CA/CA]; 707-8th Avenue, S.W., Suite 800, Calgary, Alberta T2P 1H5 (CA).

(74) WAKIMURA, Mary Lou 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 19/042

(11) WO 2004/086156 (13) A2

(21) PCT/EP2004/003141

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 389.5 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TRANSMITTING A SOFTWARE CODE FROM A CONTROL UNIT TO A FIELD DEVICE OF PROCESS AUTOMATION TECHNOLOGY

• PROCEDE DE TRANSMISSION D'UN CODE DE LOGICIEL D'UNE UNITE DE COMMANDE A UN APPAREIL DE TERRAIN ASSOCIE A LA TECHNIQUE D'AUTOMATISATION DE PROCESSUS

(71) ENDRESS + HAUSER PROCESS SOLUTIONS AG [CH/CH]; Christoph-Merian-Ring 23, CH-4153 Reinach (CH).

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(72, 75) DA SILVA NETO, Eugenio, Ferreira [BR/CH]; Bachgasse 20, CH-4105 Biel-Benken (CH).

(74) HAHN, Christian; Endress + Hauser (DE) Holding GmbH, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 19/042, B60G 17/015

(11) WO 2004/086157 (13) A1

(21) PCT/EP2004/050217

(22) 27 Feb/fév 2004 (27.02.2004)

(25) de (26) de

(30) 103 13 409.3 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR THE PREVENTION OF ERRONEOUS ACTUATOR ACCESS

IN A MULTIFUNCTIONAL GENERAL ELECTRONIC CONTROL SYSTEM

- PROCEDE POUR EVITER DES ACCES INCORRECTS A DES ACTIONNEURS DANS UN SYSTEME DE REGULATION GLOBAL ELECTRONIQUE ET MULTIFONCTIONNEL

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestrasse 7, 60488 Frankfurt (DE).
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(72, 75) **KOHL, Andreas** [DE/DE]; Am Obstmarkt 34, 55126 Mainz (DE). **KEBBEL, Christian** [DE/DE]; Schenkstrasse 12, 60489 Frankfurt (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestrasse 7, 60488 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G05B 19/12, F02D 41/24, F02M 61/16**

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(21) PCT/DE2003/002827

(22) **25 Aug/août 2003 (25.08.2003)**

(25) de (26) de

(30) 103 12 914.6 **22 Mar/mar 2003 DE (22.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUEL INJECTION VALVE AND INTERNAL COMBUSTION ENGINE

- SOUPAPE D'INJECTION DE CARBURANT ET SYSTEME A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) **KOEHLER, Daniel**; Goerlitzer Strasse 40, 71701 Schwieberdingen (DE).

(81) CN IN 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 **G05B 19/401**

(11) **WO 2004/086159** (13) A2

(21) PCT/EP2004/002074

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) de (26) de

(30) 103 14 306.8 **25 Mar/mar 2003 DE (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CO-ORDINATE MEASURING DEVICE
• APPAREIL DE MESURE PAR COORDONNEES

(71) **CARL ZEISS INDUSTRIELLE MESSTECHNIK GMBH** [DE/DE]; Carl Zeiss Strasse 22, 73447 Oberkochen (DE).
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(72, 75) **WALTHER, Jörg** [DE/DE]; August-Lämmle-Strasse, 89547 Gerstetten (DE). **HAUG, Helmut** [DE/DE]; Schönblickstrasse 21, 73760 Ostfildern (DE). **BÜLOW, Rolf** [DE/DE]; Obere Wiesenstrasse 4, 73760 Ostfildern (DE). **HERDTLE, Gerhardt** [DE/DE]; Ringstrasse 15, 73257 Köngen (DE).

(74) **DUHME, Torsten et al.** / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G05B 19/418**

(11) **WO 2004/086160** (13) A1

(21) PCT/US2004/008413

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/394,683 **21 Mar/mar 2003 US (21.03.2003)**

(30) 10/801,195 **16 Mar/mar 2004 US (16.03.2004)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOTE DATA VISUALIZATION WITHIN AN ASSET DATA SYSTEM FOR A PROCESS PLANT

- VISUALISATION DE DONNEES A DISTANCE AVEC SYSTEME DE DONNEES D'ACTIFS DESTINE A UNE INSTALLATION DE TRAITEMENT

(71) **FISHER-ROSEMOUNT SYSTEMS, INC.** [US/US]; 8301 Cameron Road, Austin, TX 78754 (US).
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(72, 75) **ARMSTRONG, Steve** [US/US]; 5410 South Park Drive, Savage, MN 55378 (US). **HOKENESS, Scott** [US/US]; 17335 Jade Terrace, Lakeville, MN 55044 (US). **DOBROWSKI, Patrick** [US/US]; 408 Oakland Lane, Burnsville, MN 55337 (US).

(74) **HEPPERMAN, Roger, A.**; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 20030442 **25 Mar/mar 2003 FI (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INITIALIZING POSITION AND DIRECTION OF MINING VEHICLE

- INITIALISATION DE LA POSITION ET DE LA DIRECTION D'UN VEHICULE D'EXPLOITATION MINIERE

(71) **SANDVIK TAMROCK OY** [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI).
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(72, 75) **MÄKELÄ, Hannu** [FI/FI]; Revovuorentie 7 B D, FI-00670 Helsinki (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 23/19, F24C 7/08

(11) WO 2004/086162 (13) A1

(21) PCT/EP2004/002546

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 103 13 595.2 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTROLLING A COOKING PROCESS, AND COOKING APPLIANCE

• PROCEDE DE COMMANDE D'UN PROCESSUS DE CUISSON ET DISPOSITIF DE CUISSON

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

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(72, 75) HABERKAMM, Ramona [DE/DE]; Kantstr. 18b, 83301 Traunreut (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086163 (13) A2

(21) PCT/GB2004/000903

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 0306739.4 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEDIATOR-BASED RECOVERY MECHANISM FOR MULTI-AGENT SYSTEM

• MECANISME DE REPRISE FAISANT INTERVENIR UN MEDiateur POUR SYSTEME A AGENTS MULTIPLES

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

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(72, 75) LEE, Habin [KR/GB]; 4 West Lawn, Ipswich, Suffolk IP4 3LJ (GB). SHEPHERDSON, John, William [GB/GB]; 4 Abbey Road, Sudbury, Suffolk CO10 1LA (GB).

(74) LLOYD, Barry, George, William; Bt Group Legal, Intellectual Property Department, PP: C5A BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086164 (13) A2

(21) PCT/IB2004/000845

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/396,123 25 Mar/mar 2003 US
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTIMAL LOCATION SERVICE FOR MANAGING NEXT HOP ADDRESSING FOR MESSAGES ASSOCIATED WITH MULTIPLE ADDRESS SCHEMES

• SERVICE OPTIMAL DE LOCALISATION POUR GERER L'ADRESSAGE DU PROCHAIN SAUT DE MESSAGES ASSOCIES A DES SCHEMAS D'ADRESSES MULTIPLES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) COSTA-REQUENA, Jose; Karjalankatu 11 A 11, FIN-00520 Helsinki (FI). AARNOS, Jyrki; Ohjaskuja 5, FIN-36240 Kangasala (FI). WESTMAN, Ilkka; Keuruuntie 3-13 E 21, FIN-00510 Helsinki (FI). KHARTABIL, Hisham; Eteläinen Rautatiekatu 16a A, 3, FIN-00100 Helsinki (FI).

(74) FUNK, Steven; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086165 (13) A2

(21) PCT/IL2004/000273

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 155095 26 Mar/mar 2003 IL
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTERACTIVE AUTOMATED ARTICLE DISPENSING SYSTEM

• SYSTEME DE DISTRIBUTION D'ARTICLES AUTOMATISE INTERACTIF

(71, 72) POLINER, Shmuel [IL/IL]; 7 Haavoda St., Hadera 38247 (IL).

(74) FRIEDMAN, Mark, M.; 7 Haomanim Street, Tel Aviv 67897 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086166 (13) A2

(21) PCT/JP2004/003945

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-080266 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA PROTECTION MANAGEMENT APPARATUS AND DATA PROTECTION MANAGEMENT METHOD

• APPAREIL DE GESTION DE PROTECTION DE DONNEES ET PROCEDE DE GESTION DE PROTECTION DE DONNEES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

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(72, 75) **WEBER, Daniel** **WALTER, Stefan** **KUBOTA, Kenichi**

(74) **KAWAMIYA, Osamu** et al. / etc.; AOYAMA & PARTNERS IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086167** (13) A2

(21) PCT/SG2003/000057

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND SYSTEMS FOR PROVIDING EGOVERNMENT SERVICES TO THE PUBLIC, ANYTIME, ANYWHERE, USING ANY TYPE OF COMMUNICATION DEVICES

• PROCEDES ET SYSTEMES PERMETTANT D'OFFRIR AU PUBLIC DES SERVICES ELECTRONIQUES D'ADMINISTRATION PUBLIQUE A TOUT MOMENT, EN TOUT LIEU ET AU MOYEN DE TOUT TYPE DE DISPOSITIFS DE COMMUNICATION

(71, 72) **ANDY KONG @ ANDY WIJAYAKUSUMA** [SG/SG]; Blk 297, Punggol Central, #04-477, Singapore 820297 (SG).

(81) AU 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) **WO 2004/086168** (13) A2

(21) PCT/US2004/006328

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) en (26) en

(30) 10/394,447 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NON-INVASIVE AUTOMATIC OFF-SITE PATCH FINGERPRINTING AND UPDATING SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ATTRIBUTION D'EMPREINTES DE RETOUCHE ET DE MISE A JOUR AUTOMATIQUES, A DISTANCE ET SANS INTERVENTION

(71) **PATCHLINK CORPORATION** [US/US]; 3370 North Hayden Road, Suite 123PMB175, Scottsdale, AZ 85251 (US).

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(72, 75) **MOSHIR, Sean** [US/US]; 3370 North Hayden Road, Suite 123PMB175, Scottsdale, AZ 85251 (US). **ANDREW, Christopher, A., H.** [US/US]; 3290 West Mulberry Drive, Chandler, AZ 85248 (US). **GORDON, Jonathan, M.** [US/US]; 5001 East Hilton Ave., Mesa, AZ 85206 (US). **BACON, Michael** [US/US]; 6932 West Briles Road, Peoria, AZ 85383 (US).

(74) **SHAHPAR, Shahpar** et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086169** (13) A2

(21) PCT/US2004/006626

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) en (26) en

(30) 10/392,627 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR MARKING DIGITAL CONTENT

• PROCEDE ET SYSTEME DE MARQUAGE DE CONTENU NUMERIQUE

(63) US 10/392,627 (CON) 19 Mar/mar 2003 (19.03.2003)

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US). **SONY CORPORATION** [JP/JP]; 7-35 Kitashinagawa, 6-Chome, Shinagawa-Ku, Tokyo (JP).

(72) **MOLARO, Donald, J.**; 1095 W. McKinley Avenue, Sunnyvale, CA 94086 (US).

(74) **GALLENSEN, Mavis, S.** et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 2004/086170** (13) A2

(21) PCT/US2004/006633

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) en (26) en

(30) 10/394,603 **21 Mar/mar 2003 US (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHODS FOR DISCLOSING TRANSACTION INFORMATION TO CUSTOMERS

• SYSTEME ET PROCEDES DE COMMUNICATION D'INFORMATIONS DE TRANSACTION A DES CLIENTS

(71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALGIENE, Kenneth** [US/US]; 9347 W. Vandeavor Dr., Littleton, CO 80128 (US). **THOMPSON, Mark** [US/US]; 5724 East 10th Avenue, Denver, CO 80220 (US).

(74) **GIBBY, Darin, J.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, 5 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086171** (13) A2

(21) PCT/US2004/006657

(22) **5 Mar/mar 2004 (05.03.2004)**

(25) en (26) en

(30) 10/391,689 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND APPARATUS FOR FACILITATING A TRANSACTION

• PROCEDES ET APPAREIL PERMETTANT DE FACILITER UNE TRANSACTION

(71) **GE CAPITAL FINANCIAL, INC.** [US/US]; 4246 South Riverboat Road, Salt Lake City, UT 84123 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Michael, S.** [US/US]; 10101 Wasatch Boulevard, Sandy, UT 84092 (US).

(74) HAYDEN, Scott 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086172 (13) A2

(21) PCT/US2004/007459

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/392,573 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM OF CONTEXT SCANNING
• PROCEDE ET SYSTEME DE BAYLAGE CONTEXTUEL

(71) IDX INVESTMENT CORPORATION [—/US]; 40 IDX Drive, South Burlington, VT 05403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARMAND, Richard, M. [US/US]; 16 Fox Run Road, Danvers, MA 01923 (US).

(74) MEIER, Lawrence, H.; Downs Rachlin Martin PLLC, 199 Main Street, P.O. Box 190, Burlington, VT 05402-0190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086173 (13) A2

(21) PCT/US2004/007504

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/394,514 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PERSUASIVE WEBSITE DESIGN SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CREATION DE SITE WEB PERSUASIF

(63) US 10/394,514 (CON) 21 Mar/mar 2003 (21.03.2003)

(71) PERSUASION ARCHITECTURE, INC. [US/US]; 2401 East 23rd St., Brooklyn, NY 11235 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EISENBERG, Jeffrey [US/US]; 2401 East 23rd St., Brooklyn, NY 11235 (US). EISENBERG, Bryan [US/US]; 2262 East 24th St., Brooklyn, NY 11229 (US). QUARTO-VONTIVADAR, John, C. [US/US]; 549 Morgan Ave., Apt. #3, Brooklyn, NY 11222 (US).

(74) BAHLER, David, D.; Fulbright & Jaworski, LLP, 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086174 (13) A2

(21) PCT/US2004/007748

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 60/454,756 14 Mar/mar 2003 US (14.03.2003)

(30) 60/493,749 8 Aug/août 2003 US (08.08.2003)

(30) 60/505,096 22 Sep/sep 2003 US (22.09.2003)

(30) 60/543,859 11 Feb/fév 2004 US (11.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BATCH-BASED METHOD AND TOOL FOR GRAPHICAL MANIPULATION OF WORKFLOWS

• PROCEDE FONDE SUR DES LOTS ET OUTIL DE MANIPULATION GRAPHIQUE DE FLUX DE TRAVAUX

(71) TERANODE CORPORATION [US/US]; 2815 Eastlake Avenue East, Suite 300, Seattle, Washington 98102 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARNSTEIN, Lawrence, F. [US/US]; 2518 East Miller Street, Seattle, Washington 98112 (US). LI, Zheng [US/US]; 4305 Somerset Boulevard Southeast, Bellevue, Washington 98006 (US). HILL, John, M. [US/US]; 13765 56th Avenue South, #C405, Tukwila, Washington 98168 (US). KELLEN, Michael, R. [US/US]; 6727 123rd Place Southeast, Bellevue, Washington 98006 (US). POULAIN, Christophe [FR/US]; 4225 191st Avenue Southeast, Issaquah, Washington 98027 (US). FANGER, Neil, A. [US/US]; 4032 Stone Way North, Apt. 302, Seattle, Washington 98103 (US). CHEN, Kuang [US/US]; 140 Northeast 52nd Street, Seattle, Washington 98105 (US).

(74) ABRAMONTE, Frank et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, Washington 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086175 (13) A2

(21) PCT/US2004/007881

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/394,937 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ERROR-CORRECTING CODE INTERLEAVER

• DISPOSITIF D'INTERCALAGE DE CODE DE CORRECTION D'ERREUR

(71) TERAYON COMMUNICATIONS SYSTEMS, INC. [US/US]; 4988 Great America Parkway, Santa Clara, CA 95054 (US).

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(72, 75) **FANFELLE, Robert, J.** [US/US]; 1077 Chesterton Avenue, Redwood City, CA 94061 (US). **HUBRIS, Alexander** [US/US]; 3287 Lac D'Azur Court, San Jose, CA 95148 (US).

(74) **KREBS, Robert, E.** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086176 (13) A2

(21) PCT/US2004/008012

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/457,118 24 Mar/mar 2003 US (24.03.2003)

(30) 60/457,043 24 Mar/mar 2003 US (24.03.2003)

(30) 60/473,959 28 May/mai 2003 US (28.05.2003)

(30) 60/477,522 11 Jun/juin 2003 US (11.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SATELLITE ASSISTED PUSH-TO-SEND RADIOTERMINAL SYSTEMS AND METHODS

• SYSTEMES ET PROCÉDES DE TERMINAUX RADIO A BOUTON POUSSOIR ASSISTES PAR SATELLITE

(71) **MOBILE SATELLITE VENTURES, L.P.** [US/US]; 10802 Parkridge Boulevard, Reston, VA 20191-5416 (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). **BOGATIN, Boris** [US/US]; 2601 Woodley Place, Apt. 101, Washington, DC 20008 (US). **DEOBALD, Brian** [US/US]; 5310 Elliott Road, Bethesda, MD 20816 (US). **DUTTA, Santanu** [US/US]; 201 Tawny Ridge Lane, Cary, NC 27513 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086177 (13) A2

(21) PCT/US2004/008041

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/396,985 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIRECT DATA PLACEMENT

• PLACEMENT DIRECT DE DONNEES

(71) **EMULEX DESIGN & MANUFACTURING CORPORATION** [US/US]; 3333 Susan Street, Costa Mesa, CA 92626 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **WILLIAMS, James, B.**; c/o Emulex Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US).

(74) **KUBOTA, Glenn, M.** et al. / etc.; Morrison & Foerster LLP, 555 W. Fifth Street, Suite 3500, Los Angeles, CA 90013 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086178 (13) A2

(21) PCT/US2004/008197

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/394,120 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND APPARATUS FOR SETTING RENTAL RATES FOR SELF-STORAGE UNITS

• PROCÉDES ET APPAREIL PERMETTANT D'ETABLIR DES TARIFS LOCATIFS POUR DES UNITES DE STOCKAGE AUTONOMES

(71) **GENERAL ELECTRIC CAPITAL CORPORATION** [US/US]; 260 Long Ridge Road, Stamford, CT 06927 (US).

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(72, 75) **CURTIS, Charles, L.** [US/US]; 225 North Avalon, Memphis, TN 38112 (US). **BROWN, Buck** [US/US]; 1812 Liles Lane,

Collierville, TN 38017 (US). **WILSON, Don** [US/US]; 30, Ave. Du Pres. Wilson, F-75116 Paris (FR). **HAUGH, Michael** [US/US]; 4503 Fair Meadows Road, Memphis, TN 38117 (US).

(74) **HAYDEN, Scott** 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086179 (13) A2

(21) PCT/US2004/008361

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,754 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FINANCING STRUCTURE

• STRUCTURE DE FINANCEMENT

(71) **THE NORSEMAN GROUP, LLC** [US/US]; 800 Lanidex Plaza, Suite 110, Parsippany, NJ 07054 (US).

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(72, 75) **MONSEN, Gordon, L.** [US/US]; 2861 Bodder Road, Riegelsville, PA 18077 (US). **YIU, Joseph, C.** [US/US]; 1265 15th St., Fort Lee, NJ 07024 (US).

(74) **BOUNDY, David, E.**; Willkie Farr & Gallagher, LLP, 787 Seventh Avenue, New York, NY 10019 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086180 (13) A2

(21) PCT/US2004/008368

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,748 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUDITING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE REVISION COMPTABLE

(71) **COMPUTER ASSOCIATES THINK, INC.** [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).

(72) **PRICE, Kevin**; Computer Associates International Inc., One Computer Associates Plaza, Islandia, NY 11749 (US). **GIUBILEO, John**; Computer Associates International Inc., One Computer Associates Plaza, Islandia, NY 11749 (US). **WOOLF, Chad**; Computer Associates International Inc., One Computer Associates Plaza, Islandia, NY 11749 (US).

(74) **JAWORSKI, Richard, F.** et al. / etc.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086181 (13) A2

(21) PCT/US2004/008405

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/391,867 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • KEYBOARD ERROR REDUCTION METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE REDUCTION DES ERREURS FAITES SUR UN CLAVIER

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHUA, Yong Tong** [SG/SG]; 62 Highland Road, Singapore 549147 (SG).

(74) **VAAAS, Randall S.** et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086182 (13) A2

(21) PCT/US2004/008427

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,773 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PUBLISHING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE PUBLICATION

(71, 72) **FARRAN, Howard, E.** [US/US]; 2119 East Clubhouse Drive, Phoenix, AZ 85048 (US).

(74) **ONEY, Richard, E.**; Fennemore Craig, Suite 2600, 3003 North Central, Phoenix, AZ 85012-2913 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/086183 (13) A2

(21) PCT/US2004/008448

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/390,689 19 Mar/mar 2003 US (19.03.2003)

(30) 10/390,710 19 Mar/mar 2003 US (19.03.2003)

(30) 10/390,709 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND SYSTEMS FOR ANALYTICAL-BASED MULTIFACTOR MULTIOBJECTIVE PORTFOLIO RISK OPTIMIZATION

• PROCEDES ET SYSTEMES D'OPTIMISATION DE RISQUE LIE AU PORTEFEUILLE, A FACTEURS ET A OBJECTIFS MULTIPLES, FONDEE SUR UNE ANALYSE

(71) **GE FINANCIAL ASSURANCE HOLDINGS, INC.** [US/US]; 6604 West Broad Street, Richmond, VA 23230 (US).

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(72, 75) **CHAKRABORTY, Anindya** [IN/US]; 1A4 Sheridan Village, Schenectady, NY 12308 (US). **CHALERMKRAIVUTH, Kete, Charles** [TH/US]; 25 Hillcrest Village E., Apt. B3, Niskayuna, NY 12309 (US). **CLARK, Michael, Craig** [US/US]; 21W731 Clifford Road, Glen Ellyn, IL 60137 (US). **MESSMER, Richard, Paul** [US/US]; 735 Riverview Road, Rexford, NY 12148 (US). **KIAER, Carol, Lynn** [US/US]; 14 East Street, Argyle, NY 12809 (US). **BOLLAPRAGADA, Srinivas** [IN/US]; 1187 Hillside Avenue, #3A34, Niskayuna, NY 12309 (US).

(74) **HAYDEN, Scott** et al. / etc.; GENERAL ELECTRIC COMPANY, 3135 Easton Turnpike (W3C), Fairfield, Connecticut 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086184 (13) A2

(21) PCT/US2004/008496

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,749 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOTE DISCOVERY AND SYSTEM ARCHITECTURE

• ARCHITECTURE DE SYSTEME ET DECOUVERTE A DISTANCE

(71) UNISYS CORPORATION [US/US]; Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (US).

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(72, 75) STEFANIAK, Joseph, P. [US/US]; 6805 Terraza Escondida, San Clemente, CA 92673 (US). MUTSCHLER, Eugene, O., III [US/US]; 39 Maracay, San Clemente, CA 92672 (US). ZIEBELL, Jonathan, V. [US/US]; 21391 Eastglen Drive, Trabuco Canyon, CA 92679 (US). VAZEHGOO, Mahmood, M. [US/US]; 1 Floweridge Circle, Laguna Niguel, CA 92677 (US). HARRISON, Robert, M. [US/US]; 27329 Paseo Placentia, San Juan Capistrano, CA 92675-5357 (US). MOORE, Jeffrey, A. [US/US]; 23522 Via Calzada, Mission Viejo, CA 92691 (US). STEEL, Charles, E. [US/US]; 224 S. Colfax Street, La Habra, CA 90631 (US).

(74) STARR, Mark, T. et al. / etc.; Unisys Corporation, Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086185 (13) A2

(21) PCT/US2004/008497

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en

(26) en

(30) 60/455,749 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RULES-BASED DEPLOYMENT OF COMPUTING COMPONENTS

• DEPLOIEMENT DE COMPOSANTS INFORMATIQUES BASE SUR DES REGLES

(71) UNISYS CORPORATION [US/US]; Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEVANATHAN, Sriram [IN/US]; 3900 Parkview Lane, Apartment 10D, Irvine, CA 92612 (US). HARRISON, Robert, M. [US/US]; 27329 Paseo Placentia, San Juan Capistrano, CA 92675-5357 (US). ZIEBELL, Jonathan, V. [US/US]; 21391 Eastglen Drive, Trabuco Canyon, CA 92679 (US). MOORE, Jeffrey, A. [US/US]; 23522 Via Calzada, Mission Viejo, CA 92691 (US). STEEL, Charles, E. [US/US]; 224 S. Colfax Street, La Habra, CA 90631 (US).

(74) STARR, Mark, T. et al. / etc.; Unisys Corporation, Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086186 (13) A2

(21) PCT/US2004/008498

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,749 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SERVER CONSOLIDATION DATA MODEL

• MODELE DE DONNEES DE CONSOLIDATION DE SERVEUR

(71) UNISYS CORPORATION [US/US]; Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (US).

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(72) STEFANIK, Joseph, P.; 6805 Terraza Escondida, San Clemente, CA 92673 (US). VAZEHGOO, Mahmood, M.; 1 Floweridge Circle, Laguna Niguel, CA 92677 (US). HARRISON, Robert, M.; 27329 Paseo Placentia, San Juan Capistrano, CA 92675-5357 (US).

(74) STARR, Mark, T. et al. / etc.; Unisys Corporation, Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086187 (13) A2

(21) PCT/US2004/008602

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/394,892 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR CHANNEL GUIDE ASSISTED REMOTE CONTROL OF CONTENT RECEIVERS

• PROCEDE ET APPAREIL DE TELECOMMANDE ASSISTEE PAR GUIDE DE CHAINES DE RECEPTEURS DE CONTENU

(71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALGAS, Joseph, F., Jr. [US/US]; 482 County Line Road, Huntingdon Valley, PA 19006 (US).

(74) SILVERIO, John, V. et al. / etc.; Motorola, Inc., 101 Tournament Drive, Horsham, PA 19044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086188 (13) A2

(21) PCT/US2004/008648

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/392,850 **21 Mar/mar 2003** US
(**21.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIFTING RESTRICTIVE SIGNALING
IN A BLOCK

• CHANGEMENT DE SIGNALISATION
RESTRICTIVE DANS UN BLOC

(71) **QUANTUM ENGINEERING, INC.**
[US/US]; 352 Stowe Avenue, Orange Park, FL
32073 (US).

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(72, 75) **KANE, Mark, Edward** [US/US];
2653 Holly Point Drive, Orange Park, FL
32073 (US). **SHOCKLEY, James, Francis**
[US/US]; 3011 Doctors Lake Drive, Orange
Park, FL 32073 (US). **HICKENLOOPER,**
Harrison, Thomas [US/US]; 179 Buffalo
Bluff Road, Palatka, FL 32177 (US).

(74) **KELBER, Steven, B. et al.** / etc.; Piper
Rudnick LLP, 1200 Nineteenth Street N.W.,
Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086189** (13) A2

(21) PCT/US2004/008649

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/392,849 **21 Mar/mar 2003** US
(**21.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CREDIT DATA COLLECTION
METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE COL-
LECTE DE DONNEES DE CREDIT

(71, 72) **NATHANS, Michael, G.** [US/US];
1324 Cape Street, #174, Annapolis, MD
21401 (US). **GOLDSTEIN-NATHANS,**
Marcia, A. [US/US]; 1324 Cape Street,
#174, Annapolis, MD 21401 (US).

(74) **KELBER, Steven, B. et al.** / etc.; 1200 Nine-
teenth Street, N.W., Washington, DC 20036
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086190** (13) A2

(21) PCT/US2004/008683

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 60/456,504 **21 Mar/mar 2003** US
(**21.03.2003**)

(30) 10/749,684 **31 Dec/déc 2003** US
(**31.12.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND ARCHITECTURE FOR
FACILITATING PAYMENT TO E-COM-
MERCE MERCHANTS VIA A PAY-
MENT SERVICE

• PROCEDE ET ARCHITECTURE FACI-
LITANT LE PAIEMENT DES FOURNIS-
SEURS EN COMMERCE ELECTRO-
NIQUE, VIA UN SERVICE PAIEMENT

(71) **EBAY INC.** [US/US]; 2145 Hamilton Av-
enue, San Jose, California 95125 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LI, David, ChingKANG, David,**
Young-JuneLISTWON, Benjamin, Greg-
gLEVCHIN, Max, R.

(74) **MARAIS, Andre;** Blakely, Sokoloff, Taylor
& Zafman LLP, 12400 Wilshire Boulevard,
Seventh Floor, Los Angeles, California 90025
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086191** (13) A2

(21) PCT/US2004/008709

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/456,341 **20 Mar/mar 2003** US
(**20.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR PRO-
VIDING BACKUP MESSAGES TO
WIRELESS DEVICES DURING OUT-
AGES

• PROCEDE ET SYSTEME POUR FOUR-
NIR DES MESSAGES AUX DISPOSI-
TIFS SANS FIL PENDANT LES INTER-
RUPTIONS DE SERVICE

(71, 72) **ROSENFELT, Michael, I.** [US/US];
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(US). **MIRCHANDANI, Satin** [US/US];
10300 Jollyville Road #133, Austin, TX
78746 (US).

(74) **WIESE, William;** Jenkins & Gilchrist, P.C.,
1445 Ross Avenue, Suite 3200, Dallas, TX
75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G06F**

(11) **WO 2004/086192** (13) A2

(21) PCT/US2004/008713

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/456,905 **21 Mar/mar 2003** US
(**21.03.2003**)

(30) 10/424,180 **25 Apr/avr 2003** US
(**25.04.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEMS AND METHODS FOR IN-
TERACTIVE SEARCH QUERY RE-
FINEMENT

• SYSTEMES ET PROCEDES VISANT
A AFFINER UNE DEMANDE DE RE-
CHERCHE INTERACTIVE

(71) **OVERTURE SERVICES, INC.** [US/US];
74 North Pasadena Avenue, 3rd Floor,
Pasadena, CA 91103 (US).

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les États désignés sauf US)

(72, 75) **ANICK, Peter, G.** [US/US]; 58
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(US). **THRALL, John, Joseph** [US/US];
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(US).

(74) **RUBIN, Steven;** Brown Raysman Millstein
Felder & Steiner LLP, 900 Third Avenue,
New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 2004/086193 (13) A2

(21) PCT/US2004/008727

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,688 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND SYSTEM FOR PROVIDING ORIENTATION/TRAINING AND CONTROLLING SITE ACCESS

• PROCEDE ET SYSTEME PERMETTANT D'ASSURER L'ORIENTATION/L'APPRENTISSAGE ET DE CONTROLER L'ACCES A UN SITE

(71) WASTE MANAGEMENT, INC. [US/US]; First City Tower, 1001 Fannin, Suite 4000, Houston, TX 77002 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELFING, Raymond [US/US]; 5 Cloverdale Way, Columbus, NJ 08022 (US).

(74) ZAHER, Alfred, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/086194 (13) A2

(21) PCT/US2004/008844

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,554 24 Mar/mar 2003 US (24.03.2003)

(30) 60/492,725 6 Aug/août 2003 US (06.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR PROMOTING USAGE OF FINANCIAL ACCOUNTS

• PROCEDE ET SYSTEME PERMETTANT D'ENCOURAGER L'UTILISATION DE COMPTES FINANCIERS

(71) CITICORP CREDIT SERVICES INCORPORATED [US/US]; 1 Court Square, Long Island, New York 11120 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FREIBERG, Steven; 310 Vista Drive, Jericho, NY 11753 (US). KNITZER, Peter; 210 West 90th Street, Apt. 7A, New York, NY 10024 (US).

(74) MARCOU, George T.; 607 14th Street, Suite 900, Washington, District of Columbia 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086195 (13) A2

(21) PCT/US2004/008902

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,276 24 Mar/mar 2003 US (24.03.2003)

(30) 10/660,061 11 Sep/sep 2003 US (11.09.2003)

(30) 60/529,996 15 Dec/déc 2003 US (15.12.2003)

(30) 10/804,881 19 Mar/mar 2004 US (19.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM TO CONTROL DAYLIGHT AND ARTIFICIAL ILLUMINATION AND SUN GLARE IN A SPACE

• SYSTEME DE MODULATION DE LA LUMIERE DU JOUR, D'UN ORGANE D'ECLAIRAGE ARTIFICIEL ET DE L'EBLOUISSEMENT SOLAIRE DANS UN ESPACE

(71) LUTRON ELECTRONICS CO., INC. [US/US]; 7200 Suter Road, Coopersburg, PA 18036-1299 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VESKOVIC, Dragan [AU/US]; 1702 Redwood Court, Allentown, PA 18104 (US).

(74) WEINER, Samuel, H. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086196 (13) A2

(21) PCT/US2004/008918

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,026 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRONIC DEVICE SUPPORTING MULTIPLE UPDATE AGENTS

• DISPOSITIF ELECTRONIQUE SUPPORTANT UNE PLURALITE D'AGENTS DE MISE A JOUR

(71) BITFONE CORPORATION [US/US]; 32451 Golden Lantern, Suite 301, Laguna Niguel, CA 92677 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKONNEN, Harri [FI/US]; 2 Sea Terrace, Dana Point, CA 92629 (US). RAO, Bindu, Rama [IN/US]; 21 Henley Drive, Laguna Niguel, CA 92677 (US).

(74) FRENCH, Fredrick, T., III; 500 West Madison Street, Suite 3400, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086197 (13) A2

(21) PCT/US2004/009238

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,463 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CUSTOM COMMON OBJECT

• OBJETS COURANTS POUR TYPES DE DONNEES PERSONNALISEES

(71) SIEBEL SYSTEMS, INC. [US/US]; 2207 Bridgepointe Parkway, San Mateo, CA 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARNES-LEON, Maria, Theresa [PH/US]; 288 Rivercreek Drive, Fremont, CA 94536 (US). CATAHAN, Nardo, B., Jr. [PH/US]; 103 Sonja Road, S. San Francisco,

CA 94080 (US). **EXLEY, Richard, Mark** [GB/US]; 2524 Melendy Drive, San Carlos, CA 94070 (US).

(74) **NG, Chun, M.** et al. / etc.; Perkins Coie LLP, Patents-SEA, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086198** (13) A2

(21) PCT/US2004/009239

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/457,493 **24 Mar/mar 2003** US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMON COMMON OBJECT

• OBJETS COURANTS DANS UN MO-
DELE DE DONNEES D'OBJETS COU-
RANTS

(71) **SIEBEL SYSTEMS, INC.** [US/US]; 2207 Bridgepointe Parkway, San Mateo, CA 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARNES-LEON, Maria, Theresa** [PH/US]; 288 Rivercreek Drive, Fremont, CA 94536 (US). **CATAHAN, Nardo, B., Jr.** [PH/US]; 103 Sonja Road, S. San Francisco, CA 94080 (US). **EXLEY, Richard, Mark** [GB/US]; 2524 Melendy Drive, San Carlos, CA 94070 (US).

(74) **NG, Chun, M.** et al. / etc.; Perkins Coie LLP, Patents-SEA, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086199** (13) A2

(21) PCT/US2004/009428

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en

(30) 60/457,480 **24 Mar/mar 2003** US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENTERPRISE CONSOLE

• CONSOLE D'ENTREPRISE

(71) **BIGFIX, INC.** [US/US]; 5915 Hollis Street, Emeryville, CA 94608 (US).

(72) **HINDAWI, David, Salim**; 179 Forest Lane, Berkeley, CA 94708 (US). **DONOHU, David, Leigh**; 2830 Buena Vista Way, Berkeley, CA 94708 (US). **LIPPINCOTT, Lisa, Ellen**; 2117 Hast Street #310, Berkeley, CA 94704 (US). **GOODROW, Dennis, S.**; 4616 Parktrail Court, Santa Rosa, CA 95405 (US). **BROWN, James, Milton**; 55 Atherton Avenue, Novato, CA 94945 (US). **LINCROFT, Peter**; 1937 Capistrano Avenue, Berkeley, CA 94707 (US). **LOER, Peter, Benjamin**; 225 Clifton Street #213, Oakland, CA 94618 (US). **HINDAWI, Orion, Yosef**; 179 Forest Lane, Berkeley, CA 94708 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086200** (13) A1

(21) PCT/GB2004/001382

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 0307098.4 **27 Mar/mar 2003** GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTILEVEL SOFTWARE PROTECTION SYSTEM

• SYSTEME MULTINIVEAU DE PROTECTION DE LOGICIEL

(71) **NATMED HOLDINGS LIMITED** [GB/GB]; PO Box 204, 4th Floor, Celtic House, Victoria Street, Douglas, Isle of Man, IM99 1QZ (GB).

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(72, 75) **TOLOUI, Behrooz** [IE/GB]; Harley Street Stress Services, 13 North Audley Street, London W1K 6ZA (GB). **FENNER-FOWNES, Nigel, John, Paul** [GB/GB]; Harley Street Stress Services, 13 North Audley Street, London W1K 6ZA (GB).

(74) **ROBSON, Aidan, John**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086201** (13) A1

(21) PCT/GB2004/000965

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) 10/401,334 **27 Mar/mar 2003** US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR INTEGRATED SECURITY ROLES

• SYSTEME ET PROCEDE EN MATIERE DE ROLES DE SECURITE INTEGREE

(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)

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

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(72, 75) **CHANG, David, Yu** [US/US]; 7004 Windridge Cove, Austin, TX 78759 (US). **CHAO, Ching-Yun** [US/US]; 11518 Rustic Rock Drive, Austin, TX 78750 (US).

(74) **MATHER, Belinda, Jane**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H05K 1/02, G08B 13/12, H01L 23/58

(11) WO 2004/086202 (13) A1

(21) PCT/IE2004/000043

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03394034.7 25 Mar/mar 2003 EP (25.03.2003)

(30) S2003/0632 1 Sep/sep 2003 IE (01.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SECURITY HOUSING FOR A CIRCUIT

• BOITIER DE SECURITE DESTINE A UN CIRCUIT

(71) BOURNS, INC. [US/US]; 1200 Columbia Avenue, Riverside, CA 992507 (US).
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(72, 75) BURKE, Ray [IE/IE]; Tullig, Whitechurch, Co. Cork (IE). QUEEN, Carl [IE/IE]; 7 Toureen Terrace, Passage West, Co. Cork (IE).

(74) LANE, Cathal, Michael et al. / etc.; Tomkins & Co., 5 Dartmouth Road, Dublin 6 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/16

(11) WO 2004/086203 (13) A2

(21) PCT/EP2004/002370

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03075865.0 25 Mar/mar 2003 EP (25.03.2003)

(30) 60/462,817 14 Apr/avr 2003 US (14.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXTRACTABLE TERMINAL KEYPAD
• CLAVIER DE TERMINAL EXTRAC-
TIBLE

(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) HERMANN, Fredrik [SE/SE]; Per Wickenberggatan 4, S-217 54 Malmö (SE).

(74) LINDBERG, Olle et al. / etc.; c/o Albihns Malmö AB, P.O. Box 4289, S-203 14 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06F 1/16

(11) WO 2004/086204 (13) A2

(21) PCT/FR2004/000628

(22) 15 Mar/mar 2004 (15.03.2004)

(25) fr (26) fr

(30) 03/03284 18 Mar/mar 2003 FR (18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFLATABLE ERGONOMIC ACCOMMODATING SUPPORT FOR A LAP-TOP COMPUTER

• SUPPORT D'ACCUEIL ERGONOMIQUE GONFLABLE POUR MICRO-ORDINATEUR PORTATIF

(71, 72) BERAKA, Philippe [FR/FR]; 5, rue des Pêcheurs, F-33500 Arveyres (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 1/32

(11) WO 2004/086205 (13) A1

(21) PCT/IB2004/050300

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en

(26) en

(30) 03100792.5 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • BRANCH BASED ACTIVITY MONITORING

• SURVEILLANCE D'ACTIVITE LIEE A DES BRANCHEMENTS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) PESSOLANO, Francesco [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW).

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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086206 (13) A2

(21) PCT/EP2004/003225

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 376.9 28 Mar/mar 2003 DE (28.03.2003)

(30) 103 39 185.1 26 Aug/août 2003 DE (26.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE AND METHOD FOR SEARCHING AND PROCESSING DATA IN A MASS STORAGE DEVICE

• DISPOSITIF ET PROCEDURE POUR CHERCHER ET TRAITER DES DONNEES DANS UNE MEMOIRE DE MASSE

(71) MICRONAS GMBH [DE/DE]; Hans-Bunte-Strasse 19, 79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIEBEN, Ulrich [DE/DE]; Kronengasse 7, 79276 Reute (DE). SINNHÖFER, Werner [DE/DE]; Vogesenstrasse 8, 79276 Reute (DE).

(74) WESTPHAL, MUSSGUG & PARTNER; Amt Riettor 5, 78048 Villingen-Schwenningen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086207 (13) A1

(21) PCT/GB2004/001276

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306875.6 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A BEHAVIOURAL TRANSLATOR FOR AN OBJECT

• TRADUCTEUR COMPORTEMENTAL POUR UN OBJET

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).
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(72, 75) BALLIN, Daniel [GB/GB]; Flat 5, 65 London Road, Ipswich Suffolk IP1 2HF (GB). GILLIES, Marco [GB/GB]; 19A St Matthews Street, Ipswich Suffolk IP1 3EL (GB).

(74) LLOYD, Barry, George, Willi; BT Group Legal Intellectual Property Department, PPC5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086208 (13) A2

(21) PCT/GB2004/001301

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0306875.6 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS AND METHOD FOR GENERATING BEHAVIOUR IN AN OBJECT

• APPAREIL ET PROCÉDE DE CRÉATION D'UN COMPORTEMENT DANS UN OBJET

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALLIN, Daniel [GB/GB]; Flat 5, 65 London Road, Ipswich, Suffolk IP1 2HF (GB). GILLIES, Marco [GB/GB]; 19A St Matthews Street, Ipswich, Suffolk IP1 3EL (GB).

(74) LLOYD, Barry, George, William; BT Group Legal Intellectual Property Department, PPC5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/00, 13/00, 9/06, 9/445, H04L 12/28

(11) WO 2004/086209 (13) A1

(21) PCT/JP2004/002700

(22) 4 Mar/mar 2004 (04.03.2004)

(25) ja (26) ja

(30) 2003-079882 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NETWORK CONNECTION MANAGEMENT METHOD AND ELECTRONIC APPARATUS

• PROCÉDE DE GESTION D'UNE CONNEXION RESEAU ET APPAREIL ELECTRONIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

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(72, 75) HASHI, Hiroki [JP/JP]; C/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/033

(11) WO 2004/086210 (13) A1

(21) PCT/EP2003/003185

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WIRELESS DEVICE FOR CONTROLLING A DISPLAY

• DISPOSITIF SANS FIL POUR LA COMMANDE D'UN ECRAN D'AFFICHAGE

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstr. 54, 80636 München (DE).

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(72, 75) GÖBEL, Martin [DE/DE]; Auf den 6 Morgen 11, 53227 Bonn (DE). MATVEEV, Serguei [DE/DE]; Vilicher Str. 4, 53757 Sankt Augustin (DE). FROLOV, Pavel [DE/DE]; Ankerstrasse 30, 53757 Sankt Augustin (DE).

(74) HILLERINGMANN, Jochen et al. / etc.; Bahnhofsvorplatz 1, 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SI SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/033

(11) WO 2004/086211 (13) A1

(21) PCT/EP2004/003118

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 13 115.9 24 Mar/mar 2003 DE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ADAPTATION DEVICE FOR A MENU-DRIVEN OPERATION OF A MOBILE TELEPHONE TERMINAL

• PROCEDE D'ADAPTATION POUR LE DEROULEMENT DU MENU DE TERMINAUX DE TELEPHONIE MOBILE

- (71) VODAFONE HOLDING GMBH [DE/DE]; Mannesmannufer 2, 40213 Düsseldorf (DE).

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- (72, 75) GAIDA, Klemens [DE/DE]; Zum Wald 21, 46519 Alpen (DE). MATZEIK, Silke [DE/DE]; Moritz-Sommer-Strasse 56, 40225 Düsseldorf (DE).

- (74) WEISSE, Jürgen.; Weisse & Wolgast, Bökenbuschstrasse 41, 42555 Velbert (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G06F 3/033

(11) WO 2004/086212 (13) A1

(21) PCT/GB2004/001032

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/403,907 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • AUTOMATICALLY ADJUSTING A SPEED OF A GRAPHICAL POINTER

• REGLAGE AUTOMATIQUE DE LA VITESSE D'UN CURSEUR GRAPHIQUE

- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

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- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB). (only for / seulement pour MG)

- (72, 75) FOX, James [US/US]; 219 Vatersay Drive, Apex, North Carolina 27502 (US). LEAH, Robert [US/US]; 113 Fox View Place, Cary, North Carolina 27511 (US).

- (74) LING, Christopher, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 3/033

(11) WO 2004/086213 (13) A2

(21) PCT/GB2004/001250

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306746.9 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • IMPROVEMENTS RELATING TO GRAPHICAL USER INTERFACES

• AMELIORATIONS APPORTEES A DES INTERFACES GRAPHIQUES

- (71) MEDIC-TO-MEDIC LIMITED [GB/GB]; Finance Division, University College, Gower Street, London WC1E 7ET (GB).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) STEIN, Michael, Lewis [GB/GB]; 64 Harpes Road, Oxford OX2 7QL (GB). EP-STEIN, Owen [GB/GB]; 1 Cyprus Gardens, Finchley, London WC1E 7ET (GB).

- (74) AHMAD, Sheikh, Shakeel et al. / etc.; David Keltie Associates, Fleet Place House, 2 Fleet Place, London EC4M 7ET (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/033, G06T 5/00

(11) WO 2004/086214 (13) A2

(21) PCT/JP2004/003842

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/396,266 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR GENERATING A TWO-DIMENSIONAL DISTANCE FIELD FROM A PEN STROKE

• PROCEDE DE PRODUCTION DE CHAMP DE DISTANCE BIDIMENSIONNEL A PARTIR D'UN COUP DE STYLET

- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) PERRY, Ronald, N. [US/US]; 28 Maple Ave. #1, Cambridge, Massachusetts, 02139 (US). FRISKEN, Sarah, F. [CA/US]; 28 Maple Ave. #1, Cambridge, Massachusetts, 02139 (US).

- (74) SOGA, Michiharu et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building., 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/033, G06K 11/08, G09F 9/35,
G09G 3/36

(11) WO 2004/086215 (13) A2

(21) PCT/KR2004/000639

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10-2003-0019603 28 Mar/mar 2003 KR
(28.03.2003)

(30) 10-2003-0024382 17 Apr/avr 2003 KR
(17.04.2003)

(30) 10-2003-0039340 18 Jun/juin 2003 KR
(18.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT PEN
• PHOTOSTYLE

(71) SAMSUNG ELECTRONICS CO., LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) CHO, Jong-Whan [KR/KR]; 643-505
Sejong Apt., Sanbon-dong, Gunpo-si,
Gyeonggi-do 435-040 (KR). PARK,
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Hometown 1cha, Dongcheon-ri, Suji-eup,
Yongin-si, Gyeonggi-do 449-840 (KR).
PARK, Won-Sang [KR/KR]; 302-2001 Su-
wondongmaeul Ssangyong Apt., Sangha-ri,
Guseong-myeon, Yongin-si, Gyeonggi-do
449-914 (KR). UH, Kee-Han [KR/KR];
155-801 Geumhobestvill, Sanghyeon-ri,
Suji-eup, Yongin-si, Gyeonggi-do 449-843
(KR). KIM, Hyung-Guel [KR/KR];
505-206 Samsung Raemian 5cha Apt.,
#1161, Bojeong-ri, Guseong-myeon, Yon-
gin-si, Gyeonggi-do 449-913 (KR). JUNG,
Jae-Hoon [KR/KR]; 207-1006 Mokryeon
Daewoo Apt., Beomgye-dong, Dongan-gu,
Anyang-si, Gyeonggi-do 431-721 (KR).

(74) PARK, Young-Woo; 5F., Seil Building,
727-13 Yoksam-dong, Gangnam-gu, Seoul
135-921 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/033, 1/16, G06K 11/18, G09G
5/08

(11) WO 2004/086216 (13) A1

(21) PCT/SG2003/000064

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A COMPUTER MOUSE
• SOURIS D'ORDINATEUR

(71, 72) TAN, William [SG/SG]; 21 Li Hwan
Close, Singapore 557 144 (SG).

(74) WATKIN, Timothy, Lawrence, Harvey;
Lloyd Wise, Tanjong Pagar, P O Box 636,
Singapore 910816 (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/10, 19/00, A61F 11/00, H04R
25/00

(11) WO 2004/086217 (13) A1

(21) PCT/AU2004/000391

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901538 28 Mar/mar 2003 AU
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MAXIMA SEARCH METHOD FOR
SENSED SIGNALS
• PROCEDE DE RECHERCHE DE
MAXIMA POUR SIGNAUX ENVOYES

(71) COCHLEAR LIMITED [AU/AU]; 14
Mars Road, Lane Cove, New South Wales
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*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HATZIANESTIS, Konstadinos
[AU/AU]; Cochlear Limited, 14 Mars Road,
Lane Cove, New South Wales 2066 (AU).
NYGARD, Tony, M [FI/AU]; Cochlear Lim-
ited, 14 Mars Road, Lane Cove, New South
Wales 2066 (AU).

(74) FBRICE & CO; 139-141 Rathdowne Street,
Carlton, Victoria 3053 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/06, 15/00

(11) WO 2004/086218 (13) A1

(21) PCT/JP2004/002558

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ja (26) ja

(30) 2003-85485 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION PROCESSING DE-
VICE, INFORMATION PROCESSING
METHOD, PROGRAM, RECORDING
MEDIUM

• DISPOSITIF DE TRAITEMENT
D'INFORMATIONS, PROCEDE DE
TRAITEMENT D'INFORMATIONS,
PROGRAMME ET SUPPORT
D'ENREGISTREMENT

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
1410001 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SATO, Takashi [JP/JP]

(74) NAKAMURA, Tomoyuki; c/o Miyoshi
International Patent Office, 9th Floor, Tor-
anomon Daiichi Building, 2-3, Toranomon
1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F 9/38

(11) WO 2004/086219 (13) A2

(21) PCT/US2004/008438

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,820 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR
BRANCH PREDICTION BASED ON
BRANCH TARGETS

• PROCEDE ET APPAREIL PERMET-
TANT D'EFFECTUER UNE PREDIC-
TION DE BRANCHEMENT A PARTIR
DE CIBLES DE BRANCHEMENTS

(71) ANALOG DEVICES, INC. [US/US]; One
Technology Way, P.O. Box 9106, Norwood,
MA 02062-9106 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TRAN, Thang, M. [US/US]; 1113 El-
der Circle, Austin, TX 78733 (US). SINGH,
Ravi, Pratap [IN/US]; 2508 Rio Mesa Drive,
Austin, TX 78732 (US). DURAISWAMY,
Deepa [IN/US]; 4500 Steiner Ranch Blvd.,

1519, Austin, TX 78732 (US). **KANNAN, Srikanth** [IN/US]; 111 Arboretum Way, Burlington, MA 01803 (US).

(74) **MCCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/40

(11) WO 2004/086220 (13) A2

(21) PCT/EP2004/003004

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 13 318.6 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTROLLED EXECUTION OF A PROGRAM USED FOR A VIRTUAL MACHINE ON A PORTABLE DATA CARRIER

• EXECUTION CONTROLEE D'UN PROGRAMME PREVU POUR UNE MACHINE VIRTUELLE SUR UN SUPPORT DE DONNEES PORTABLE

(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) **STOCKER, Thomas** [DE/DE]; Königseckstrasse 48a, 81825 München (DE).

(74) **DENDORFER, Claus**; Wächtershäuser & Hartz, Weinstrasse 8, 80333 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO

RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/40

(11) WO 2004/086221 (13) A2

(21) PCT/GB2004/000933

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/401,412 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR MANAGING WINDOWS

• PROCEDE ET DISPOSITIF POUR LA GESTION DE FENETRES

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; Po Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) **RUNDELL, David, Neal** [US/US]; 3117 Port Anne Way, Leander, Texas 78641 (US).

(74) **LING, Christopher, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086222 (13) A2

(21) PCT/IE2004/000044

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003/0226 26 Mar/mar 2003 IE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVELOPMENT OF SOFTWARE SYSTEMS

• CONCEPTION DE SYSTEMES LOGICIELS

(71) **BIZPLUS LIMITED** [IE/IE]; 7 Woodstock View, Shanaway Road, Ennis, County Clare (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OWENS, Peter** [IE/IE]; 18 Brehons Chair, Kellystown Road, Rathfarnham, Dublin 16 (IE). **McCARTHY, Robert** [IE/IE]; 7 Woodstock View, Shanaway Road, Ennis, County Clare (IE).

(74) **O'BRIEN, John, A.** et al. / etc.; John A O'Brien & Associates, 3rd floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/445

(11) WO 2004/086223 (13) A1

(21) PCT/CN2003/000225

(22) 28 Mar/mar 2003 (28.03.2003)

(25) zh (26) zh

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD FOR CONFIGURATING A SINGLEBOARD AUTOMATICALLY

• PROCEDE DE CONFIGURATION AUTOMATIQUE DE MONOCARTE

(71) **UTSTARCOM (CHINA) CO, LTD.** [CN/CN]; B/F. 11, CNT Manhattan Bldg., Dongsishitiao Str., Beijing 100027 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FENG, Jie** [CN/CN]; 3/F., Legend Bldg., High-Tech Industrial Park, Shenzhen, Guangdong 518057 (CN). **XIE, Jingwei** [CN/CN]; 3/F., Legend Bldg., High-Tech Industrial Park, Shenzhen, Guangdong 518057 (CN). **FEI, Peng** [CN/CN]; 3/F., Legend Bldg., High-Tech Industrial Park, Shenzhen, Guangdong 518057 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/45, 9/44

(11) WO 2004/086224 (13) A1

(21) PCT/EP2004/001225

(22) 10 Feb/fév 2004 (10.02.2004)

(25) de (26) de

(30) 103 13 910.9 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR DETERMINING DEVIATIONS OF AN END-SYSTEM MESSAGE FROM A REFERENCE MESSAGE

- PROCÉDE PERMETTANT DE DETERMINER LES DIFFERENCES ENTRE UN MESSAGE DE SYSTEME D'EXTREMITE ET UN MESSAGE DE REFERENCE

(71) ROHDE & SCHWARZ GMBH & CO. KG [DE/DE]; Mühlendorfstrasse 15, 81671 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MICHL, Andreas [DE/DE]; Mutschellestrasse 4, 81673 München (DE).

(74) KÖRFER, Thomas; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 9/50, 11/16, 11/18

(11) WO 2004/086225 (13) A1

(21) PCT/JP2003/003522

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VIRTUAL COMPUTER SYSTEM

- SYSTEME INFORMATIQUE VIRTUEL

(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) OTSUKA, Hiroaki [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.; Acropolis 21 Building 6th floor 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(51)⁷ G06F 11/16

(11) WO 2004/086226 (13) A1

(21) PCT/SE2004/000453

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0300833-1 26 Mar/mar 2003 SE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A DEVICE FOR RESTORING AT LEAST ONE OF FILES, DIRECTORIES AND APPLICATION ORIENTED FILES IN A COMPUTER TO A PREVIOUS STATE

- DISPOSITIF RESTAURANT DES FICHIERS, DES REPERTOIRES ET DES FICHIERS ORIENTES APPLICATIONS DANS UN ORDINATEUR PASSANT A L'ETAT PRECEDENT

(71) SYSTEMOK AB [SE/SE]; Stena Center 1B, S-412 92 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) Alexander Hars [SE/SE]; Landalagatan 36B/2311, S-411 30 Göteborg (SE). Lars Karlsson [SE/SE]; Berzeliigatan 25, S-412 53 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ G06F 12/02, 12/06

(11) WO 2004/086227 (13) A1

(21) PCT/IB2004/050291

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03100773.5 25 Mar/mar 2003 EP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF ADDRESSING DATA IN SHARED MEMORY BY MEANS OF AN OFFSET

- PROCÉDE D'ADRESSAGE DE DONNEES DANS UNE MEMOIRE PARTAGEE AU MOYEN D'UN DECALAGE

(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 NIEKERK, Paulus, A., W. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 12/14, 1/00

(11) WO 2004/086228 (13) A1

(21) PCT/AU2004/000387

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901454 28 Mar/mar 2003 AU
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECURITY SYSTEM AND METHOD FOR COMPUTER OPERATING SYSTEMS

- SYSTEME ET PROCÉDE DE SECURISATION POUR DES SYSTEMES D'EXPLOITATION INFORMATIQUES

(71) SECURE SYSTEMS LIMITED [AU/AU]; Level 1, 80 Hasler Road, Osborne Park, Western Australia 6017 (AU).

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(72, 75) **KABZINSKI, Richard** [AU/AU]; 5 Balladonia Drive, Ellenbrook, Western Australia 6069 (AU). **HEARN, Michael, Alfred** [AU/AU]; 1 Urawa Road, Duncraig, Western Australia 6023 (AU). **POWERS, Russell, E.** [AU/AU]; Level 1, 80 Hasler Road, Osborne Park, Western Australia 6017 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14

(11) **WO 2004/086229** (13) A2

(21) PCT/FR2004/000718

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03522 24 Mar/mar 2003 FR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CIRCUIT PROVIDED WITH A SECURE EXTERNAL ACCESS
• CIRCUIT POURVU D'UN ACCES EXTERNE SECURISE

(71) **INNOVA CARD** [FR/FR]; Z.I. Athélia 2, Avenue Coriandre, F-13600 La Ciotat (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEHAMEL, Arnaud** [FR/FR]; 12, quai François Mitterand, F-13600 La Ciotat (FR). **BERNARD, Bruno** [FR/FR]; Quartier des Michels, F-13830 Roquefort La Bedoule (FR). **LHERMET, Frank** [FR/FR]; 22, avenue de Bourgogne, F-13600 La Ciotat (FR).

(74) **RENAUD-GOUD CONSEIL**; 5, rue de Montigny, F-13100 Aix-en-Provence (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14

(11) **WO 2004/086230** (13) A2

(21) PCT/FR2004/000719

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03521 24 Mar/mar 2003 FR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROGRAMMABLE CIRCUIT PROVIDED WITH A SECURE MEMORY
• CIRCUIT PROGRAMMABLE POURVU D'UNE MEMOIRE SECURISEE

(71) **INNOVA CARD** [FR/FR]; Z.I. Athélia 2, Avenue Coriandre, F-13600 La Ciotat (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEHAMEL, Arnaud** [FR/FR]; 12, quai François Mitterand, F-13600 La Ciotat (FR). **BERNARD, Bruno** [FR/FR]; Quartier des Michels, F-13830 Roquefort La Bedoule (FR). **LHERMET, Frank** [FR/FR]; 22, avenue de Bourgogne, F-13600 La Ciotat (FR).

(74) **RENAUD-GOUG, Thierry**; 5, rue de Montigny, F-13100 Aix-en-Provence (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14, G11B 20/10, G09C 1/00, H04L 9/08

(11) **WO 2004/086231** (13) A1

(21) PCT/JP2004/002921

(22) 5 Mar/mar 2004 (05.03.2004)

(25) ja (26) ja

(30) 2003-079827 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION RECORDING MEDIUM, INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND COMPUTER PROGRAM
• SUPPORT D'ENREGISTREMENT D'INFORMATION, DISPOSITIF DE TRAITEMENT D'INFORMATION, PROCEDURE DE TRAITEMENT D'INFORMATION, PROGRAMME INFORMATIQUE

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKAYAMA, Tsuyoshi** [JP/JP]; C/O Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **MORI, Chikako** [JP/JP]; C/O Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **KITAYA, Yoshimichi** [JP/JP]; C/O Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **KOUNO, Yoshikazu** [JP/JP]; C/O Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(74) **MIYATA, Masaaki**, et al. / etc.; Sawada, Miyata & Yamada, Patent Office Ginza TK Bldg., 1-7, Shintomi 1-chome, Chu-ku, Tokyo, 1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 12/14, 15/00, 17/60

(11) **WO 2004/086232** (13) A1

(21) PCT/JP2004/003113

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-084436 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTENT PLAYBACK EXPIATION MANAGEMENT SYSTEM, CONTENT PLAYBACK EXPIRATION MANAGEMENT METHOD, TERMINAL, SERVER, PROGRAM, AND RECORDING MEDIUM
• SYSTEME ET PROCEDURE DE GESTION DE L'EXPIRATION D'UNE REPRODUCTION DE CONTENU, TERMINAL, SERVEUR, PROGRAMME, ET SUPPORT D'ENREGISTREMENT

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

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(72, 75) **SATO, Takashi** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **KIJIMA, Kaoru** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **TORIYAMA, Mitsuru** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **IIDA, Azumi** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). **KINOSHITA, Takashi** [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku,

- (54) • WEB SITE MANAGEMENT SYSTEM AND WEB SITE MANAGEMENT METHOD

• SYSTEME DE GESTION DE SITE WEB ET PROCEDE DE GESTION DE SITE WEB

- (71) BLUE BONE INC. [JP/JP]; 21-7, Miyako-dai 5-chome, Matsudo-shi, Chiba 271-0087 (JP).
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- (72, 75) MUROTANI, Toshiyuki [JP/JP]; Coop Nomura Otsuka 208, 7-20, Nishisugamo 1-chome, Toshima-ku, Tokyo 170-0001 (JP).

- (74) SUZUKI, Shunichiro; S.SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 15/00, H04L 29/02

(11) WO 2004/086238 (13) A1

(21) PCT/JP2004/002733

(22) 4 Mar/mar 2004 (04.03.2004)

(25) ja (26) ja

(30) 2003-084246 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NETWORK CONNECTION MANAGEMENT METHOD AND ELECTRONIC APPARATUS

• PROCEDE DE GESTION DE CONNEXION DE RESEAU ET APPAREIL ELECTRONIQUE

- (71) SONY CORPORATION [JP/JP]; 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KOJO, Tomomasa [JP/JP]; C/o Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP). HASHI, Hiroki [JP/JP]; C/o Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP).

- (74) KOIKE, Akira et al. / etc.; 11th Floor Yamato Seimei Bldg., 1-7 Uchisaiwai-cho 1-chome Chiyoda-ku Tokyo, 1000011 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04N 5/76, H04Q 9/00

(11) WO 2004/086239 (13) A1

(21) PCT/JP2004/004266

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-088422 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • REMOTE CONTROL SYSTEM AND REMOTE CONTROL METHOD

• SYSTEME DE TELECOMMANDE ET PROCEDE DE TELECOMMANDE

- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HIROSE, KojiSAKAI, Ryuichi-MANIWA, Takashi

- (74) KAWAMIYA, Osamu; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400001 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/28

(11) WO 2004/086240 (13) A1

(21) PCT/IB2004/050326

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03100820.4 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DATA PROCESSING SYSTEM WITH A DMA CONTROLLER FOR STORING THE DESCRIPTOR OF THE ACTIVE CHANNEL

• SYSTEME DE TRAITEMENT DE DONNEES AVEC UNE UNITE DE COMMANDE D'ACCES DIRECT EN MEMOIRE POUR STOCKER LE DESCRIPTEUR DU CANAL ACTIF

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) SREEDHARAN, Sanjeev, M. [IN/IN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) DE, JONG, Durk, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/38

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(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/394,090 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • AUTO-DETERMINATION OF DTE/DCE CONNECTION

• AUTODETERMINATION DE CONNEXION DTE/DCE

- (71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
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- (72, 75) CHU, Steve [US/US]; 851 28th Avenue, San Francisco, CA 95121 (US). YE, Jicheng [CN/US]; 19700 Drake Drive, Cupertino, CA 95014 (US). YU, George [US/US]; 7540 Donegal Drive, Cupertino, CA 95014 (US).

- (74) PALERMO, Christopher et al. / etc.; HICKMAN PALERMO TRUONG & BECKER LLP, 1600 Willow Street, San Jose, CA 95125 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/40, 15/173, H04L 12/56

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(21) PCT/JP2004/003497

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 2003-081258 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CROSSBAR SWITCH, METHOD AND PROGRAM FOR CONTROLLING OPERATION THEREOF

- AUTOCOMMUTATEUR CROSSBAR, PROCEDES ET LOGICIELS POUR EN COMMANDER LE FONCTIONNEMENT

(71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).

(72) NAOI, Junichi; c/o Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP). OHTO, Tomohiro; c/o Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).

(74) SUZUKI, Seigoh; Shiba NK Bldg., 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SI SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/086243 (13) A1

(21) PCT/JP2004/004014

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083910 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SCRIPT EXECUTION METHOD AND SERVER-CLIENT SYSTEM

- PROCEDE D'EXECUTION DE SCRIPT ET SYSTEME SERVEUR CLIENT

(71) TOUDAI TLO, LTD.; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 1130033 (JP).
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(72, 75) MORI, Hirohisa [JP/JP]; 1-5-12, Goryo-oeyamacho, Kyotoshi, Nishikyo-ku, Kyoto, 6101102 (JP).

(74) NARUSE, Shigeo; Hanabishi Imas Hirakacho Building 4th Floor, 2-3-11, Hirakawacho, Chiyoda-ku, Tokyo 1020093 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G06K 19/00, H04L 9/32

(11) WO 2004/086244 (13) A1

(21) PCT/JP2004/004326

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-84091 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEMORY DEVICE AND PASS CODE GENERATOR

- MEMOIRE ET GENERATEUR DE CODE DE PASSE

(71) RENESAS TECHNOLOGY CORP. [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).

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(72, 75) UKEDA, Masaharu [JP/JP]; c/o Hitachi, Ltd., Systems Development Laboratory, 1099, Ozenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP). TSUNODA, Motoyasu [JP/JP]; c/o Hitachi, Ltd., Systems Development Laboratory, 1099, Ozenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP). KATAYAMA, Kunihiko [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).

(74) OGAWA, Katsuo; Nitto International Patent Office, 8th Floor, No.17 Arai Building, 3-3, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086245 (13) A1

(21) PCT/US2004/008679

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,049 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR UTILIZING MULTICAST IP AND ETHERNET

TO LOCATE AND DISTRIBUTE A SATELLITE SIGNAL

- SYSTEME ET PROCEDE POUR L'UTILISATION D'ADRESSES DE DIFFUSION IP ET ETHERNET MULTIDESTINATAIRES, POUR LA LOCALISATION ET LA DISTRIBUTION D'UN SIGNAL PAR SATELLITE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).

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(72, 75) GERVAIS, John [US/US]; 11388 Royal Court, Carmel, IN 46032 (US). LOCKRIDGE, Terry, Wayne [US/US]; 5478 Grantland Drive, Dayton, OH 45429 (US).

(74) TRIPOLI, Joseph et al. / etc.; c/o Thomson Licensing, Inc., Two Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/JP2003/003505

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DECENTRALIZED PROCESSING CONTROL DEVICE, DECENTRALIZED PROCESSING CONTROL METHOD, DECENTRALIZED PROCESSING CONTROL PROGRAM

- DISPOSITIF DE COMMANDE DE TRAITEMENT DECENTRALISE, PROCEDE DE COMMANDE DE TRAITEMENT DECENTRALISE, ET PROGRAMME DE COMMANDE DE TRAITEMENT DECENTRALISE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) ISHIHARA, Yasuhide [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWARAI, Kenji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, 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 G06F 17/00

(11) WO 2004/086247 (13) A1

(21) PCT/KR2004/000191

(22) 3 Feb/fév 2004 (03.02.2004)

(25) ko (26) en

(30) 10-2003-0019484 28 Mar/mar 2003 KR (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • P2P SERVICE METHOD

• PROCEDE DE SERVICE P2P

(71) FRECHAL INC. [KR/KR]; 7th Floor, Sejong Security Building, 891, Daechi-dong, Kangnam-gu, Seoul 135-738 (KR).
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(72, 75) JANG, Kyuo [KR/KR]; No. 301, Hanbit Building, Yangjae-1-dong 2-34, Seocho-gu, Seoul 137-131 (KR).

(74) JI, Hyonjo; 5th Floor, Youngpoong Building, 142, Nonhyun-dong, Kangnam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/22, 17/27

(11) WO 2004/086248 (13) A1

(21) PCT/EP2004/002398

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 03368022.4 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEMS AND METHOD FOR OPTIMIZING TAG BASED PROTOCOL STREAM PARSING

• SYSTEMES ET PROCEDE POUR OPTIMISER L'ANALYSE DE FLUX DE PROTOCOLES A BASE D'ETIQUETTES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).
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(71) COMPAGNIE IBM FRANCE [FR/FR]; Tour Descartes, 2, Avenue Gambetta, La Défense 5, F-92400 Courbevoie (FR).
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(72, 75) MARMIGERE, Gérard [FR/FR]; Quartier le Patrimoine, F-06340 Drap (FR). SZALAI, Zsolt [BE/FR]; 1201, Chemin du

Petareou, F-06140 Tourrettes sur Loup (FR). PICON, Joaquin [FR/FR]; Riviera Baie, 240, Ave Paul Cezanne, F-06700 St Laurent du Var (FR).

(74) DE PENA, Alain; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 2004/086249 (13) A1

(21) PCT/AU2004/000341

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 2003901428 24 Mar/mar 2003 AU (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRODUCTION OF DOCUMENTS

• PRODUCTION DE DOCUMENTS

(71) OBJECTIVE SYSTEMS PTY LIMITED [AU/AU]; 27 Regent Street, Paddington, NSW 2021 (AU).
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(72, 75) DUNCAN, Gregory, Lyle [AU/AU]; 19/30 Cartwright Street, Charnwood, ACT 2165 (AU). STEPHEN, Christopher, Colin [AU/AU]; 27 Regent Street, Paddington, NSW 2021 (AU).

(74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 17/20, G06N 5/00

(11) WO 2004/086250 (13) A1

(21) PCT/AU2004/000372

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901411 27 Mar/mar 2003 AU (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • E-MAIL MANAGEMENT SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE GESTION DE COURRIER ELECTRONIQUE

(71) SMART INTERNET TECHNOLOGY CRC PTY LIMITED [AU/AU]; Australian Technology Park, Evenleigh, NSW 1430 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOBCKE, Wayne [AU/AU]; University of NSW, School of Computer Science and Engineering, ANZAC Parade, Kensington, NSW 2033 (AU). HO, Van [AU/AU]; University of NSW, School of Computer Science and Engineering, ANZAC Parade, Kensington, NSW 2033 (AU). COMPTON, Paul [AU/AU]; University of NSW, School of Computer Science and Engineering, ANZAC Parade, Kensington, NSW 2033 (AU).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; Building 1, Binary Centre, Riverside Corporate Park, 3 Richardson Place, North Ryde, NSW 2113 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086251 (13) A1

(21) PCT/EP2004/002915

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 13 420.4 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEARCH SYSTEM AND METHOD FOR DETERMINING INFORMATION FROM A DATABANK, ESPECIALLY THE WORLDWIDE WEB

• SYSTEME DE RECHERCHE ET PROCEDE POUR RECHERCHER DES INFORMATIONS DANS UNE BANQUE DE DONNEES, NOTAMMENT SUR LE WEB

(71, 72) MELTKE, Frank [DE/DE]; Treenering 5a, 24852 Eggebek (DE).

(74) WALKENHORST, Andreas; TERGAU & POHL, Eschersheimer Landstrasse 26, 60322 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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, 17/60

(11) WO 2004/086252 (13) A1

(21) PCT/GB2003/005259

(22) 2 Dec/déc 2003 (02.12.2003)

(25) en (26) en

(30) 0307148.7 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA RETRIEVAL SYSTEM

• SYSTEME D'EXTRACTION DE DON-
NEES

(71) BRITISH TELECOMMUNICATIONS
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les États désignés sauf US)*

(72, 75) TATESON, Richard, Edward
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(74) LIDBETTER, Timothy, Guy, Edwin;
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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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/086253 (13) A2

(21) PCT/GB2004/001243

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306740.2 24 Mar/mar 2003 GB
(24.03.2003)

(30) 0306741.0 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MESSAGE ANNOUNCEMENTS

• ANNONCES DE MESSAGES

(71) BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY [GB/GB];
81 Newgate Street, London, Greater London
EC1A 7AJ (GB).

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(72, 75) BRISCOE, Robert, John [GB/GB];
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(74) WALLIN, Nicholas, James; BT GROUP
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, H04Q 7/22

(11) WO 2004/086254 (13) A1

(21) PCT/GB2004/001257

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306727.9 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STORING AND RETRIEVING MULTI-
MEDIA DATA AND ASSOCIATED AN-
NOTATION DATA IN MOBILE TELE-
PHONE SYSTEM

• STOCKAGE ET EXTRACTION DE
DONNEES MULTIMEDIA ET DON-
NEES D'ANNOTATION ASSOCIEES
DANS UN SYSTEME DE TELEPHONE
MOBILE

(71) CANON KABUSHIKI KAISHA [JP/JP];
30-2-3-Chome Shimomaruko, Ohta-Ku,
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les États désignés sauf US)*

(72, 75) ATKINSON, Michael, Richard
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(74) BERESFORD & CO; 16 High Holborn,
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 0306877.2 25 Mar/mar 2003 GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONCEPT DICTIONARY BASED IN-
FORMATION RETRIEVAL

• RECHERCHE D'INFORMATIONS
AU MOYEN D'UN DICTIONNAIRE
CONCEPTUEL

(71) BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY [GB/GB];
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les États désignés sauf US)*

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(74) LLOYD, Barry, George, William; BT
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(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/086256 (13) A2

(21) PCT/IB2004/001325

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307203.0 28 Mar/mar 2003 GB
(28.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • VIRTUAL CURRENCY TRADING SYSTEM
• SYSTEME DE CHANGE VIRTUEL
- (71) EUROXCHANGER CURRENCY SERVICES (IRL) LIMITED [IE/IE]; Business Fund Centre, IDA Business and Technology Park, Ballyraine, Letterkenny, Co Donegal (IE).
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- (72, 75) FAULKNER, Michael [IE/IE]; 4 St Jude's Court, Lifford, Donegal (IE). DOHERTY, Dermot [IE/IE]; Leaba Phadraig, Churchtown, Carndonagh, Donegal (IE).
- (74) KEITH, Jones; Murgitroyd & Company, Unit 1, Block 8, Blanchardstown Corporate Park, Cruiserath Road, Dublin 15 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/086258 (13) A1
- (21) PCT/JP2004/004004
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-081650 24 Mar/mar 2003 JP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LIFE INFORMATION SUPPORT SYSTEM
• SYSTEME DE SUPPORT D'INFORMATIONS
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). 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) KAWAGUCHI, Nobuyori [JP/JP]; 3-8, Ooi 5-chome, Shinagawa-ku, Tokyo 140-0014 (JP).
- (72, 75) HASIDA, Koiti [JP/JP]; 3-311, Hinode 5-chome, Urayasu-shi, Chiba 279-0013 (JP). MATSUO, Yutaka [JP/JP]; 406, Aruteiru Ooicho, 23-7, Ooi 1-chome, Shinagawa-ku, Tokyo 140-0014 (JP). IZUMI, Noriaki [JP/JP]; 302, 4-20, Minamigyotoku 1-chome, Ichikawa-shi, Chiba 272-0138 (JP).
- (74) NISHIZAWA, Toshio; Three F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086257 (13) A1
- (21) PCT/IB2004/050338
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 2003/2341 26 Mar/mar 2003 ZA (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SYSTEM AND METHOD FOR ACCESSING AND RECORDING INFORMATION FOR USE IN LAW ENFORCEMENT
• SYSTEME ET PROCEDE D'ENREGISTREMENT DES ACTIVITES D'AGENTS DE MAINTIEN DE L'ORDRE PUBLIC
- (71) CITY OF JOHANNESBURG [ZA/ZA]; Village Road, c/o Loveday & Eloff Street, Selby, 2001 Johannesburg (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAESEL, Mokgatle [ZA/ZA]; 1288 Malachi Street, Moroka, 1818 Soweto (ZA). MASOEK, Derek, Stephen [ZA/ZA]; 1265 Rist Avenue, Queenswood, 0186 Pretoria (ZA). SETLODI, Justice [ZA/ZA]; 79 Visuil, Liefde en Vrede, Mulbarton, 2058 Alberton (ZA). SEUOE, Lucky [ZA/ZA]; 25 Kestrel Avenue, Rooihuiskraal, 0154 Centurion (ZA).
- (74) D M KISCH INC; P.O. Box 781218, 2146 Sandton (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH
- (30) 10/393,356 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • VISUAL CONTENT SUMMARY
• RESUME DE CONTENU VISUEL
- (71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, D-69190 Wall-dorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EBERT, Peter, S. [DE/US]; 2180 Camino de los Robles, Menlo Park, CA 94025 (US).
- (74) TROESCH, Hans, R.; Fish & Richardson P.C., 3300 Dain Rauscher Plaza, 60 South 6th Street, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/50
- (11) WO 2004/086260 (13) A1
- (21) PCT/DK2004/000216
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 03388019.6 26 Mar/mar 2003 EP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • COMPUTER-IMPLEMENTED METHOD OF SELECTING A PROFILED ELEMENT FOR A LOAD-BEARING STRUCTURE
• PROCEDE INFORMATIQUE DE SELECTION D'UN ELEMENT PROFILE POUR UNE STRUCTURE DE SUPPORT DE CHARGE
- (71) FIBERLINE A/S [DK/DK]; Nr. Bjertvej 88, DK-6000 Kolding (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THORNING, Henrik [DK/DK]; Egirsvvej 10, Strandhuse, DK-6000 Kolding (DK).
- (74) NIELSEN, Henrik, Sten; Budde, Schou & Ostenfeld A/S, Vester Sogade 10, DK-1601 Copenhagen V (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086261 (13) A1

(21) PCT/AU2004/000261

(22) 1 Mar/mar 2004 (01.03.2004)

(25) en (26) en

(30) 2003901627 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTERACTIVE TERMINAL FOR CREATING ORDERS

• TERMINAL INTERACTIF POUR LA CREATION DE COMMANDES

(71) ORDATRONICS PTY LTD [AU/AU]; 3/2a Sarton Road, Clayton, Victoria 3168 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HO, Tien Xam [AU/AU]; 49 Thomas Mitchell Drive, Endeavour Hills, Victoria 3802 (AU). CLARKE, Anesley, John [AU/AU]; 19 Aldridge Street, Endeavour Hills, Victoria 3802 (AU). NGUYEN, Minh, Quang [AU/AU]; 23 Bristol Street, East Bentleigh, Victoria 3165 (AU).

(74) CHRISTIE, Andrew, L et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 2003901453 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD OF PHARMACEUTICAL PRESCRIPTION AND DISTRIBUTION

• SYSTEME ET PROCEDE DE PRESCRIPTION ET DISTRIBUTION PHARMACEUTIQUES

(71) ALCHEMIST HEALTHCARE LIMITED [AU/AU]; First Floor, Churchill Court, 232 Churchill Avenue, Subiaco, Western Australia 6009 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENZ, Christopher [AU/AU]; First Floor, Churchill Court, 232 Churchill Avenue, Subiaco, Western Australia 6009 (AU). FITZGERALD, Anthony [AU/AU]; First Floor, 232 Churchill Court, 232 Churchill Avenue, Subiaco, Western Australia 6008 (AU). DI GIACOMO, Santino [AU/AU]; First Floor, Churchill Court, 232 Churchill Avenue, Subiaco, Western Australia 6008 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086263 (13) A2

(21) PCT/BE2004/000044

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003/0194 26 Mar/mar 2003 BE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR THE FOLLOW-UP OF A PROJECT MANAGEMENT, COMPETENCE MANAGEMENT OR THE LIKE

• PROCEDE ET SYSTEME SERVANT A ASSURER LE SUIVI DE LA GESTION DE PROJETS OU DE COMPETENCES

(71) HET BABBAGE INSTITUUT VOOR KENNIS EN INFORMATIE TECHNOLOGIE, VERENIGING ZONDER WINSTOOGMERK [BE/BE]; Jozef Plateastraat, 22, B-9000 Gent (BE).

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(72, 75) VANDAMME, Fernand, Jozef [BE/BE]; Holstraat 79, B-9000 Gent (BE).

(74) DONNÉ, E.; Bureau M.F.J. Bockstaël n.v., Arenbergstraat 13, B-2000 Antwerpen (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G06F 17/60, 1/00

(11) WO 2004/086264 (13) A1

(21) PCT/DE2004/000224

(22) 9 Feb/fév 2004 (09.02.2004)

(25) de (26) de

(30) 103 12 774.7 21 Mar/mar 2003 DE (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND COMMUNICATION SYSTEM FOR RELEASING A DATA PROCESSING UNIT

• PROCEDE ET SYSTEME DE COMMUNICATION POUR HOMOLOGUER UNE UNITE DE TRAITEMENT DE DONNEES

(71) DEUTSCHE TELEKOM AG [DE/DE]; Friedrich-Ebert-Allee 140, 53113 Bonn (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SAAR, Eva [DE/DE]; Wolfsweg 3, 64347 Griesheim (DE). LÖHLEIN, Bernhard [DE/DE]; Schulstrasse 20, 97837 Erlenbach (DE). HUBER, Klaus [DE/US]; University of Illinois, Coordinated Science Laboratory, 1308 West Main Street, Urbana, IL 61801-2307 (US). GUNKEL, Matthias [DE/DE]; Tulpenweg 29, 64291 Darmstadt (DE).

(74) DEUTSCHE TELEKOM AG; Rechtsabteilung (Patente) R8-10, Am Kavalleriesand 3, 64295 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE 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/EP2003/003044

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A PROCESS FOR COMPUTER-IMPLEMENTED MANAGEMENT OF ONE OR MORE TARGET AGREEMENTS AND A TARGET AGREEMENT COMPUTER SYSTEM

• PROCEDE POUR GESTION MISE EN OEUVRE PAR ORDINATEUR D'UN OU DE PLUSIEURS CONTRATS CIBLES ET SYSTEME INFORMATIQUE DE CONTRATS CIBLES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurotstr. 16, 69190 Walldorf (DE).

(72) WESTENDORF, Frank; Anemonenweg 13, 76698 Ulm-Weihert (DE). IHLE, Michael; Pfingststr. 6a, 76694 Forst (DE). WIESNER, Lars; Schweizerweg 2, 69120 Heidelberg (DE). KOLLER, Walter; ** (**). SCHÖNECKER, Matthias; ** (**).

(74) HÖSSLE KUDLEK & PARTNER; P.O. Box 10 23 38, 70019 Stuttgart (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA 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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(25) en (26) en

(30) 103 13 693.2 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND SYSTEMS FOR AUTOMATIC EVALUATION OF BALANCE SHEET OBJECTS

• PROCEDES ET SYSTEMES D'EVALUATION AUTOMATIQUE D'ARTICLES DE BILAN

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurotstr. 16, 69190 Walldorf (DE).
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(72, 75) SCHMID, Stefan [DE/DE]; Barlachstrasse 4, 69168 Wiesloch (DE). SONNEK, Mathias [DE/DE]; Herderstrasse 1a, 68794 Oberhausen-Rheinhausen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086267 (13) A2

(21) PCT/EP2004/003317

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/400,441 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EFFECTIVE SECURITY SCHEDULER
• PROGRAMMATEUR DE SECURITE EFFICACE

(71) ACCENTURE GLOBAL SERVICES GMBH [CH/CH]; Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen (CH).
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(72, 75) ROBERTSON, Craig, V. [US/US]; 620 Josephine Street, Denver, CO 80206 (US). SHRADER-BRAWLEY, Ann, Rachel [US/US]; 12019 Wortham Landing Drive, Houston, TX 77065 (US). FRISK, Daniel, G. [US/US]; 2525 North 10th Street 401, Arlington, VA 22201 (US).

(74) SINISCALCO, Fabio et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086268 (13) A1

(21) PCT/GB2004/001339

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,882 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESSING OF DEAL TICKETS

• TRAITEMENT DE FICHES MARCHES

(71) ELECTRONIC BROKING SERVICES LIMITED [GB/GB]; 55-56 Lincolns Inn Fields, London WC2A 3LJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZUBAIRI, Nasir [GB/US]; 535 Madison Avenue, 24th Floor, New York, NY 10022 (US).

(74) LLOYD, Patrick, Alexander, Desmond; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03290761.0 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRONIC MAIL SYSTEM, APPARATUS AND REMOVABLE STORAGE MEANS SUITABLE FOR SUCH A SYSTEM

• SYSTEME DE COURRIER ELECTRONIQUE, APPAREIL ET MOYENS DE STOCKAGE AMOVIBLES CONVENEANT A UN TEL SYSTEME

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).
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(72, 75) BODLAENDER, Maarten, Peter [NL/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 PARIS (FR). WILLEMS, Henricus, Xavier [NL/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 PARIS (FR).

(74) CHAFFRAIX, Jean; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086270 (13) A2

(21) PCT/IL2004/000255

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 155112 27 Mar/mar 2003 IL (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TECHNIQUE FOR NETWORK MANAGEMENT

• TECHNIQUE DE GESTION DE RESEAU

(71) ECI TELECOM LTD. [IL/IL]; 30 Hasivim Street, 49517 PETACH TIKVA (IL).

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(72, 75) KATZ, Igor [IL/IL]; 128/4 Hey Beiyar Street, Rosh Ha'ayin 48256 (IL). GOZMAN, Gennady [IL/IL]; 9b Arie Ben Eliezer Street, 72285 RAMLA (IL). YEKUTIELI, Oren [IL/IL]; 18 Nahal Hayarkon, Modi'in 71700 (IL).

(74) INGEL, Gil et al. / etc.; Eci Telecom Ltd., Patent And Trademark Dept., 30 Hasivim Street, Petach Tikva 49517 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086271 (13) A1

(21) PCT/JP2003/003491

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM FOR MANAGING REMOVER OF FREON SUBSTITUTION GAS OR FREON GAS

• SYSTEME DE GESTION D'UN MECANISME D'ENLEVEMENT D'UN GAZ DE SUBSTITUTION AU FREON OU DU FREON

(71) NISSHO IWAI RESEARCH INSTITUTE, LTD. [JP/JP]; 3-1, Daiba 2-chome, Minato-ku, Tokyo 135-8655 (JP).

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(72, 75) HARANAKA, Masayuki [JP/JP]; c/o Nissho Iwai Research Institute, Ltd., 3-1, Daiba 2-chome, Minato-ku, Tokyo 135-8655 (JP). ITO, Junichi [JP/JP]; c/o Nissho Iwai Research Institute, Ltd., 3-1, Daiba 2-chome, Minato-ku, Tokyo 135-8655 (JP). TAKATSU, Toshikazu [JP/JP]; c/o Nissho Iwai Research Institute, Ltd., 3-1, Daiba 2-chome, Minato-ku, Tokyo 135-8655 (JP).

(74) TAKEDA, Masahiko et al. / etc.; Zexel Bldg. Akasaka, 13-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/086272 (13) A1

(21) PCT/JP2003/003501

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROJECT INFORMATION PROVIDING SYSTEM AND PROJECT INFORMATION PROVIDING METHOD

• SYSTEME ET PROCEDE FOURNISANT DES INFORMATIONS DE PROJET

(71) TOSHIBA IT-SOLUTIONS CORPORATION [JP/JP]; 66-2, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8550 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMADA, Hiroyoshi [JP/JP]; c/o TOSHIBA IT-SOLUTIONS CORPORATION, 66-2, Horikawa-cho, Saiwai-ku,

Kawasaki-shi, Kanagawa 212-8550 (JP). KATO, Hideki [JP/JP]; c/o TOSHIBA IT-SOLUTIONS CORPORATION, 66-2, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8550 (JP).

(74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086273 (13) A1

(21) PCT/JP2004/003682

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-082698 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMAGE EDITION SERVICE PROVIDING SYSTEM AND IMAGE EDITION SERVICE PROVIDING METHOD

• SYSTEME ET PROCEDE ASSURANT UN SERVICE D'EDITION D'IMAGES

(71) KONICA MINOLTA HOLDINGS, INC. [JP/JP]; 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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(72, 75) NARUMIYA, Tsuyoshi [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). MURATA, Shinji [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). TAMURA, Tomoaki [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). HARAGA, Hideaki [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). MARIKAWA, Yuichi [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). YAMAUCHI, Reiko [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086274 (13) A1

(21) PCT/JP2004/003905

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080504 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR PROVIDING HEALTH INFORMATION USING GENOME INFORMATION

• SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES INFORMATIONS DE SANTE AU MOYEN D'INFORMATIONS GENOMIQUES

(71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5410054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUMI, Yoshihiko [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo, 1910065 (JP). MATSUZAKA, Miwa [JP/JP]; Housing for government workers 31-16, 3-3, Nukuikitamachi, Koganei-shi, Tokyo, 1840015 (JP).

(74) HAYASHI, Tsunenori et al. / etc.; Hayashi, Doi & Associates, 3rd Floor, Toshou-Bldg. No.3, 3-9-5, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa, 2220033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086275 (13) A1

(21) PCT/KR2004/000679

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0019056 27 Mar/mar 2003 KR (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ON-LINE AUCTION SYSTEM AND THE METHOD FOR THE SAME

• SYSTEME DE VENTE AUX ENCHERES EN LIGNE ET PROCEDE ASSOCIE

(71, 72) SONG, Seung June [KR/KR]; 364-38, Hapjung-Dong, Mapo-Ku, Seoul 121-220 (KR).

(74) CHO, Hyok Gun; 5th Floor, Sankwang Bldg. 125, Euljiro-4Ga Chung-K, u, Seoul 100-848 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086276 (13) A1

(21) PCT/SE2004/000449

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0300888-5 27 Mar/mar 2003 SE (27.03.2003)

(30) 0301967-6 3 Jul/juil 2003 SE (03.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND APPARATUS FOR SUPPORTING CONTENT PURCHASES OVER A PUBLIC COMMUNICATION NETWORK

• PROCEDE ET APPAREIL POUR LE SUPPORT D'ACHATS DE CONTENU SUR UN RESEAU DE COMMUNICATIONS PUBLIC

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).

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(72, 75) JOHANSSON, Niklas [SE/SE]; Furusundsgatan 18, S-115 37 Stockholm (SE). FORSHED, Östen [SE/SE]; Hamnerästavägen 102, S-122 60 Enskede (SE). BOSTRÖM, Patrik [SE/SE]; Nordingrätgatan 4, S-162 53 Vällingby (SE).

(74) BERGENSTRÄHLE & LINDVALL AB; Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086277 (13) A1

(21) PCT/SG2004/000072

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PI 20031161 28 Mar/mar 2003 MY (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A CUSTOMER INCENTIVE SCHEME

• STRATEGIE D'INCITATION POUR LE CLIENT

(71) INTELLECTUAL PROPERTY SERVICES PTE LTD [SG/SG]; 80 Raffles Place, UOB Plaza 1, #45-05, Singapore 048624 (SG).

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(72, 75) FILMER, Colin, Sydney [MY/MY]; 149, Lorong Timur, Taman Zoo View, Ampang, 68000 Selangor Darul Ehsan (MY).

(74) HAQ, Murgiana; Haq & Selvam, 80 Raffles Place, UOB Plaza 1, #45-05, Singapore 048624 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ G06F 17/60

(11) WO 2004/086278 (13) A2

(21) PCT/US2004/006582

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/393,233 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR VERIFYING PHOTOFINISHING ORDER

• PROCEDE ET SYSTEME DE VERIFICATION DE COMMANDE DE DEVELOPPEMENT-TIRAGE DE PHOTOGRAPHIES

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILL, David Wayne** [US/US]; 2939 Santos Lane, Apartment 1834, Walnut Creek, CA 94608 (US).

(74) **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 17/60, C22B 9/00

(11) WO 2004/086279 (13) A1

(21) PCT/US2004/007178

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/394,853 22 Mar/mar 2003 US (22.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR GENERATING POLLUTION CREDITS WHILE PROCESSING REACTIVE METALS

• TRAITEMENT DE METAUX REACTIFS : PROCEDE PERMETTANT D'OBTENIR DES DROITS DE POLLUTION

(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) **MILBRATH, Dean, S.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **OWENS, John, G.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JORDAN, Robert, 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 AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 19/00

(11) WO 2004/086280 (13) A2

(21) PCT/FR2004/000644

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/03276 18 Mar/mar 2003 FR (18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR QUICKLY FORMING A STOCHASTIC METHOD REPRESENTING THE DISTRIBUTION OF A PHYSICAL VARIABLE IN A HETEROGENEOUS ENVIRONMENT BY APPROPRIATE SELECTION OF GEOSTATIC REALIZATIONS

• METHODE POUR FORMER RAPIDEMENT UN MODELE STOCHASTIQUE REPRESENTATIF DE LA DISTRIBUTION D'UNE GRANDEUR PHYSIQUE DANS UN MILIEU HETEROGENE PAR UNE SELECTION APPROPRIEE DE REALISATIONS GEOSTATISTIQUES

(71) **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 et 4, avenue du Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).

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(72, 75) **SCHAAF, Thomas** [FR/FR]; 5, Impasse Saint-Sulpice, F-92500 Rueil-Malmaison (FR). **CHAVENT, Guy** [FR/FR]; 33, rue du Mesnil, F-78600 Maison-Laffitte (FR). **MEZGHANI, Mokhlès** [FR/FR]; 121bis, avenue Paul Doumer, F-92500 Rueil-Malmaison (FR).

(74) **ELMALEH, Alfred**; Institut Français du Pétrole, 1 et 4, avenue du Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086281 (13) A1

(21) PCT/IB2003/001126

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR COMPARING PROTEOMES

• PROCÉDÉ DE COMPARAISON DE PROTÉOMES

(71) **INSTITUT SUISSE DE BIOINFORMATIQUE** [CH/CH]; Centre Médical Universitaire, Institut Suisse de Bioinformatique, Centre Médical Universitaire, 1, rue Michel-Servet, CH-1211 Genève 4 (CH).

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(72, 75) **APPEL, Ron** [CH/CH]; 26, route des Carres, CH-1252 Meinier (CH). **PALAGI, Patricia** [IT/CH]; 6, rue Dubois-Melly, CH-1205 Genève (CH).

(74) **DUCOR, Philippe**; BMG Avocats, Avenue de Champel 8c, Case Postale 385, CH-1211 Genève 12 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 19/00

(11) WO 2004/086282 (13) A1

(21) PCT/KR2003/000563

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ko (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MANAGEMENT SYSTEM AND THE METHOD FOR MANAGING FACILITIES FOR STORING BIO METRIC INFORMATION AND IMAGES

• PROCEDE ET SYSTEME DE GESTION DE STRUCTURES DE CONSERVATION D'INFORMATION BIOMETRIQUE ET D'IMAGES

(71, 72) **KIM, Mi-Joung** [KR/KR]; 248, Yangtae-ri, Hasung-myeon, Kyeonggi-do, Kimpo 415-883 (KR). **WOO, Hyeoung-Cheol** [KR/KR]; 248, Yangtae-ri, Hasung-myeon, Kyeonggi-do, Kimpo 415-883 (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086283** (13) A2

(21) PCT/US2004/008716

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,984 24 Mar/mar 2003 US (24.03.2003)

(30) 10/626,470 24 Jul/juil 2003 US (24.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNCHRONIZED DATA-CENTRIC AND DOCUMENT-CENTRIC KNOWLEDGE MANAGEMENT SYSTEM FOR DRUG DISCOVERY AND DEVELOPMENT

• SYSTEME DE GESTION DE CONNAISSANCES AXEES SUR DES DOCUMENTS ET SUR DES DONNEES SYNCHRONISEES SERVANT A LA DECOUVERTE ET AU DEVELOPEMENT DE MEDICAMENTS

(71) **APPLERA CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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(72, 75) **REYNDERS, John** [US/US]; 20309 Battery Bend Place, Gaithersburg, MD 20886 (US). **HENDERSON, Scott** [US/US]; 4314 Willow Lane, Chevy Chase, MD 20815 (US).

(74) **STOBBS, Gregory, A. et al.** / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/00

(11) **WO 2004/086284** (13) A2

(21) PCT/FR2004/000643

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/03592 24 Mar/mar 2003 FR (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PROTECTING A CONTENT, DEVICE AND DATA MEDIUM FOR CARRYING OUT SAID METHOD

• PROCEDE POUR PROTEGER UN CONTENU, DISPOSITIF ET SUPPORT DE DONNEES POUR LA MISE EN ŒUVRE DU PROCEDE

(71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

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(72, 75) **ARDITTI, David** [FR/FR]; 46ter, rue Paul Vaillant Couturier, F-92140 Clamart (FR). **FRISCH, Laurent** [FR/FR]; 27, avenue d'Italie, F-75013 Paris (FR). **MOUTON, Dimitri** [FR/FR]; 11, rue Antoine Bourdelle, F-75015 Paris (FR).

(74) **STEPHANN, Valérie**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06K

(11) **WO 2004/086285** (13) A2

(21) PCT/US2004/006306

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/396,586 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTINUOUS LAMINATION OF RFID BANDS AND INLETS

• LAMINAGE CONTINU DE BANDES ET ENTREES RFID

(71) **PRECISION DYNAMICS CORPORATION** [US/US]; 13880 Del Sur Street, San Fernando, CA 91340 (US).

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(72) **CHAOUI, Sam, M.**; 21647 High Bluff Road, Diamond Bar, CA 91765 (US).

(74) **KELLEY, Scott, W.**; Kelly, Bauersfeld, Lowry & Kelly, LLP, Suite 1650, 6320 Canoga Avenue, Woodland Hills, CA 91367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086286** (13) A2

(21) PCT/US2004/007200

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/397,912 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AQUEOUS MAGNETIC INK CHARACTER RECOGNITION INK-JET INK COMPOSITION CONTAINING A COMBINATION OF SPECIAL SURFACTANTS

• COMPOSITION D'ENCRE D'IMPRESSION PAR JET D'ENCRE AQUEUSE POUR RECONNAISSANCE DE CARACTERES MAGNETIQUES CONTENANT UNE COMBINAISON DE TENSIOACTIFS SPECIAUX

(71) **NU-KOTE INTERNATIONAL, INC.** [US/US]; 200 Beasley Drive, Franklin, TN 37064 (US).

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(72, 75) **MCELLIGOTT, Michael, J.** [—/US]; 633 Snyder City Pk., Rochester, NY 14615 (US). **SNYDER, Donald, E., Jr.** [—/US]; 28 Union Hill Dr., Spencerport, NY 14559 (US). **COUTTA, Ronald, E.** [—/US]; 1332 North Hampton Circle, Cookeville, TN 38501 (US).

(74) **MCKEE, James, W.**; Fay, Sharpe, Fagan, Minnich & McKee, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2579 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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

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(30) 10/394,805 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND SYSTEMS FOR LOCATING SUBJECTS AND PROVIDING EVENT NOTIFICATION WITHIN A TRACKING ENVIRONMENT AND BADGE FOR USE THEREIN

• PROCEDES ET SYSTEMES DE LOCALISATION DE SUJETS ET DE GENERATION D'UNE NOTIFICATION D'EVENEMENT DANS UN ENVIRONNEMENT DE POURSUITE ET BADGE DESTINE A ETRE UTILISE DANS CES SYSTEMES

(63) US 10/394,805 (CON) 21 Mar/mar 2003 (21.03.2003)

(71) VERSUS TECHNOLOGY, INC. [US/US]; 2600 Miller Creek Road, Traverse City, MI 49684 (US).
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(72, 75) TENARVITZ, Henry, J. [US/US]; 951 N. Windward Drive, Suttons Bay, MI 49682 (US).

(74) SYROWIK, David, R. et al. / etc.; Brooks Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G06K

(11) WO 2004/086288 (13) A2

(21) PCT/US2004/008773

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/396,064 24 Mar/mar 2003 US (24.03.2003)

(30) 10/729,696 5 Dec/déc 2003 US (05.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS AND METHOD FOR ENHANCING FACE-TO-FACE COMMUNICATION

• APPAREIL ET PROCEDE POUR RENFORCER LA COMMUNICATION EN FACE A FACE

(71) NTAG INTERACTIVE, LLC [US/US]; 52 Riverside Drive #14A, New York, NY 10024 (US).

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(72, 75) BOROVVOY, Richard, D. [US/US]; 221 Columbus Avenue #404, Boston, MA 02116 (US). EBERSTADT, George, A. [US/US]; 52 Riverside Drive #14A, New York, NY 10024 (US).

(74) BOROVVOY, Roger, S.; Fish & Richardson P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94063-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086289 (13) A2

(21) PCT/US2004/009070

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,263 24 Mar/mar 2003 US (24.03.2003)

(30) 10/807,775 23 Mar/mar 2004 US (23.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RFID TAGS AND PROCESSES FOR PRODUCING RFID TAGS

• ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE ET PROCEDES PERMETTANT DE PRODUIRE DE TELLES ETIQUETTES

(71) ALIEN TECHNOLOGY CORPORATION [US/US]; 18220 Butterfield Boulevard, Morgan Hill, CA 95037 (US).

(72) GENGEL, Glen, W.; 690 Tevis Trail, Hollister, CA 95023 (US). HADLEY, Mark, A.; 39887 Cedar Boulevard, #353, Newark, CA 94560 (US). POUNDS, Tom; 17380 Valley Oak Dr., Monte Sereno, CA 95030 (US). SCHATZ, Kenneth, D.; 1445 Cerro Verde, San Jose, CA 95120 (US). DRZAIK, Paul, S.; 506 Calle Florencia, Morgan Hill, CA 95037 (US).

(74) SCHELLER, James, C. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/00, H04L 9/32, G07F 7/08, G06F 17/60, G06K 17/00, G07C 9/00

(11) WO 2004/086290 (13) A1

(21) PCT/IB2004/050341

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003/2343 26 Mar/mar 2003 ZA (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTHENTICATION OF RADIO FREQUENCY TRANSPONDERS

• AUTHENTICATION DE TRANSPONDEURS RADIOFREQUENCE

(71) SUPERSENSOR (PTY) LTD (IN LIQUIDATION) [ZA/ZA]; No. 14 Halifax Street, 2196 Sandton (ZA).

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(72, 75) KRUGER, Johan, Dawid [ZA/ZA]; 11 Katdoring Way, Fourways Gardens, Witkoppen, 2194 Randburg (ZA). MCMURRAY, John [ZA/ZA]; 222 The Trichardt Crescent, President Park, 1685 Midrand (ZA).

(74) D M KISCH INC; P.O. Box 781218, 2146 SANDTON (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 10314071.9 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR QUALITATIVE EVALUATION OF A MATERIAL WITH AT LEAST ONE IDENTIFICATION CHARACTERISTIC

• PROCEDE D'EVALUATION QUALITATIVE D'UNE MATIERE PRESENTANT AU MOINS UNE CARACTERISTIQUE D'IDENTIFICATION

(71) KOENIG & BAUER AKTIENGESSELLSCHAFT [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).
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(72, 75) DIEDERICH, Carsten [DE/DE]; Rosengarten 4a, 32657 Lemgo (DE). LOHWE, Volker [DE/DE]; In der Linnenstr. 35, 33699 Bielefeld (DE). SACHER, Jörn [DE/DE]; Schöneberger Str. 1, 32120 Hiddenhausen (DE). STÖBER, Bernd, Rüdiger [DE/DE]; Kaiserforst 19, 33378 Rheda-Wiedenbrück (DE). TÜRKE, Thomas [DE/DE]; Myrtenweg 19, 33699 Bielefeld (DE). WILLEKE, Harald, Heinrich [DE/DE]; Robert-Koch-Str. 12a, 33102 Paderborn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086292 (13) A1

(21) PCT/EP2004/050281

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 03121356.1 26 Mar/mar 2003 CN (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR CLASSIFYING FIELD TYPES OF A DIGITAL IMAGE

• PROCEDE ET DISPOSITIF POUR CLASSER DES TYPES DE CHAMPS D'UNE IMAGE NUMERIQUE

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
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(72, 75) ZHEN, Li Xin [CN/CN]; 4-5 Le Chan Zhi Road, 502, Shanghai 200040 (CN). LI, Jun [CN/CN]; Room 502, No 6th building, 661 Longchang Road, Shanghai 200093 (CN). HUANG, Jian Cheng [CN/US]; 168 An Fu Road, 25C, Shanghai 200031 (CN).

(74) MCCORMACK, Derek, J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 60/456,150 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SELECTIVE ENHANCEMENT OF DIGITAL IMAGES

• RENFORCEMENT SELECTIF D'IMAGES NUMERIQUES

(71) NIK MULTIMEDIA, INC. [US/US]; Suite 280, 7580 Metropolitan Drive, San Diego, CA 92108-4418 (US).
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(72, 75) KOKEMOHR, Nils [DE/DE]; Valentinskamp 30, 20355 Hamburg (DE).

(74) ROSE, Robert, J.; Sheldon & Mak PC, 9th Floor, 225 South Lake Avenue, Pasadena, CA 91101-3005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AUTHENTICATION CARD AND WIRELESS AUTHENTICATION SYSTEM FOR MUTUAL AUTHENTICATION USING THE AUTHENTICATION CARD

• CARTE D'AUTHENTIFICATION ET SYSTEME D'AUTHENTIFICATION RADIO POUR AUTHENTIFICATION MUTUELLE AVEC LA CARTE D'AUTHENTIFICATION

(71, 72) SASAKURA, Toyoki [JP/JP]; c/o Super Wave Co., Ltd., 2-1-16, Hamamatsu-cho, Minato-ku, Tokyo 105-0013 (JP). MIYAMOTO, Kenichi [JP/JP]; c/o Super Wave Co., Ltd., 2-1-16, Hamamatsu-cho, Minato-ku, Tokyo 105-0013 (JP).

(74) HAYASHI, Tsunenori et al. / etc.; Hayashi, Doi & Associates, Toshou-Bldg. No. 3, 3-9-5, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/00, G01R 27/00, H03H 7/38

(11) WO 2004/086295 (13) A1

(21) PCT/AU2004/000395

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,614 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,831 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,827 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,725 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,830 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A CONTROL ARCHITECTURE FOR A QUANTUM COMPUTER

• ARCHITECTURE DE COMMANDE POUR ORDINATEUR QUANTIQUE

(71) QUCOR PTY LTD [AU/AU]; Rupert Myers Building, Gate 14 Barker Street, UNSW, Sydney, New South Wales 2052 (AU).

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(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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) WO 2004/086296 (13) A2

(21) PCT/US2004/008443

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,680 20 Mar/mar 2003 US (20.03.2003)

(30) 60/456,912 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPUTATION OF WALL THICKNESS

• CALCUL DE L'ÉPAISSEUR D'UNE PAROI

(71) UNIVERSITY OF WASHINGTON [US/US]; Suite 500, 4311 11th Avenue NE, Seattle, WA 98105-4608 (US).

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(72, 75) YUAN, Chun [US/US]; 9047 NE 34th Street, Bellevue, WA 98004 (US). HAN, Chao [CN/CN]; JianShe Road Post Office, P.O. Box 5A-218, SiChuan Province, ChengDu 610051 (CN). HATSUKAMI, Thomas [US/US]; 9843 SE 42nd Place, Mercer Island, WA 98040 (US).

(74) ANDERSON, Ronald; Law Offices of Ronald M. Anderson, Suite 507, 600 108th Avenue NE, Bellevue, WA 98004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00, 5/30

(11) WO 2004/086297 (13) A1

(21) PCT/IB2004/000949

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 0350072 27 Mar/mar 2003 FR (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEDICAL IMAGING SYSTEM AND A METHOD FOR SEGMENTING AN OBJECT OF INTEREST.

• SYSTEME D'IMAGERIE MEDICALE ET PROCEDE DE SEGMENTATION D'UN OBJET A ETUDIER

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).

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(72, 75) COHEN-BACRIE, Claude [FR/US]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). LA-GRANGE, Jean-Michel [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). LEVRIER, Claire [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). ENTREKIN, Robert, Randall [US/US]; Société Civile SPID, 156, Boulevard Haussmann, F-75008 Paris (FR). VILLAIN, Nicolas [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) CHAFFRAIX, Jean; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00

(11) WO 2004/086298 (13) A1

(21) PCT/JP2004/003841

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/396,256 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONVERTING A TWO-DIMENSIONAL DISTANCE FIELD TO A SET OF BOUNDARY DESCRIPTORS

• PROCEDE DE CONVERSION D'UN CHAMP DE DISTANCE BIDIMENSIONNEL EN UN ENSEMBLE DE DESCRIPTEURS DE CONTOURS

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP).

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(72, 75) FRISKEN, Sarah, F. [CA/US]; 28 Maple Ave. #1, Cambridge, MA 02139 (US). PERRY, Ronald, N. [US/US]; 28 Maple Ave. #1, Cambridge, MA 02139 (US).

(74) SOGA, Michiharu et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 03100789.1 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE AND METHOD FOR CORRELATION OF AN ULTRASOUND IMAGE AND AN X-RAY IMAGE

• DISPOSITIF ET PROCÉDE DE CORRELATION D'UNE IMAGE A ULTRASONS ET D'UNE IMAGE RADIOLOGIQUE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/00

(11) WO 2004/086300 (13) A1

(21) PCT/US2004/008396

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/392,990 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INSPECTION SYSTEM, APPARATUS AND METHOD FOR RECONSTRUCTING THREE-DIMENSIONAL IMAGES FOR PRINTED CIRCUIT BOARD AND ELECTRONICS MANUFACTURING INSPECTION

• SYSTEME, APPAREIL ET PROCÉDE D'INSPECTION OPTIQUE DE RECONSTITUTION D'IMAGES TRIDIMENSIONNELLES DE CARTE IMPRIMÉE ET INSPECTION DE FABRICATION DE COMPOSANTS ELECTRONIQUES

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(74) HARDCASTLE, Ian; Agilent Technologies, Inc., Legal Department, DL 429, Intellectual Property Administration, P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/00

(11) WO 2004/086301 (13) A2

(21) PCT/US2004/008830

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/457,056 24 Mar/mar 2003 US (24.03.2003)

(30) 60/490,332 25 Jul/juil 2003 US (25.07.2003)

(30) 10/805,946 22 Mar/mar 2004 US (22.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR VEHICLE DETECTION AND TRACKING

• SYSTÈME ET PROCÉDE DE DÉTECTION ET DE SUIVI DE VÉHICULES

(71) SIEMENS CORPORATE RESEARCH INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).

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(72, 75) COMANICIU, Dorin [RO/US]; 2 Stuart Lane West, Princeton Junction, NJ 08550 (US).
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(74) CONOVER, Michele, L. et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/00

(11) WO 2004/086302 (13) A1

(21) PCT/CA2004/000464

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2,423,618 28 Mar/mar 2003 CA (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OVERCOMPLETE BASIS TRANSFORM-BASED MOTION RESIDUAL FRAME CODING METHOD AND APPARATUS FOR VIDEO COMPRESSION

• PROCÉDE DE CODAGE DE TRAME RESIDUELLE DE MOUVEMENT BASE SUR UNE TRANSFORMÉE SUR-COMPLÈTE ET APPAREIL DE COMPRESSION VIDEO

(71) DIGITAL ACCELERATOR CORPORATION [CA/CA]; 1255 West Pender Street, Vancouver, British Columbia V6E 2V1 (CA).
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KOAT, Peter [CA/CA]; #4 - 6533 121st Street, Surrey, British Columbia V3W 1M5 (CA).

(74) MBM & CO.; #2200-200 Granville Street, Vancouver, British Columbia V6C 1S4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 10/392,282 19 Mar/mar 2003 US (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RASTERIZATION OF PRIMITIVES USING PARALLEL EDGE UNITS

- TRAMAGE DE PRIMITIVES UTILISANT DES UNITES DE CONTOUR PARALLELES
 - (71) **SUN MICROSYSTEMS, INC.** [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **DEERING, Michael, F.** [US/US]; 657 Cuesta Drive, Los Altos, CA 94024 (US).
 - (74) **MEYERTONS, HOOD, KIVLIN, KOW-ERT & GOETZEL, P.C.**; Attn: HOOD, Jeffrey C., P.O. Box 398, Austin, TX 78767-0398 (US).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/20, 11/00, G06F 17/21, G09G 5/24**
- (11) **WO 2004/086304** (13) A1
- (21) PCT/JP2004/003839
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/396,665 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR CONVERTING A TWO-DIMENSIONAL OBJECT TO A TWO-DIMENSIONAL DISTANCE FIELD
- PROCEDE DE CONVERSION D'UN OBJET BIDIMENSIONNEL EN UN CHAMP DE DISTANCE BIDIMENSIONNEL
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
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- (72, 75) **PERRY, Ronald, N.** [US/US]; 28 Maple Ave. #1, Cambridge, MA 02139 (US). **FRISKEN, Sarah, F.** [CA/US]; 28 Maple Ave. #1, Cambridge, MA 02139 (US).
- (74) **SOGA, Michiharu et al.** / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/20, 11/00, G06F 17/21, G09G 5/24**
- (11) **WO 2004/086306** (13) A1
- (21) PCT/JP2004/003845
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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
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- (51)⁷ **G06T 11/20, 11/00, G06F 17/21, G09G 5/24**
- (11) **WO 2004/086305** (13) A1
- (21) PCT/JP2004/003843
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/396,987 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR ANIMATING AN OBJECT AS A SEQUENCE OF FRAMES ACCORDING TO AN ANIMATION SCRIPT
- PROCEDE D'ANIMATION D'OBJET SOUS LA FORME D'UNE SEQUENCE DE TRAMES, SELON UN SCENARIO D'ANIMATION
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
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- (72, 75) **FRISKEN, Sarah, F.** [CA/US]; 28 Maple Ave. #1, Cambridge, Massachusetts, Cambridge, MA 02139 (US).
- (74) **SOGA, Michiharu et al.** / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/20, 11/00, G06F 17/21, G09G 5/24**
- (11) **WO 2004/086307** (13) A1
- (21) PCT/JP2004/003847
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/396,861 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR ANTIALIASING A REGION OF A TWO-DIMENSIONAL DISTANCE FIELD REPRESENTING AN OBJECT
- PROCEDE ET DISPOSITIF POUR L'ANTICRENELAGE D'UNE REGION DE CHAMP DE DISTANCE BIDIMENSIONNEL REPRESENTANT UN OBJET
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
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- (30) 10/396,267 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR GENERATING A TWO-DIMENSIONAL DISTANCE FIELD WITHIN A CELL ASSOCIATED WITH A CORNER OF A TWO-DIMENSIONAL OBJECT
- PROCEDE D'ELABORATION DE CHAMP DE DISTANCE BIDIMENSIONNEL DANS UNE CELLULE ASSOCIEE A UN COIN D'OBJET BIDIMENSIONNEL
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
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- (74) **SOGA, Michiharu et al.** / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 11/20, 11/00, G06F 17/21, G09G 5/24**
- (11) **WO 2004/086308** (13) A1
- (21) PCT/JP2004/003848
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/396,861 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR ANTIALIASING A REGION OF A TWO-DIMENSIONAL DISTANCE FIELD REPRESENTING AN OBJECT
- PROCEDE ET DISPOSITIF POUR L'ANTICRENELAGE D'UNE REGION DE CHAMP DE DISTANCE BIDIMENSIONNEL REPRESENTANT UN OBJET
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
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(74) **SOGA, Michiharu et al.** / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/AU2004/000375

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901503 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AN IMAGING PROCESS FOR FINANCIAL DATA

• PROCEDE D'IMAGERIE DESTINE A DES DONNEES FINANCIERES

(71) **DATA IMAGING PTY LIMITED** [AU/AU]; A.C.N 098 258 792, 13/44 Boyce Street, Glebe, New South Wales 2037 (AU).
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(74) **DAVIES COLLISON CAVE**; 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/50

(11) WO 2004/086309 (13) A2

(21) PCT/GB2004/001076

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0307095.0 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVEMENTS TO A TILING SYSTEM FOR 3D RENDERED GRAPHICS

• PERFECTIONNEMENTS A UN SYSTEME DE PAVAGE POUR GRAPHIQUES A RENDU TRIDIMENSIONNEL

(71) **IMAGINATION TECHNOLOGIES LIMITED** [GB/GB]; Home Park Estate, Kings Langley, Hertfordshire WD4 8LZ (GB).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086310 (13) A1

(21) PCT/AU2004/000342

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003901625 28 Mar/mar 2003 AU (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMBINING FRONT PROPAGATION WITH SHAPE KNOWLEDGE FOR ACCURATE CURVILINEAR MODELLING

• COMBINAISON DE PROPAGATION AVANT ET DE CONNAISSANCE DE FORME POUR MODELISATION CURVILIGNE PRECISE

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(72, 75) **LI, Rongxin** [CN/AU]; 11/129B Park Road, Dundas, NSW 2117 (AU). **OURSELIN, Sébastien** [FR/AU]; 30 Parkview Road, Fairlight, NSW 2094 (AU).

(74) **SHELSTON IP**; 60 Margaret Street, Sydney NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G07C 1/28

(11) WO 2004/086311 (13) A1

(21) PCT/AU2004/000369

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003901443 28 Mar/mar 2003 AU (28.03.2003)

(30) 2003903393 3 Jul/juil 2003 AU (03.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TIMING DISPLAY

• DISPOSITIF D'AFFICHAGE DE DUREE

(71, 72) **GORMAN, Jeremy, Peter** [AU/AU]; 51 Adelaide Crescent, Albany, Western Australia 6330 (AU). **TILBROOK, John, Vincent** [AU/AU]; 37 Mountain Road, Heathcote Junction, Victoria 3758 (AU).

(74) **LORD, Kelvin, Ernest**; Lord and Company, 4 Douro Place, West Perth, Western Australia 6005 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 9/00

(11) WO 2004/086312 (13) A1

(21) PCT/EP2004/002162

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 13 710.6 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLOSING SYSTEM AND METHOD FOR OPERATING THE SAME

- SYSTEME DE FERMETURE ET PROCEDE POUR FAIRE FONCTIONNER CE DERNIER

(71) **SOMMER ANTRIEBS- UND FUNK-TECHNIK GMBH** [DE/DE]; Hans-Böckler-Str. 21-27, 73230 Kirchheim/Teck (DE).
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(72, 75) **SOMMER, Frank** [DE/DE]; Kirchheimer Strasse 121, 73265 Dettingen/Teck (DE).

(74) **RUCKH, Rainer**; Fabrikstrasse 18, 73277 Owen/Teck (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G07C 9/00

(11) **WO 2004/086313** (13) A2

(21) PCT/FR2004/000685

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) fr (26) fr

(30) 03/03465 **21 Mar/mar 2003 FR (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND INSTALLATION FOR THE IMAGE AUTHENTICATION OF AN OBJECT, USING A PORTABLE STORAGE UNIT

- PROCEDE ET INSTALLATION D'AUTHENTIFICATION PAR L'IMAGE, D'UN OBJET A L'AIDE D'UNE UNITE PORTATIVE DE MEMORISATION

(71) **ECOLE CENTRALE DE LYON** [FR/FR]; 36, avenue Guy de Collongue, B.P. 163, F-69131 Ecully Cedex (FR).

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(72, 75) **CHEN, Liming** [FR/FR]; 45, boulevard des Brotteaux, F-69006 Lyon (FR). **PENG, Kun** [CN/FR]; 6, rue du Docteur Terver, F-69130 Ecully (FR). **LIU, Yanling** [CN/FR]; Appartement 116, Résidence de Staël 2, 5, rue du Boulevard, F-69100 Villeurbanne (FR).

(74) **THIBAUT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean-Jaurès, Boîte postale 7073, F-69301 Lyon Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/00

(11) **WO 2004/086314** (13) A1

(21) PCT/EP2004/050365

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) TO2003A000222 **25 Mar/mar 2003 IT (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR RANDOMLY GENERATING NUMBERS AND/OR CODES

- DISPOSITIF POUR GENERER DE MANIERE ALEATOIRE DES NOMBRES ET/OU DES CODES

(71, 72) **BONFIGLIO, Giuseppe** [IT/IT]; Via Luigi Luzzatti, 2, I-12100 CUNEO (IT).

(74) **JORIO, Paolo** et al. / etc.; STUDIO TORTA S.r.l., Via Viotti, 9, I-10121 TORINO (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07D 7/00, 7/12, H01L 51/50, G09G 3/32

(11) **WO 2004/086315** (13) A1

(21) PCT/EP2004/001623

(22) **19 Feb/fév 2004 (19.02.2004)**

(25) de (26) de

(30) 10314162.6 **28 Mar/mar 2003 DE (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECURITY MARK COMPRISING A LIGHT-EMITTING DIODE

- MARQUE DE SECURITE COMPORTANT UNE DIODE ELECTROLUMINESCENTE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) **BRABEC, Christoph** [AT/DE]; Eichenweg 8, 91054 Erlangen (DE). **WITTMANN, Georg** [DE/DE]; Erlenstr. 10 A, 91074 Herzogenaurach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ G07D 11/30

(11) **WO 2004/086316** (13) A1

(21) PCT/JP1997/003278

(22) **17 Sep/sep 1997 (17.09.1997)**

(25) ja (26) ja

(30) 8-248054 **19 Sep/sep 1996 JP (19.09.1996)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMODITY DELIVER DEVICE OF AUTOMATIC VENDING MACHINE

- DISPOSITIF DE DISTRIBUTION DE MARCHANDISE POUR DISTRIBUTEUR AUTOMATIQUE

(71, 72) **KATAKAI, Kazutoshi** [JP/JP]; c/o Sanden Corporation, 20, Kotobuki-cho, Isesaki-shi, Gunma 372 (JP).

(74) **GOTO, Yosuke** et al. / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105 (JP).

(81) US.

Published / Publiée : (e): 08Aug/août 2000 (08.08.2000), 6098841

(51)⁷ G07F

(11) **WO 2004/086317** (13) A2

(21) PCT/US2004/009423

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/457,427 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HOT FOOD VENDING MACHINE

- DISTRIBUTEUR AUTOMATIQUE D'ALIMENTS CHAUDS

(71) **ABUDANZA, INC.**; P.O.Box 1393, Kailua, HI 96732 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WARD, Glen** [US/US]; 12912 Madrona Leaf Court, Grass Valley, CA 95945 (US).

(74) **LUTHER, Barbara, J.**; Quarles & Brady Streich Lang, LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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) WO 2004/086318 (13) A2

(21) PCT/US2004/009890

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,762 28 Mar/mar 2003 US
(28.03.2003)

(30) 10/622,805 18 Jul/juil 2003 US
(18.07.2003)

(30) 60/502,427 12 Sep/sep 2003 US
(12.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GAMING DEVICE DISPLAY AND
METHODS OF USE

• ÉCRAN D'APPAREIL DE JEU DE HASARD
ET PROCÉDÉ D'UTILISATION

(71) ATLANTIC CITY COIN & SLOT SER-
VICE COMPANY, INC. [US/US]; 201
West Decatur Avenue, Pleasantville, NJ
08232 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SEELIG, Jerald, C. [US/US]; 201 West
Decatur Avenue, Pleasantville, NJ 08232
(US). HENSHAW, Lawrence, M. [US/US];
201 West Decatur Avenue, Pleasantville, NJ
08232 (US).

(74) BURNS, Ian, F.; Ian F. Burns & Associates,
1575 Delucchi Lane, Suite 222, Reno, NV
89502 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 17/32, G07C 15/00, A63F 3/08

(11) WO 2004/086319 (13) A1

(21) PCT/GB2004/001319

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03251918.3 27 Mar/mar 2003 EP
(27.03.2003)

(30) 03257769.4 10 Dec/déc 2003 EP
(10.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GAMING MACHINE

• APPAREIL DE JEUX DE HASARD

(71) ARTHUR EDWARD THOMAS LIM-
ITED [GB/GB]; 26 Millrace Close, Lisvane,
Cardiff, Glamorgan CF14 0UR (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) THOMAS, Arthur, Edward [GB/GB];
26 Millrace Close, Lisvane, Cardiff, Glamor-
gan CF14 0UR (GB).

(74) BURKE, Steven, D. 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 17/32

(11) WO 2004/086320 (13) A1

(21) PCT/US2004/007433

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/401,662 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GAMING UNITS WITH AN EN-
HANCED GROUP BONUS ROUND

• UNITES DE JEU A PARTIE DE BONIFI-
CATION DE GROUPE

(71) IGT [US/US]; 9295 Prototype Drive, Reno,
NV 89521-8986 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FOSTER, William [US/US]; 167 Peav-
ine Rd., Reno, NV 89503 (US). TEDSEN,
Kirk [US/US]; 1005 Backer Way, Reno, NV
98523 (US).

(74) HIRSCH, Martin, J.; Marshall, Gerstein &
Borun LLP, 233 S. Wacker Drive, Suite 6300,
Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ G08B

(11) WO 2004/086321 (13) A2

(21) PCT/US2004/008746

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,971 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NURSE CALL INDICATOR LAMP

• INDICATEUR LUMINEUX D'APPEL
INFIRMIER

(71) SIMPLEXGRINNEL LP [US/US];
100 Simplex Drive, Westminster, MA
01441-0001 (US).
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les États désignés sauf US)

(72) SCHUHMANN, Werner; Hiltensperger
Strasse 34, 80796 Munchen (DE). BRENN-
ER, Andreas; Marchwartweg 27, 85635
Hohenkirchen (DE).

(74) BLUHM, Gerald, M.; 91 Technology Drive,
Westminster, MA 01441-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086322 (13) A1

(21) PCT/US2003/030692

(22) 30 Sep/sep 2003 (30.09.2003)

(25) en (26) en

(30) 10/268,108 9 Oct/oct 2002 US
(09.10.2002)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A TRANSFER FUNCTION SYSTEM
FOR DETERMINING AN IDENTIFIER
ON A SURFACE ACOUSTIC WAVE
IDENTIFICATION TAG AND METHOD
OF OPERATING THE SAME

• SYSTEME DE FONCTION DE TRANS-
FERT POUR LA DETERMINATION
D'UN IDENTIFIANT SUR UNE ETI-
QUETTE D'IDENTIFICATION D'ONDE
ACOUSTIQUE DE SURFACE ET SON
PROCEDE DE FONCTIONNEMENT

(71) RF SAW COMPONENTS, INCORPO-
RATED [US/US]; 900 Alpha Drive, Suite
400, Richardson, TX 75081 (US).

(72) **HARTMANN, Clinton, S.**; 5419 Ridgedale Drive, Dallas, TX 75206 (US). **BELLAMY, John, C.**; 141 Meadowcreek, Coppell, TX 75019 (US).

(74) **HEISZ, Jimmy, L.**; Hitt Gaines & Boisbrun, P.C., P.O. Box 832570, Richardson, TX 75083 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **G08B 15/00, 15/02, 21/02**

(11) **WO 2004/086323** (13) A1

(21) PCT/GB2003/005717

(22) **31 Dec/déc 2003 (31.12.2003)**

(25) en (26) en

(30) 0306886.3 **26 Mar/mar 2003 GB (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PERSONAL SAFETY DEVICE

• DISPOSITIF DE SURETE PERSONNELLE

(71, 72) **WILLIAMS, Janet, Elizabeth** [GB/GB]; 44 Earl Street, Flint, Flintshire CH6 5ER (GB).

(74) **FORRESTER KETLEY & CO**; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/00, 23/00, A61F 11/06**

(11) **WO 2004/086324** (13) A1

(21) PCT/AU2003/000371

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PERSONAL NOISE MONITORING APPARATUS AND METHOD

• PROCEDE ET APPAREIL DE COMMANDE DE BRUIT PERSONNEL

(71) **SOUND SAFETY PTY LTD** [AU/AU]; 1 Fenton Court, MARRARA, N.T. 0812 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **YONOVITZ, Leslie** [AU/AU]; SoundSafety Pty Ltd, 1 Fenton Court, MARRARA, N.T. 0812 (AU). **YONOVITYZ, Albert** [AU/AU]; SoundSafety Pty Ltd, 1 Fenton Court, MARRARA, N.T. 0812 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, 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 **G08B 21/00**

(11) **WO 2004/086325** (13) A2

(21) PCT/FR2004/000761

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) fr (26) fr

(30) 03/03804 **25 Mar/mar 2003 FR (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLEXIBLE MEMBRANE DEVICE FOR MEASURING AT LEAST ONE PHYSIOLOGICAL INFORMATION WITH CORRESPONDING SENSOR MODULE AND METHOD

• DISPOSITIF DE MESURE D'AU MOINS UNE INFORMATION PHYSIOLOGIQUE A MEMBRANE SOUPLE, MODULE CAPTEUR ET PROCEDE DE FABRICATION CORRESPONDANTS

(71) **APHYCARE TECHNOLOGIES** [FR/FR]; 12, rue Fulgence Bienvenüe, F-22300 Lannion (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COSQUER, Philippe** [FR/FR]; Kerjean, Chemin de Saint Uzece, F-22560 Trebeurden (FR). **GUEZOU, Clément** [FR/FR]; 3, rue Turkey de Beauregard, F-22300 Lannion (FR). **DONVAL, Bruno** [FR/FR]; 6, Route de Keryvon, F-22560 Pleumeur-Bodou (FR). **BRUNO, Stéphane** [FR/FR]; 6a, Venelle des trois avocats, F-22300 Lannion (FR).

(74) **L. Bioret**; Cabinet Vidon, 16B, rue de Jouanet, BP 90333, F-35703 Rennes Cédex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/04**

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(21) PCT/DE2004/000378

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) de (26) de

(30) 103 14 135.9 **24 Mar/mar 2003 DE (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WARNING SYSTEM FOR INDIVIDUALS WORKING UNDER HAZARDOUS CONDITIONS

• SYSTEME AVERTISSEUR POUR PERSONNES TRAVAILLANT DANS DES CONDITIONS RISQUEES

(71) **MSA AUER GMBH** [DE/DE]; Thiemannstrasse 1, 12059 Berlin (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOSS, Jürgen** [DE/DE]; Heidenfeldstrasse 9, 10249 Berlin (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, 14129 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G08B 21/08**

(11) **WO 2004/086327** (13) A1

(21) PCT/GB2004/001327

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 0307073.7 **27 Mar/mar 2003 GB (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SWIMMING SAFETY SYSTEM

• SYSTEME DE SECURITE POUR LA NATATION

(71) **QINETIQ LIMITED** [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).

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(72, 75) **TAKEL, Stephen, Ralph** [GB/GB]; QinetiQ Limited, Bincleaves Technology Park, Newtons Road, Weymouth, Dorset DT4 8UR (GB). **ORME, Richard, Douglas** [GB/GB]; QinetiQ Limited, Bincleaves Technology Park, Newtons Road, Weymouth, Dorset DT4 8UR (GB).

(74) **DAVIES, Philip**; QinetiQ Limited, IP 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G08B 25/10, G05B 23/02**

(11) **WO 2004/086328** (13) A1

(21) PCT/JP2003/003573

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HOME SECURITY SYSTEM

• SYSTEME DE SECURITE DOMESTIQUE

(71, 72) **SASAKURA, Toyoki** [JP/JP]; c/o Super Wave Co., Ltd., 2-1-16, Hamamatsu-cho, Minato-ku, Tokyo 105-0013 (JP). **MIYAMOTO, Kenichi** [JP/JP]; c/o Super Wave Co., Ltd., 2-1-16, Hamamatsu-cho, Minato-ku, Tokyo 105-0013 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; HAYASHI, DOI & ASSOCIATES, Toshou-Bldg. No. 3, 3-9-5, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/14, 17/10, C06D 3/00, F42B 4/26**

(11) **WO 2004/086329** (13) A1

(21) PCT/SE2004/000377

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) sv (26) en

(30) 0300779-6 **24 Mar/mar 2003 SE (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR DETERMINING FLOWS OF GASEOUS MEDIA

• DISPOSITIF POUR DETERMINER DES ECOULEMENTS DE MILIEUX GAZEUX

(71) **BJÖRNAX AB** [SE/SE]; Stråssa Företagsby, S-711 77 Stråssa (SE).

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(74) **LAUTMANN, Kurt**; Kurt Lautmanns Patentbyrå AB, Box 245, S-691 25 Karlskoga (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/FR2004/000638

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(25) fr (26) fr

(30) 03/03574 **17 Mar/mar 2003 FR (17.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UNIVERSAL CONTROL INTERFACE

• INTERFACE DE COMMANDE UNIVERSELLE

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G08C 19/00**

(11) **WO 2004/086331** (13) A2

(21) PCT/IB2004/001062

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) en (26) en

(30) 10/397,506 **26 Mar/mar 2003 US (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR POWER MONITORING USING NETWORKED UPS CLIENTS

• APPAREILS, PROCÉDES ET PROGRAMMES POUR LE CONTRÔLE D'ALIMENTATION À L'AIDE DE CLIENTS ASI INTERCONNECTÉS EN RESEAU

(71) **POWERWARE CORPORATION** [US/US]; 3201 Spring Forest Road, Raleigh, NC 27616-2922 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/00, G06F 17/60**

(11) **WO 2004/086332** (13) A1

(21) PCT/JP2004/003128

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) ja (26) ja

(30) 2003/80964 **24 Mar/mar 2003 JP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PROVIDING VEHICLE INFORMATION, SYSTEM FOR PROVIDING VEHICLE INFORMATION, INFORMATION TERMINAL AND CENTER

• PROCÉDE ET SYSTEME DE FOURNITURE D'INFORMATIONS SUR UN VEHICULE, TERMINAL ET CENTRE D'INFORMATIONS

(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

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(72, 75) **MIYAHARA, Shunji** [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) **PROSPEC PATENT FIRM**; 12th Floor, Nagoya-KS Building, 1-18, Taiko 3-chome,

Nakamura-ku, Nagoya-shi, Aichi 453-0801 (JP).			(30) 2003-085805	26 Mar/mar 2003 (26.03.2003)	JP	(30) 2003-085819	26 Mar/mar 2003 (26.03.2003)	JP	
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			(30) 2003-137352	15 May/mai 2003 (15.05.2003)	JP	(30) 2003-179212	24 Jun/juin 2003 (24.06.2003)	JP	
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).			(43) 7 Oct/oct 2004 (07.10.2004)				(43) 7 Oct/oct 2004 (07.10.2004)		
			(54) • MANIKIN AND METHOD OF MANUFACTURING THE SAME				(54) • TRAINING SYSTEM		
			• MANNEQUIN ET PROCEDE DE FABRICATION DUDIT MANNEQUIN				• SYSTEME D'ENTRAINEMENT		
			(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 1008921 (JP). (for all designated States except / pour tous les États désignés sauf US)				(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 1008921 (JP). (for all designated States except / pour tous les États désignés sauf US)		
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(51) ⁷ G08G 5/02									
(11) WO 2004/086333			(13) A1						
(21) PCT/GB2004/001056									
(22) 12 Mar/mar 2004 (12.03.2004)									
(25) en			(26) en						
(30) 0307138.8			27 Mar/mar 2003 (27.03.2003)			GB			
(43) 7 Oct/oct 2004 (07.10.2004)									
(54) • METHOD FOR SEQUENCING LAND-ING AIRCRAFTS									
• METHODE DE SEQUENCAGE POUR L'ATERRISSAGE D'AVIONS									
(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB). (for all designated States except / pour tous les États désignés sauf US)									
(72, 75) SAFFRE, Fbrice, Tristan, Pierre [BE/GB]; 24 Wilkes Court, Hartree Way, Kesgrave, Ipswich, Suffolk IP5 2EQ (GB).									
(74) NASH, Roger, William; BT Group Legal, Intellectual Property Department, PP: C5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).									
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).			
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(51) ⁷ G09B 19/24, 23/34, A61B 19/00			(51) ⁷ G09B 19/24, 23/28, A61B 19/00						
(11) WO 2004/086334			(13) A1			(11) WO 2004/086335			
(21) PCT/JP2004/004263						(21) PCT/JP2004/004299			
(22) 26 Mar/mar 2004 (26.03.2004)						(22) 26 Mar/mar 2004 (26.03.2004)			
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(21) PCT/EP2004/050390						(21) PCT/EP2004/050390			
(22) 29 Mar/mar 2004 (29.03.2004)						(22) 29 Mar/mar 2004 (29.03.2004)			
(25) fr			(26) fr			(25) fr			
(30) 0304117			28 Mar/mar 2003 (28.03.2003)			(30) 0304117			

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ADVERTISING DISPLAY PANEL WITH THE DIFFUSION OF SCENTS
• PANNEAU D'AFFICHAGE PUBLICITAIRE AVEC DIFFUSION D'ODEURS

(71) PROLITEC S.A. [FR/FR]; 1 rue René Lacoste, F-34470 Perols (FR).
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(74) RAVINA, Bernard; B.P 77, 8 Rue des Briquetiers, F-31703 Blagnac (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 10/393,330 20 Mar/mar 2003 US
(20.03.2003)

(30) 10/665,540 18 Sep/sep 2003 US
(18.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • IMPROVED ADVERTISING COMPLIANCE MONITORING SYSTEM
• SYSTEME AMELIORE DE SURVEILLANCE DU RESPECT D'UN PROGRAMME PUBLICITAIRE

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(72) OVERHULTZ, Gary, L.; 715 Forest Avenue, River Forest, IL 60305 (US). HARDMAN, Gordon, E.; 3994 Promotory Court, Boulder, CO 80304 (US). PYNE, John, W.; 1854 Bell Drive, Erie, CO 80516 (US). MEAD, Robert, W.; 2020 Lincoln Park West, Unit 2M, Chicago IL 60602 (US).

(74) SANDLER, Ronald, A. et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker, Chicago, IL 60601-1692 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086338 (13) A2

(21) PCT/US2004/008697

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,115 21 Mar/mar 2003 US
(21.03.2003)

(30) 60/460,353 3 Apr/avr 2003 US
(03.04.2003)

(30) 10/438,923 16 May/mai 2003 US
(16.05.2003)

(30) 10/682,435 10 Oct/oct 2003 US
(10.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • FLEXIBLE ELECTRONIC DISPLAY AND WIRELESS COMMUNICATION SYSTEM
• DISPOSITIF D'AFFICHAGE ELECTRONIQUE FLEXIBLE ET SYSTEME DE COMMUNICATION SANS FIL

(71) INTELLIMATS, LLC [US/US]; 2840 Her-shberger Road, Suite A, Roanoke, VA 24017 (US).
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(72, 75) KOKONASKI, William [US/US]; 1807 44th Court, N.W., Gig Harbour, WA 98335 (US). BLUM, Ronald, D. [US/US]; 5320 Silver Fox Road, Roanoke, VA 24017 (US). DUSTON, Dwight, P. [US/US]; 59 Fairlane, Laguna Niguel, CA 92677 (US).

(74) CURRY, William, E. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/20, 3/36

(11) WO 2004/086339 (13) A1

(21) PCT/IB2004/000857

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 0307034.9 27 Mar/mar 2003 GB
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ACTIVE MATRIX DISPLAYS AND DRIVE CONTROL METHODS

- AFFICHAGES A MATRICE ACTIVE ET PROCEDES DE COMMANDE D'ENTRAINEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) EDWARDS, Martin, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/28, 3/20, H01J 11/00, 11/02

(11) WO 2004/086340 (13) A1

(21) PCT/JP2004/003946

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080302 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DRIVE METHOD FOR PLASMA DISPLAY PANEL
• PROCEDE D'ACTIVATION D'UN ECRAN PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TACHIBANA, Hiroyuki WAKABAYASHI, Toshikazu KIGO, Shigeo NAGAO, Nobuaki OGAWA, Kenji

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd. 1006,

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/28, 3/20, H01J 11/00, 11/02

(11) WO 2004/086341 (13) A1

(21) PCT/JP2004/003950

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080301 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRIVE METHOD FOR PLASMA DISPLAY PANEL

• PROCÉDE DE COMMANDE D'ÉCRAN À PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TACHIBANA, Hiroyuki KOSUGI, Naoki NAGAO, Nobuaki MURAI, Ryuichi

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/28, 3/20, H01J 11/00, 11/02

(11) WO 2004/086342 (13) A1

(21) PCT/JP2004/003959

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080303 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLASMA DISPLAY PANEL DRIVE METHOD

• PROCÉDE DE COMMANDE D'ÉCRAN À PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(71) TACHIBANA, Hiroyuki *(only for / seulement pour US)*

(72, 75) KOSUGI, Naoki WAKABAYASHI, Toshikazu MUTO, Yasuaki

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/30, H05B 33/14

(11) WO 2004/086343 (13) A1

(21) PCT/JP2004/003546

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-086500 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-139560 16 May/mai 2003 JP (16.05.2003)

(30) 2003-174134 18 Jun/juin 2003 JP (18.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE SUBSTRATE AND LIGHT-EMITTING DEVICE

• SUBSTRAT POUR DISPOSITIF ET DISPOSITIF ELECTROLUMINESCENT

(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD. [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) OSAME, Mitsuaki [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). ANZAI, Aya [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). YAMAZAKI, Yu [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP). FUKUMOTO, Ryota [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase, Atsugi-shi, Kanagawa 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/30, 3/20, H05B 33/14

(11) WO 2004/086344 (13) A1

(21) PCT/JP2004/003547

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-086570 26 Mar/mar 2003 JP (26.03.2003)

(30) 2003-275723 17 Jul/juil 2003 JP (17.07.2003)

(30) 2003-423580 19 Dec/déc 2003 JP (19.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPLAY DEVICE AND DRIVE METHOD THEREOF

• DISPOSITIF D'AFFICHAGE ET PROCÉDE DE COMMANDE

(71) SEMICONDUCTOR ENERGY LABORATORY CO. LTD. [JP/JP]; 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) OSAME, Mitsuaki [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). ANZAI, Aya [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). IWABUCHI, Tomoyuki [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). EBINE, Hideyuki [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/30, 3/20, H05B 33/14

(11) WO 2004/086345 (13) A1

(21) PCT/JP2004/004363

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-088216 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISPLAY IRREGULARITY CORRECTION METHOD

• PROCEDE DE CORRECTION D'IRREGULARITES A L'ECRAN

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).
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(72, 75) KINOSHITA, Atsushi [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). TANASE, Susumu [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). MORI, Yukio [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). YAMASHITA, Atsuhiko [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). INOUE, Masutaka [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). KINOSHITA, Shigeo [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanhondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(74) KAYAMA, Hideyuki; Shin-Osaka Maru Bldg., Annex, 9th Floor, 18-27, Higashinakajima 1-chome, Higashiyodogawa-ku, Osaka City, Osaka 533-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/32, 3/20

(11) WO 2004/086346 (13) A1

(21) PCT/EP2004/001546

(22) 18 Feb/fév 2004 (18.02.2004)

(25) de (26) de

(30) 103 14 166.9 **28 Mar/mar 2003** DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SCREENSAVER FOR ORGANIC DISPLAYS

• ECONOMISEUR POUR AFFICHEURS ORGANIQUES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) BRABEC, Christoph [AT/DE]; Eichenweg 8, 91054 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/32

(11) WO 2004/086347 (13) A2

(21) PCT/JP2004/004041

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003-82465 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A DRIVE DEVICE AND A DISPLAY DEVICE

• DISPOSITIF DE COMMANDE ET DISPOSITIF D'AFFICHAGE

(71) CASIO COMPUTER CO., LTD. [JP/JP]; 6-2, Honmachi 1-chome, Shibuya-ku, Tokyo 151-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRASAKI, Tomoyuki [JP/JP]; 1425-3-234, Sakuragaoka 1-chome, Higashiyamato-shi, Tokyo 207-0022 (JP). TAKEI, Manabu [JP/JP]; 2-20-5-B202, Hikarigaoka, Sagamihara-shi, Kanagawa 229-0027 (JP).

(74) KASHIMA, Hidemi; 5-4-18, Ozenji Nishi, Asao-ku, Kawasaki-shi, Kanagawa 215-0017 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G09G 3/34

(11) WO 2004/086348 (13) A1

(21) PCT/JP2004/004042

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003-083716 **25 Mar/mar 2003** JP
(25.03.2003)

(30) 2003-164079 **9 Jun/juin 2003** JP
(09.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DRIVING METHOD OF DISPLAY APPARATUS IN WHICH A HANDWRITING CAN BE OVERWEITTEN ON THE DISPLAYED IMAGE

• PROCEDE DE COMMANDE D'APPAREIL D'AFFICHAGE DANS LEQUEL UNE ECRITURE MANUSCRITE PEUT ECRASER L'IMAGE AFFICHEE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 (JP).
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(72, 75) YOSHINAGA, Hideki [JP/JP]; 4362-23, Izumicho, Izumi-ku, Yokohama-shi, Kanagawa 245-0016 (JP). MORI, Hideo [JP/JP]; 3-16-41, Gumizawa, Totsuka-ku, Yokohama-shi, Kanagawa 245-0061 (JP). GODEN, Tatsuhito [JP/JP]; 5-8-7-C102, Katahira, Asao-ku, Kawasaki-shi, Kanagawa 215-0023 (JP). SHIKINA, Noriyuki [JP/JP]; 2-2-11-B201, Hashido, Seya-ku, Yokohama-shi, Kanagawa 246-0037 (JP).

(74) YAMADA, Ryuichi; Toko International Patent Office, Hasegawa Building 4F, 7-7, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086349 (13) A1

(21) PCT/JP2004/003983

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-085260 **26 Mar/mar 2003** JP
(26.03.2003)

(30) 2003-392917 **21 Nov/nov 2003** JP
(21.11.2003)

- (30) 2004-079235 **18 Mar/mar 2004 JP**
(18.03.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LIQUID CRYSTAL TELEVISION RECEIVER, LIQUID CRYSTAL DISPLAY CONTROL METHOD, PROGRAM THEREOF, AND RECORDING MEDIUM
- TELEVISEUR A CRISTAUX LIQUIDES, PROCEDE DE COMMANDE DE TELEVISEUR A CRISTAUX LIQUIDES, PROGRAMME CORRESPONDANT ET SUPPORT D'ENREGISTREMENT
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaiki-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJINE, Toshiyuki OSADA, Toshiko KIKUCHI, Yuji OSHII, Takashi
- (74) HARA, Kenzo et al. / etc.; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
- (11) WO 2004/086350 (13) A1
- (21) PCT/KR2004/000406
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 10/395,663 **24 Mar/mar 2003 US**
(24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR CONVERTING GRADATION DATA IN STN LCD
- PROCEDE ET DISPOSITIF POUR CONVERTIR DES DONNEES DE GRADATION DANS UN ECRAN A CRISTAUX LIQUIDES NEMATIQUES SUPERTORSADES (STN-LCD)
- (71) HYVIX CO., LTD. [KR/KR]; Suite 610, Kiti 6f, Suwon Univ, San2-2, Wawoo-ri, Bongdam-eup, Hwasong-si, Gyeonggi-do, 445-743 (KR).
- (72) LEE, Jong Sik; Suite 201, 14-101, Yokchon-dong, Eunpyung-gu, Seoul, 122-070 (KR). KIM, Hong Kil; B-305, Hanyoung Town, 1-141, Sugi-ri, Bongdam-eup, Hwasong-si, Gyeonggi-do, 445-894 (KR).
- (74) KIM, Yoo; Sarang International Patent & Law Office 2-201 Taewon-building 746-15,

- Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/06
- (11) WO 2004/086351 (13) A1
- (21) PCT/GB2004/001302
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 10/402,110 **27 Mar/mar 2003 US**
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR DYNAMICALLY SIZING COLOUR TABLES
- PROCEDE ET APPAREIL DE DIMENSIONNEMENT DYNAMIQUE DE TABLES DE COULEURS
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) MARION, Neal, Richard [US/US]; 406 Thunderbay Drive, Georgetown, Texas 78626 (US). RAMSAY III, George [US/US]; 2617 Goldfinch, Cedar Park, Texas 78613 (US). TESAURIO, James, Stanley [US/US]; 12207 Klondike Rush Point, Austin, Texas 78726 (US).
- (74) WALDNER, Philip; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G09G 5/22, G06T 11/00, 5/10
- (11) WO 2004/086352 (13) A1
- (21) PCT/JP2004/003846
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 10/396,673 **25 Mar/mar 2003 US**
(25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR DETERMINING AN ANTIALIASED INTENSITY OF A COMPONENT OF A PIXEL FROM A TWO-DIMENSIONAL ADAPTIVELY DISTANCE FIELD
- PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UNE INTENSITE SOUS ANTICRENELAGE POUR UNE COMPOSANTE DE PIXEL, A PARTIR D'UN CHAMP DE DISTANCE BIDIMENSIONNEL ADAPTATIF
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PERRY, Ronald, N. [US/US]; 28 Maple Ave. #1, Cambridge, MA 02139 (US). FRISKEN, Sarah, F. [CA/US]; 28 Maple Ave. #1, Cambridge, Massachusetts, Cambridge, MA 02139 (US).
- (74) SOGA, Michiharu et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G10H 1/06, 5/00, 1/02
- (11) WO 2004/086353 (13) A1
- (21) PCT/IT2004/000153
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) it (26) en
- (30) MC2003 A **28 Mar/mar 2003 IT**
000032 (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND ELECTRONIC DEVICE USED TO SYNTHESISE THE SOUND OF CHURCH ORGAN FLUE PIPES, BY TAKING ADVANTAGE OF THE PHYSICAL MODELLING TECHNIQUE OF ACOUSTIC INSTRUMENTS
- PROCEDE ET DISPOSITIF ELECTRONIQUE QUE L'ON UTILISE POUR

REPRODUIRE LE SON DE TUYAUX
A BOUCHE D'UN ORGUE DANS
UNE EGLISE GRACE A LA TECH-
NIQUE DE MODELAGE PHYSIQUE
D'INSTRUMENTS ACOUSTIQUES

(71) **VISCOUNT INTERNATIONAL S.P.A.**
[IT/IT]; 68/70, Via Borgo, I-47836 Mondaino
(IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **ZINATO, Carlo** [IT/IT]; Via San Anto-
nio Martire, 28, I-60020 Polverigi (IT).

(74) **BALDI, Claudio**; Viale Cavalotti, 13,
I-60035 Jesi (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **G10K 11/16**

(11) **WO 2004/086354** (13) A1

(21) PCT/JP2004/003902

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-084707 **26 Mar/mar 2003** JP
(26.03.2003)

(30) 2003-368563 **29 Oct/oct 2003** JP
(29.10.2003)

(30) 2004-009569 **16 Jan/jan 2004** JP
(16.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **ULTRALIGHT SOUNDPROOF MATE-
RIAL**

• **MATERIAU INSONORISANT ULTRA-
LEGER**

(71) **TAKEHIRO CO. LTD.** [JP/JP]; 4-14, Ki-
taohgi, Izumi-cho, Anjyo-shi, Aichi, 4441296
(JP). **TOYODA BOSHOKU CORPORA-
TION** [JP/JP]; 1-banchi, 1-chome, Toy-
oda-cho, Kariya-shi, Aichi, 4488651 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **INOUE, Toru** [JP/JP]; C/O TAKEHIRO
CO., LTD. 4-14, Kitaohgi, Izumi-cho, An-
jyo-shi, Aichi, 4441296 (JP). **ISHIKAWA,
Masaki** [JP/JP]; C/O TAKEHIRO CO., LTD.
4-14, Kitaohgi, Izumi-cho, Anjyo-shi, Aichi,
4441296 (JP). **ISHIKAWA, Youhei** [JP/JP];
C/O TAKEHIRO CO., LTD. 4-14, Kitaoh-
gi, Izumi-cho, Anjyo-shi, Aichi, 4441296
(JP). **MATSUYAMA, Sohei** [JP/JP]; C/O
TOYODA BOSHOKU CORPORATION
1-banchi, 1-chome, Toyoda-cho, Kariya-shi,
Aichi, 4488651 (JP). **MORI, Hideyuki**
[JP/JP]; C/O TOYODA BOSHOKU COR-
PORATION 1-banchi, 1-chome, Toyoda-cho,
Kariya-shi, Aichi, 4488651 (JP).

(74) **OZAKI, Takahiro**; Ozaki Patent Firm
11-14, Chuohommachi, Gamagori-shi, Aichi,
443-0057 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ **G10K 15/02, H04N 7/173, G06F 13/00**

(11) **WO 2004/086355** (13) A1

(21) PCT/JP2004/003580

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) ja (26) ja

(30) 2003-088009 **27 Mar/mar 2003** JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **INFORMATION PROCESSING DE-
VICE, INFORMATION PROCESSING
METHOD, AND COMPUTER PRO-
GRAM**

• **DISPOSITIF DE TRAITEMENT
D'INFORMATIONS, PROCEDE DE
TRAITEMENT D'INFORMATIONS, ET
PROGRAMME D'ORDINATEUR**

(71) **SONY CORPORATION** [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
1410001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KIKKAWA, Norifumi** [JP/JP]; c/o
Sony Corporation, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 1410001
(JP). **HONDA, Yasuaki** [JP/JP]; c/o
Sony Corporation, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 1410001
(JP). **SAKOH, Noriyuki** [JP/JP]; c/o Sony
Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 1410001 (JP).

(74) **MIYATA, Masaaki et al.** / etc.; Sawada,
Miyata & Yamada Patent Office, Ginza TK
Bldg., 1-7, Shintomi 1-chome, Chuo-ku,
Tokyo 1040041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 **G10K 15/02, G06F 12/00**

(11) **WO 2004/086356** (13) A1

(21) PCT/JP2004/003770

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) ja (26) ja

(30) 2003-084245 **26 Mar/mar 2003** JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **MUSIC COMPOSITION DATA TRANS-
MISSION RECORDING METHOD AND
MUSIC COMPOSITION REPRODUC-
TION DEVICE**

• **PROCEDE D'ENREGISTREMENT ET
DE TRANSMISSION DE DONNEES
DE COMPOSITION MUSICALE ET
DISPOSITIF DE REPRODUCTION DE
COMPOSITION MUSICALE**

(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) **SAKUMA, Kazushi** [JP/JP] **KIMURA,
Hideko** [JP/JP]

(74) **NAKAMURA, Tomoyuki**; c/o Miyoshi
International Patent Office, 9th Floor, Tora-
nomon 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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**

(11) **WO 2004/086357** (13) A2

(21) PCT/US2004/008612

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/395,492 **24 Mar/mar 2003** US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SYSTEM AND METHOD FOR SPEECH RECOGNITION UTILIZING A MERGED DICTIONARY

- SYSTEME ET PROCEDE DE RECONNAISSANCE VOCALE UTILISANT UN DICTIONNAIRE FUSIONNE

- (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72) EMONTS, Michael; 243 Buena Vista Avenue, #904, Sunnyvale, CA 94086 (US). MENENDEZ-PIDAL, Xavier; 1975 Las Encinas Court, Los Gatos, CA 95032 (US). OLORENSHAW, Lex; 375 Troon Way, Half Moon Bay, CA 94019 (US).

- (74) KOERNER, Gregory, J. et al. / etc.; Simon & Koerner LLP, 10052 Pasadena Avenue, Suite B, Cupertino, CA 95014 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/02, H03G 3/32

- (11) WO 2004/086358 (13) A1

- (21) PCT/GB2004/001269

- (22) 24 Mar/mar 2004 (24.03.2004)

- (25) en (26) en

- (30) 10/396,037 25 Mar/mar 2003 US (25.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • COMPENSATING FOR AMBIENT NOISE LEVELS IN TEXT-TO-SPEECH APPLICATIONS

- COMPENSATION DES NIVEAUX DE BRUIT AMBIANT DANS DES APPLICATIONS DE SYNTHÈSE DE LA PAROLE À PARTIR DE TEXTE

- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB). *(only for / seulement pour MG)*

- (72, 75) FADO, Francis [US/US]; 1105 Bel Air Drive, Apt. A, Highland Beach, Florida 33487 (US). GUASTI, Peter, John [US/US]; 853 N.W. 108th Lane, Coral Springs, Florida 33071 (US).

- (74) WALDNER, Philip; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G10L 15/00

- (11) WO 2004/086359 (13) A2

- (21) PCT/IB2004/050297

- (22) 22 Mar/mar 2004 (22.03.2004)

- (25) en (26) en

- (30) 03100782.6 26 Mar/mar 2003 EP (26.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SYSTEM FOR SPEECH RECOGNITION
• SYSTEME DE RECONNAISSANCE DE LA PAROLE

- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, D-20099 Hamburg (DE). *(only for / seulement pour DE)*

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). *(for all designated States except / pour tous les États désignés sauf DE US)*

- (72, 75) BARTOSIK, Heinrich [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). MEYER, Carsten [DE/DE]; c/o Triester Strasse 64, A-1101 Vienna (AT).

- (74) RÖGGLA, Harald; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/22

- (11) WO 2004/086360 (13) A1

- (21) PCT/EP2004/002137

- (22) 3 Mar/mar 2004 (03.03.2004)

- (25) de (26) de

- (30) 103 13 310.0 25 Mar/mar 2003 DE (25.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SPEAKER-DEPENDENT VOICE RECOGNITION METHOD AND VOICE RECOGNITION SYSTEM

- PROCEDE DE RECONNAISSANCE VOCALE DEPENDANT DU LOCUTEUR ET SYSTEME DE RECONNAISSANCE VOCALE

- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) AUBAUER, Roland [AT/DE]; Wageneggerstrasse 5, 81669 München (DE).

- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/02

- (11) WO 2004/086361 (13) A1

- (21) PCT/AU2004/000390

- (22) 29 Mar/mar 2004 (29.03.2004)

- (25) en (26) en

- (30) 2003901539 28 Mar/mar 2003 AU (28.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NOISE FLOOR ESTIMATOR

- DISPOSITIF SERVANT À ÉVALUER UN BRUIT DE FOND

- (71) COCHLEAR LIMITED [AU/AU]; 14 Mars Road, Lane Cove, New South Wales 2066 (AU).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HATZIANESTIS, Konstadinos [AU/AU]; Cochlear Limited, 14 Mars Road, Lane Cove, New South Wales 2066 (AU). MOGHE, Yashodhan [AU/AU]; Cochlear Limited, 14 Mars Road, Lane Cove, New South Wales 2066 (AU).

- (74) FB RICE & CO; 139-141 Rathdowne St, Carlton, Victoria 3053 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/04

(11) WO 2004/086362 (13) A1

(21) PCT/JP2004/004306

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-084479 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SPEECH SIGNAL COMPRESSION
DEVICE, SPEECH SIGNAL COMPRES-
SION METHOD, AND PROGRAM
- DISPOSITIF DE COMPRESSION DE
SIGNAL DE PAROLE, PROCEDE DE
COMPRESSION DE SIGNAL DE PA-
ROLE, ET PROGRAMME

(71) KABUSHIKI KAISHA KENWOOD
[JP/JP]; 2967-3, Ishikawa-cho, Hachioji-shi,
Tokyo, 1928525 (JP). NATIONAL INSTI-
TUTE OF ADVANCED INDUSTRIAL
SCIENCE AND TECHNOLOGY [JP/JP];
3-1, Kasumigaseki 1-chome, Chiyoda-ku,
Tokyo, 1000013 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SATO, Yasushi [JP/JP]; Rouyarakoupo
Watanabe 401, 4-16-18, Minaminagareyama,
Nagareyama-shi, Chiba 2700163 (JP). KO-
JIMA, Hiroaki [JP/JP]; c/o National Institute
of Advanced Industrial Science and Techno-
logy, Tsukuba Central 2 1-1, Umezono
1-chome, Tsukuba-shi, Ibaraki, 3058568 (JP).
TANAKA, Kazuyo [JP/JP]; c/o National In-
stitute of Advanced Industrial Science and
Technology, Tsukuba Central 2 1-1, Umezono
1-chome, Tsukuba-shi, Ibaraki, 3058568 (JP).

(74) OKABE, Masao et al. / etc.; No. 602,
Fuji Bldg. 2-3, Marunouchi 3-chome, Chiyo-
da-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B

(11) WO 2004/086363 (13) A2

(21) PCT/IL2004/000272

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,690 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA STORAGE DEVICE WITH FULL
ACCESS BY ALL USERS

- DISPOSITIF DE STOCKAGE DE DON-
NEES PRESENTANT UN ACCES COM-
PLET POUR TOUS LES UTILISA-
TEURS

(71) M-SYSTEMS FLASH DISK PIONEERS
LTD. [IL/IL]; Central Park 2000, 7 Atir Yeda
St., Kfar Saba, 44425 (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PALEY, Sasha [IL/IL]; Hacarmel 83/16,
Kfar Saba, 44231 (IL). BOVSHOVER, Arik
[IL/IL]; Borohov 14/12, Raanana, 43433 (IL).
BYCHKOV, Eyal [IL/IL]; Shalom Aleichem
13, Hof Hasharon, 45100 (IL). ZIV, Aran
[IL/IL]; Rambam 14, Herzelia, 46401 (IL).

(74) FRIEDMAN, Mark M.; 7 Haomanim
Street, Tel Aviv, 67897 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B

(11) WO 2004/086364 (13) A2

(21) PCT/US2004/006658

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/393,778 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR
MANAGING STORAGE UNIT RENTAL
INFORMATION

- PROCEDE ET APPAREIL PERMET-
TANT DE GERER DES INFORMA-
TIONS CONCERNANT LA LOCATION
D'UNITES DE STOCKAGE

(71) GENERAL ELECTRIC CAPITAL COR-
PORATION [US/US]; 260 Long Ridge
Road, Stamford, CT 06927 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BROWN, Buck [US/US]; 175 Toyota
Plaza, Suite 700, Memphis, TN 38103 (US).
KENNEY, Mike [US/US]; 459 North Gilbert
Road, Gilbert, AZ 85234 (US). KEATON,
Joel [US/US]; 91A Concord Road, Suite
6B, Aston, PA 19014 (US). HAUGH,
Michael [US/US]; 4503 Fair Meadows
Road, Memphis, TN 38117 (US). ROGERS,
Phil [US/US]; 800 West Powell Road, Col-
lierville, TN 38017 (US). SCHRIMSHER,
David, N. [US/US]; 2408 Dunmore Court,
Frederick, MD 21702 (US). WILSON, Don
[US/FR]; 30, Ave. Du Pres. Wilson, F-75116
Paris (FR).

(74) HAYDEN, Scott et al. / etc.; General Elec-
tric Company, 3135 Easton Turnpike (W3C),
Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B

(11) WO 2004/086365 (13) A2

(21) PCT/US2004/008804

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/395,014 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA PROCESSING SYSTEM ARCHI-
TECTURE

- ARCHITECTURE DE SYSTEME IN-
FORMATIQUE

(71) AMERICAN VIDEO ELECTRONICS,
INC. [US/US]; 4765 Oakland Street, Denver,
CO 80239 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) LEE, Thomas [US/US]; 17864 Caspian
Place, Aurora, CO 80013 (US).

(74) FREUND, Samuel, M. et al. / etc.; Cochran
Freund & Young LLC, 3555 Stanford Road,
Suite 230, Fort Collins, Colorado 80525 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 all designations / pour toutes les
désignations

(51)⁷ G11B

(11) WO 2004/086366 (13) A2

(21) PCT/US2004/008868

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/395,571 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PORTABLE ENTERTAINMENT SYS-
TEM
• SYSTEME DE DIVERTISSEMENT
PORTABLE

(71, 72) LOPEZ, Patrick [US/US]; 3012 Dia-
mond Head Road, Honolulu, HI 96821 (US).

(74) SIMPSON, Jan, K.; 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B

(11) WO 2004/086367 (13) A2

(21) PCT/US2004/008891

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,230 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR AGGRE-
GATING COMMERCIAL NAVIGATION
INFORMATION
• SYSTEME ET PROCEDE
D'AGREGATION DE DONNEES
COMMERCIALES D'EXPLORATION

(71) DIGITAL NETWORKS NORTH AMER-
ICA, INC. [US/US]; 2600 San Tomas Ex-
pressway, Santa Clara, CA 95051-0953 (US).

(72) DOW, Christopher; 742 Loma Verde Ave-
nue, Palo Alto, CA 94303 (US). PIGNON,
Philippe; 3927 Ventura Court, Palo Alto, CA
94306 (US).

(74) SULLIVAN, Sean, M.; McDonnell Boehnen
Hulbert & Berghoff, 300 South Wacker Drive,
Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/024, 7/0055

(11) WO 2004/086368 (13) A1

(21) PCT/JP2003/003523

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STORAGE DEVICE AND STORAGE
MEDIUM DESTRUCTING PROGRAM

• DISPOSITIF DE STOCKAGE ET PRO-
GRAMME DE DESTRUCTION DE SUP-
PORT DE STOCKAGE

(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) HAGA, Keiko [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.; Acropolis
21 Building 6th floor, 4-10, Higashi Nihon-
bashi 3-chome, Chuo-ku, Tokyo 103-0004
(JP).

(81) JP US.

(51)⁷ G11B 7/00

(11) WO 2004/086369 (13) A2

(21) PCT/IB2004/050220

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03100753.7 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTILAYER OPTICAL DISC HAV-
ING WOBBLE PITS
• MULTILAYER OPTICAL DISC HA-
VING WOBBLE PITS

(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) SPRUIT, Johannes, H., M. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL).

(74) UITTENBOOGAARD, Frank; Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ CA MD CN CO
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B 7/00

(11) WO 2004/086370 (13) A2

(21) PCT/JP2004/003591

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 2003-081467 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECORDING APPARATUS AND CON-
TENT PROTECTION SYSTEM
• APPAREIL D'ENREGISTREMENT
ET SYSTEME DE PROTECTION DE
CONTENU

(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) NAKANO, Toshihisa FUTA, Yui-
chi OHMORI, Motoji HARADA, Shunji

(74) NII, Hiromori; c/o NII Patent Firm,
3rd Floor, Shin-Osaka Suehiro Center
Bldg., 11-26, Nishinakajima 3-chome, Yo-
dogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/004

(11) WO 2004/086371 (13) A1

(21) PCT/KR2004/000289

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en
(30) 10-2003-0018416 **25 Mar/mar 2003** KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF DATA STREAMS RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES

• SUPPORT D'ENREGISTREMENT D'UNE STRUCTURE DE DONNEES PERMETTANT DE GERER LA REPRODUCTION DE FLUX DE DONNEES ENREGISTRES SUR CE SUPPORT ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEO, Kang Soo [KR/KR]; 606-503, Chowon Hanyang Apt., 897-5, Pyounggan-dong, Dongan-gu, Anyang, Kyunggi-do 431-075 (KR). KIM, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do 463-010 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/125

(11) WO 2004/086372 (13) A1

(21) PCT/JP2004/003403

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-083368 **25 Mar/mar 2003** JP
(25.03.2003)

(30) 2004-002339 **7 Jan/jan 2004** JP
(07.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INFORMATION RECORDING DEVICE, OPTICAL INFORMATION RECORDING MEDIUM, OPTICAL INFORMATION RECORDING METHOD, PROGRAM, AND COMPUTER-READABLE INFORMATION STORAGE MEDIUM

• DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS OPTIQUE, SUPPORT D'INFORMATION D'ENREGISTREMENT OPTIQUE, PROCEDE D'ENREGISTREMENT

D'INFORMATIONS OPTIQUES, PROGRAMME, ET SUPPORT D'INFORMATIONS LISIBLES PAR ORDINATEUR

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATABE, Teruyasu [JP/JP]; 19-6-504, Nisshincho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2100024 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/007, 20/10, 20/12

(11) WO 2004/086373 (13) A1

(21) PCT/JP2004/003428

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-080495 **24 Mar/mar 2003** JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION RECORDING METHOD, INFORMATION RECORDING DEVICE, INFORMATION RECORDING PROGRAM, AND STORAGE MEDIUM

• PROCEDE, DISPOSITIF ET PROGRAMME D'ENREGISTREMENT D'INFORMATIONS, ET SUPPORT DE STOCKAGE

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Yoshiyuki [JP/JP]; 460-307, Nougayamachi, Machida-shi, Tokyo, 1950053 (JP).

(74) ITOH, Tadahiko; Yebisu Garden Place Tower, 32nd Floor, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/007, 20/10, 20/12

(11) WO 2004/086374 (13) A1

(21) PCT/JP2004/003429

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-083320 **25 Mar/mar 2003** JP
(25.03.2003)

(30) 2003-336920 **29 Sep/sep 2003** JP
(29.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION PROCESSING DEVICE, INFORMATION RECORDING DEVICE, INFORMATION PROCESSING SYSTEM, INFORMATION RECORDING METHOD, INFORMATION RECORDING PROGRAM, AND STORAGE MEDIUM

• DISPOSITIF ET SYSTEME DE TRAITEMENT DE L'INFORMATION, DISPOSITIF, SYSTEME ET PROGRAMME D'ENREGISTREMENT DE L'INFORMATION ; SUPPORT DE STOCKAGE,

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Yoshiyuki [JP/JP]; 460-307, Nougayamachi, Machida-shi, Tokyo, 1950053 (JP).

(74) ITOH, Tadahiko; Yebisu Garden Place Tower, 32nd Floor, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/007, 7/125, 7/24

(11) WO 2004/086375 (13) A1

(21) PCT/JP2004/003713

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-079940 **24 Mar/mar 2003** JP
(24.03.2003)

(30) 2004-021902 **29 Jan/jan 2004** JP
(29.01.2004)

(30) 2004-035679 **12 Feb/fév 2004** JP
(12.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL RECORDING MEDIUM, RECORDING/REPRODUCING METHOD, AND RECORDING/REPRODUCING APPARATUS

• SUPPORT D'ENREGISTREMENT OPTIQUE, PROCÉDE D'ENREGISTREMENT/REPRODUCTION ET APPAREIL D'ENREGISTREMENT/REPRODUCTION

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOGUCHI, Soh [JP/JP]; Heights Eye 101, 2-20-9, Watarida, Kawasaki-ku Kawasaki-shi, Kanagawa, 2100837 (JP). SATO, Tsutomu [JP/JP]; Queen Heights Okurayama 112, 644, Morooka-cho, Kohoku-ku, Yokohama-shi, Kanagawa, 2220002 (JP). TOMURA, Tatsuya [JP/JP]; 1-22-13-406, Honisshiki, Edogawa-ku, Tokyo, 1330044 (JP). UENO, Yasunobu [JP/JP]; Crescent Yokohama Nakamachidai 209, 1-5-1, Nakamachidai, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2240041 (JP).

(74) HIROTA, Koichi; HIROTA, NAGARE & ASSOCIATES, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo, 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/125, 7/24

(11) WO 2004/086376 (13) A1

(21) PCT/JP2004/003909

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083642 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INFORMATION RECORDING DEVICE, INFORMATION PROCESSING DEVICE, OPTICAL INFORMATION RECORDING MEDIUM, OPTICAL INFORMATION RECORDING METHOD, PROGRAM, AND RECORDING MEDIUM

• DISPOSITIF D'INFORMATIONS OPTIQUE, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, SUPPORT D'ENREGISTREMENT D'INFORMATIONS OPTIQUE, PROCÉDE D'ENREGISTREMENT D'INFORMATIONS OPTIQUE, PROGRAMME ET SUPPORT D'INFORMATIONS

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATABE, Teruyasu [JP/JP]; 19-6-504, Nissincho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2100024 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/125

(11) WO 2004/086377 (13) A1

(21) PCT/JP2004/003912

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083347 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CONTROLLING TRIAL WRITE ONTO OPTICAL RECORDING MEDIUM

• PROCÉDE POUR COMMANDE DES ESSAIS D'ECRITURE SUR UN SUPPORT D'ENREGISTREMENT OPTIQUE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Norihiro [JP/JP]; 3-6-103, Utsukushigaoka 5-chome, Aoba-ku, Yokohama-shi, Kanagawa 2250002 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045, 7/007, 7/125

(11) WO 2004/086378 (13) A1

(21) PCT/JP2004/003938

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080826 24 Mar/mar 2003 JP (24.03.2003)

(30) 2004-026683 3 Feb/fév 2004 JP (03.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INFORMATION RECORDING MEDIUM, OPTICAL INFORMATION RECORDING DEVICE, INFORMATION PROCESSING DEVICE, PROGRAM, AND INFORMATION RECORDING METHOD

• SUPPORT D'ENREGISTREMENT, DISPOSITIF OPTIQUE, DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCÉDE D'ENREGISTREMENT D'INFORMATIONS

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NINOMIYA, Masaki, [JP/JP]; 12-312, Nakamachidai 3-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 2240041 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/0045

(11) WO 2004/086379 (13) A1

(21) PCT/KR2004/000632

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/456,559 24 Mar/mar 2003 US (24.03.2003)

(30) 10-2003-0018213 24 Mar/mar 2003 KR (24.03.2003)

(30) 60/473,894 29 May/mai 2003 US (29.05.2003)

(30) 10-2003-0060545 30 Aug/août 2003 KR (30.08.2003)

(30) 10-2004-0014247 3 Mar/mar 2004 KR (03.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF OVERWRITING DATA IN WRITE-ONCE MEDIUM AND DATA

RECORDING AND/OR REPRODUCING APPARATUS THEREFOR

- PROCEDE D'ECRASMENT DE DONNEES SUR UN SUPPORT A ECRITURE UNIQUE ET APPAREIL D'ENREGISTREMENT ET/OU DE REPRODUCTION DE DONNEES AFFERENT

(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) HWANG, Sung-Hee; 420-403 Jugong Apt., 189, Gaepo-dong, Gangnam-gu, Seoul 135-240 (KR). KO, Jung-Wan; 315-401 Cheongmyung Maoul 3-danji Daewoo Apt., 956-2 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-737 (KR). LEE, Kyung-Geun; 229-1006 Sibeom-danji Woosung Apt., 16, Seohyun 1-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-050 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/007, 20/12, 7/24, 7/0037

(11) WO 2004/086380 (13) A1

(21) PCT/IB2004/050219

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03100754.5 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTILAYER OPTICAL DISC HAVING DISC INFORMATION

- DISQUE OPTIQUE A COUCHES MULTIPLES CONTENANT DES INFORMATIONS RELATIVES AU DISQUE

(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) MARTENS, Hubert, C., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WOERLEE, Pierre, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIJBOER, Jakob, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11B 7/007

(11) WO 2004/086381 (13) A1

(21) PCT/IB2004/050228

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 03100749.5 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTILAYER OPTICAL DISC HAVING PREGROOVE MODULATION

- DISQUE OPTIQUE MULTICOUCHES A MODULATION DE PRE-SPIRALE

(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) WOERLEE, Pierre, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KOPPERS, Wilhelmus, R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MARTENS, Hubert, C., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN OETELAAR, Ronald, J., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SPRUIT, Johannes, H., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G11B 7/007, 7/24

(11) WO 2004/086382 (13) A1

(21) PCT/IB2004/050229

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 03100751.1 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL DISC HAVING FOCUS OFFSET AREA

- DISQUE OPTIQUE A ZONE DE DECALAGE DE FOCALISATION

(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) KOPPERS, Wilhelmus, R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WOERLEE, Pierre, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MARTENS, Hubert, C., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN OETELAAR, Ronald, J., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BAKX, Johannes, L. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B 7/007, 7/0045, 7/24, 20/12

(11) WO 2004/086383 (13) A1

(21) PCT/JP2004/003079

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-083929 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INFORMATION RECORD-
ING MEDIUM, OPTICAL INFORMA-
TION RECORDING DEVICE, INFOR-
MATION PROCESSING DEVICE, OP-
TICAL INFORMATION RECORDING
METHOD, PROGRAM AND RECORD-
ING MEDIUM

• SUPPORT D'ENREGISTREMENT
OPTIQUE, DISPOSITIF
D'ENREGISTREMENT OP-
TIQUE DE DONNEES, DISPOSITIF
DE TRAITEMENT DE DONNEES,
PROCEDE D'ENREGISTREMENT OP-
TIQUE DE DONNEES, PROGRAMME
ET SUPPORT D'ENREGISTREMENT

(71) RICOH COMPANY LTD. [JP/JP]; 3-6,
Nakamagome 1-chome, Ohta-ku, Tokyo
143-8555 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUZUKI, Haruyuki [JP/JP]; 2F-1303,
Nakagawa 1-chome, Tsuzuki-ku, Yokohama-
shi, Kanagawa 224-0001 (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B 7/007, 7/0045, 7/24

(11) WO 2004/086384 (13) A1

(21) PCT/JP2004/003398

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-083619 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-381189 11 Nov/nov 2003 JP
(11.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL RECORDING MEDIUM
AND INFORMATION RECORDING
METHOD

• SUPPORT D'ENREGISTREMENT
OPTIQUE ET PROCEDE
D'ENREGISTREMENT DE DONNEES

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6,
Nakamagome 1-chome, Ohta-ku, Tokyo
1438555 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OGAWA, Ippei [JP/JP]; 658-13-101,
Koyamacho, Midori-ku, Yokohama-shi,
Kanagawa 2260023 (JP). OHISHI, Takuo
[JP/JP]; 312-102, Yotsuya, Zama-shi, Kana-
gawa 2280025 (JP). MATSUBA, Takanobu
[JP/JP]; 17-27, Edaminami 2-chome,
Tsuzuki-ku, Yokohama-shi, Kanagawa
2240007 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/09, 7/085

(11) WO 2004/086385 (13) A1

(21) PCT/JP2004/004251

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086368 26 Mar/mar 2003 JP
(26.03.2003)

(30) 2003-305210 28 Aug/août 2003 JP
(28.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL DISC DEVICE

• DISPOSITIF A DISQUE OPTIQUE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANDA, YoshihiroHIRATSUKA,
TakashigeOCHIAI, MinoruKIKUCHI,
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(74) HAYASE, Kenichi; Hayase & Co. Patent
Attorneys, 13F, Nissei Shin-Osaka Bldg.,
3-4-30, Miyahara, Yodogawa-ku, Osaka-shi,
Osaka 5320003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/095

(11) WO 2004/086386 (13) A1

(21) PCT/IB2004/000831

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 03100760.2 24 Mar/mar 2003 EP
(24.03.2003)

(30) 04300060.3 4 Feb/fév 2004 EP
(04.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR MEA-
SURING THE TILT OF AN OPTICAL
DISC.

• PROCEDE ET DISPOSITIF DE ME-
SURE DE L'INCLINAISON D'UN
DISQUE OPTIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(72, 75) STALLINGA, Sjoerd [NL/NL]; c/o
Société Civile SPID, 156, Boulevard Hauss-
mann, F-75008 Paris (FR). ANDERSEN,
Ole, Klemmt [DK/NL]; c/o Société Civile
SPID, 156, Boulevard Haussmann, F-75008
Paris (FR). LEE, Juil [KR/NL]; c/o Société
Civile SPID, 156, Boulevard Haussmann,
F-75008 Paris (FR).

(74) GATEPIN, Philippe; Société Civile SPID,
156, Boulevard Haussmann, F-75008 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B 7/125, H05B 33/08, H01S 5/068

(11) WO 2004/086387 (13) A1

(21) PCT/IB2004/050304

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100798.2 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RADIATION SOURCE DRIVING DE-
VICE AND METHOD FOR DRIVING A
RADIATION SOURCE

• DISPOSITIF ET PROCÉDE POUR EX-
CITER UNE SOURCE DE RAYONNE-
MENT

(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) MCCORMACK, James, J., A. [IE/NL];
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hoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 7/135, 7/24, G02B 21/00, 27/58

(11) WO 2004/086388 (13) A1

(21) PCT/IB2004/050315

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en

(26) en

(30) 03100817.0 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL RECORD CARRIER AND
OPTICAL SCANNING DEVICE

• SUPPORT D'ENREGISTREMENT OP-
TIQUE ET DISPOSITIF DE LECTURE
OPTIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(72, 75) OPHEY, Willem, G. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 7/135, G02F 1/13, 1/505

(11) WO 2004/086389 (13) A1

(21) PCT/JP2004/003100

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-087676 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WAVEFRONT ABERRATION COR-
RECTING DEVICE AND OPTICAL
PICKUP EQUIPPED WITH THE SAME

• DISPOSITIF DE CORRECTION
D'ABERRATION DE FRONT D'ONDE
ET TÊTE OPTIQUE EQUIPEE DE CE
DISPOSITIF

(71) TOKYO UNIVERSITY OF AGRI-
CULTURE AND TECHNOLOGY
TLO CO., LTD. [JP/JP]; 24-16, Naka-cho
2-chome, Koganei-shi Tokyo, 1848588 (JP).

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les États désignés sauf US)

(72, 75) TAKAKI, Yasuhiro [JP/JP]; c/o The
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HASHIMOTO, Nobuyuki [JP/JP]; c/o
Citizen Watch Co., LTD. 840, Shimotomi,
Tokorozawa-shi Saitama, 3598511 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI AS-
SOCIATES 23rd Floor., Roppongi Hills Mori
Tower, 6-10-1, Roppongi Minato-ku Tokyo,
1066123 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/14, B29D 7/01

(11) WO 2004/086390 (13) A1

(21) PCT/EP2004/002585

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 13 173.6 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL DATA CARRIER COMPRIS-
ING A POLYMERIC NETWORK IN
THE INFORMATION LAYER

• MEMOIRES DE DONNEES OP-
TIQUES DONT LA COUCHE
D'INFORMATIONS CONTIENT UN
RESEAU POLYMERE

(71) BAYER CHEMICALS AG [DE/DE];
51368 Leverkusen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERNETH, Horst [DE/DE]; Erfurter
Str. 1, 51373 Leverkusen (DE). BRUDER,
Friedrich-Karl [DE/DE]; En de Siep 34,
47802 Krefeld (DE). HAGEN, Rainer
[DE/DE]; Damaschkestr. 2a, 51373 Lev-
erkusen (DE). HASSEN RÜCK, Karin
[DE/DE]; Schlehenweg 28, 40468 Düs-
seldorf (DE). KOSTROMINE, Serguei
[RU/DE]; Katharinenstr. 28, 53913 Swis-
stal (DE). KRÜGER, Christa, Maria
[DE/DE]; Fliednerstr. 18, 48149 Münster
(DE). MEYER-FRIEDRICHSEN, Timo
[DE/DE]; Bodelschwinghstr. 16, 47800
Krefeld (DE). OSER, Rafael [DE/DE];
Buschstr. 171, 47800 Krefeld (DE).
STAWITZ, Josef-Walter [DE/DE]; Am
Hagen 1, 51519 Odenthal (DE).

(74) BAYER CHEMICALS AG; Law & Patents,
Patents and Licensing, 51368 Leverkusen
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/24, 7/26, 7/0045, 7/005

(11) WO 2004/086391 (13) A1

(21) PCT/JP2004/004206

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083076 25 Mar/mar 2003 JP (25.03.2003)

(30) 2004-081714 19 Mar/mar 2004 JP (19.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL RECORDING MEDIUM, ITS MANUFACTURING METHOD, AND RECORDING/REPRODUCING METHOD

• SUPPORT D'ENREGISTREMENT OPTIQUE, SON PROCÉDE DE FABRICATION, ET PROCÉDE D'ENREGISTREMENT/DE REPRODUCTION

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

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(72, 75) ITO, Kazunori [JP/JP]; 4-35-22, Edahigashi, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2240006 (JP). ISHIMI, Tomomi [JP/JP]; 2-9-5, Katsuradainami, Sakae-ku, Yokohama-shi, Kanagawa, 2470033 (JP). KOTAKA, Kazuhiro [JP/JP]; Radience Yokohama Seya 607, 2-25-14, Shimoseya, Seya-ku, Yokohama-shi, Kanagawa, 2460035 (JP). TOMURA, Tatsuya [JP/JP]; 1-22-13-406, Honisshiki, Edogawa-ku, Tokyo, 1330044 (JP). NAKAMURA, Yuki [JP/JP]; 688-3 (31-14), Nogaya-machi, Machida-shi, Tokyo, 1950053 (JP). YAMADA, Katsuyuki [JP/JP]; Sobudainishi Park Homes 401, 3-5791-1, Iriya, Zama-shi, Kanagawa, 2280024 (JP).

(74) HIROTA, Koichi; HIROTA, NAGARE & ASSOCIATES, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo, 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/02, G06F 3/033

(11) WO 2004/086392 (13) A1

(21) PCT/EP2004/002561

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 03006663.3 25 Mar/mar 2003 EP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR REPRESENTING ANIMATED MENU BUTTONS

• PROCÉDE PERMETTANT DE REPRÉSENTER DES TOUCHES DE MENU ANIME

(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) HÖRENTUP, Jobst [DE/DE]; Gabelsbergerstr. 18, 30163 Hannover (DE). ADOLPH, Dirk [DE/DE]; Wallbrink 2, 30952 Ronnenberg (DE). OSTERMANN, Ralf [DE/DE]; Oberstr. 17, 30167 Hannover (DE). SCHILLER, Harald [DE/DE]; Apfelfgarten 11, 30539 Hannover (DE). LI, Hui [DE/DE]; Haltenhoffstr. 221, 30419 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 20/10, 7/0045

(11) WO 2004/086393 (13) A2

(21) PCT/IB2004/050226

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 03100757.8 24 Mar/mar 2003 EP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTIMUM POWER CONTROL FOR MULTILAYER OPTICAL DISC

• COMMANDE OPTIMALE DE PUISSANCE POUR DISQUE OPTIQUE A COUCHES MULTIPLES

(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) MARTENS, Hubert, C., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KOPPERS, Wilhelmus, R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIJBOER, Jakob, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN OETE-LAAR, Ronald, J., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WOERLEE, Pierre, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 20/10, 20/12, 27/00, 7/0045

(11) WO 2004/086394 (13) A1

(21) PCT/JP2004/003083

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-083930 25 Mar/mar 2003 JP (25.03.2003)

(30) 2004-013260 21 Jan/jan 2004 JP (21.01.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION RECORDING METHOD, INFORMATION RECORDING DEVICE, PROGRAM, AND COMPUTER-READABLE INFORMATION STORAGE MEDIUM

• PROCÉDE D'ENREGISTREMENT DE DONNEES, DISPOSITIF D'ENREGISTREMENT DE DONNEES, PROGRAMME, ET SUPPORT D'ENREGISTREMENT DE DONNEES LISIBLE PAR ORDINATEUR

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOTOHASHI, Tsutomu** [JP/JP]; 17-18, Nakaizumi 3-chome, Komae-shi, Tokyo 201-0012 (JP).

(74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 **G11B 20/10, 20/12, 27/00, H04N 5/93**

(11) **WO 2004/086395** (13) A1

(21) PCT/JP2004/004227

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-088453 **27 Mar/mar 2003 JP (27.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA PROCESSING DEVICE

• DISPOSITIF DE TRAITEMENT DE DONNEES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKAUCHI, Osamu** **NAKAMURA, Kazuhiko** **ITO, Masanori**

(74) **OKUDA, Seiji**; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg. 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 20/10**

(11) **WO 2004/086396** (13) A1

(21) PCT/KR2004/000693

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en

(30) 10-2003-0019684 **28 Mar/mar 2003 KR (28.03.2003)**

(30) 60/458,436 **31 Mar/mar 2003 US (31.03.2003)**

(30) 10-2003-0082336 **19 Nov/nov 2003 KR (19.11.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REPRODUCING APPARATUS AND METHOD, AND RECORDING MEDIUM

• APPAREIL ET METHODE DE REPRODUCTION, ET SUPPORT D'ENREGISTREMENT ASSOCIE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) **JUNG, Kil-Soo**; 104-1401 Namsuwon Doosan Apt., 485, Byungjeom-ri, Taean-eup, Hwaseong-gun, Gyeonggi-do 445-970 (KR).
MOON, Seong-Jin; 436-502 Cheongmyung Maoul 4-danji Apt., 1046-1 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-738 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 20/10**

(11) **WO 2004/086397** (13) A1

(21) PCT/KR2004/000706

(22) **27 Mar/mar 2004 (27.03.2004)**

(25) en (26) en

(30) 10-2003-0019682 **28 Mar/mar 2003 KR (28.03.2003)**

(30) 60/458,412 **31 Mar/mar 2003 US (31.03.2003)**

(30) 10-2004-0016101 **10 Mar/mar 2004 KR (10.03.2004)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR GUARANTEEING SEAMLESS REPRODUCTION OF A PLURALITY OF DATA STREAMS

• PROCEDE ET APPAREIL POUR GARANTIR LA REPRODUCTION SANS INTERRUPTION D'UNE PLURALITE DE TRAINS DE DONNEES

(71) **SAMSUNG ELECTRONICS CO. LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) **JUNG, Kil-Soo**; 104-1401 Namsuwon Doosan Apt., 485, Byungjeom-ri, Taean-eup,

Hwaseong-gun, Gyeonggi-do 445-970 (KR).
MOON, Seong-Jin; 436-502 Cheongmyung Maoul 4-danji Apt., 1046-1 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-738 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B 20/12, 27/30**

(11) **WO 2004/086398** (13) A1

(21) PCT/IB2004/050225

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 03100756.0 **24 Mar/mar 2003 EP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR RECORDING A LEAD-OUT ON AN OPTICAL DISC

• PROCEDE D'ENREGISTREMENT DE FIN DE ZONE D'ENREGISTREMENT SUR UN DISQUE OPTIQUE

(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) **TIEKE, Benno** [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
MARTENS, Hubert, C., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **UITTENBOGAARD, Frank**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B 20/12, 27/32

(11) WO 2004/086399 (13) A1

(21) PCT/IB2004/050305

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100797.4 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD, SYSTEM AND SOFTWARE
FOR FAST ARCHIVING FROM HDD
TO OPTICAL DISK DRIVE

• PROCEDE, SYSTEME ET LOGICIEL
POUR ARCHIVAGE RAPIDE SUR UN
LECTEUR DE DISQUE OPTIQUE A
PARTIR D'UN LECTEUR DE DISQUE
DUR

(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) VEUGEN, Leonardus, M., M.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) VERDONK, Peter, L., F., M.; Prof. Holst-
laan 6, 5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B 20/12, 7/00

(11) WO 2004/086400 (13) A1

(21) PCT/JP2004/002824

(22) 5 Mar/mar 2004 (05.03.2004)

(25) ja (26) ja

(30) 2003-083305 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-150355 28 May/mai 2003 JP
(28.05.2003)

(30) 2003-353504 14 Oct/oct 2003 JP
(14.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OPTICAL INFORMATION RECORD-
ING METHOD, OPTICAL INFORMA-
TION RECORDING DEVICE, INFOR-
MATION PROCESSING DEVICE, OP-
TICAL INFORMATION RECORDING
MEDIUM, PROGRAM, AND RECORD-
ING MEDIUM

• PROCEDE D'ENREGISTREMENT
D'INFORMATION OPTIQUE, DISPO-
SITIF CORRESPONDANT, DISPOSITIF
DE TRAITEMENT D'INFORMATION,
SUPPORT D'ENREGISTREMENT
D'INFORMATION OPTIQUE,
PROGRAMME, ET SUPPORT
D'ENREGISTREMENT

(71) RICOH COMPANY LTD. [JP/JP]; 3-6,
Nakamagome 1-chome, Ohta-ku, Tokyo,
1438555 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SASAKI, Yoshiyuki [JP/JP]; 460-307,
Nougayamachi, Machida-shi, Tokyo,
1950053 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B 20/12, 7/00

(11) WO 2004/086401 (13) A1

(21) PCT/JP2004/003916

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083360 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-357396 17 Oct/oct 2003 JP
(17.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INFORMATION RECORDING DE-
VICE, INFORMATION RECORDING
METHOD, INFORMATION RECORD-
ING PROGRAM, AND RECORDING
MEDIUM CONTAINING THE INFOR-
MATION RECORDING PROGRAM

• DISPOSITIF D'ENREGISTREMENT
D'INFORMATIONS, PRO-
CEDE D'ENREGISTREMENT
D'INFORMATIONS, PRO-
GRAMME D'ENREGISTREMENT
D'INFORMATIONS ET SUPPORT
D'INFORMATIONS CONTENANT CE
PROGRAMME D'ENREGISTREMENT
D'INFORMATIONS

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6,
Nakamagome 1-chome, Ohta-ku, Tokyo
1438555 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MATSUBA, Takanobu [JP/JP]; 17-27,
Edaminami 2-chome, Tsuzuki-ku, Yoko-
hama-shi, Kanagawa 2240007 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 23/40, 23/03

(11) WO 2004/086402 (13) A1

(21) PCT/JP2004/001031

(22) 3 Feb/fév 2004 (03.02.2004)

(25) ja (26) ja

(30) 2003-089103 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISC-SHAPED STORAGE MEDIUM
CONTAINING CASE

• BOITIER CONTENANT UN SUP-
PORT DE STOCKAGE EN FORME
DE DISQUE

(71) TEAC CORPORATION [JP/JP]; 7-3
Naka-cho 3-chome Musashino-shi Tokyo,
1808550 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUKIGARA, Motoyuki [JP/JP]; 6-26
Zenkukiji 4-chome Suginami-ku Tokyo,
1670041 (JP).

(74) YOKOI, koki; Mita 3-chome BLDG. 4-11
Mita 3-chome Minato-ku Tokyo, 1080073
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 27/19

(11) WO 2004/086403 (13) A1

(21) PCT/IB2004/050221

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 03100755.2 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTILAYER OPTICAL DISC HAV-
ING A LAYER INDICATION

• DISQUE OPTIQUE MULTICOUCHE A
INDICATION DE COUCHE

(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) WOERLEE, Pierre, H. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). KOPPERS, Wilhelmus, R. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). MARTENS, Hubert, C., F.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). VAN DEN OETE-
LAAR, Ronald, J., A. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
AP (BW GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU
TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PL PT
RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)

(51)⁷ G11B 27/32, 27/10

(11) WO 2004/086404 (13) A1

(21) PCT/JP2004/003500

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 2003-081466 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECORDING MEDIUM RECORDING
APPARATUS AND REPRODUCING
APPARATUS

• SUPPORT D'ENREGISTREMENT, AP-
PAREIL D'ENREGISTREMENT ET AP-
PAREIL DE REPRODUCTION

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAKANO, Toshihisa FUTA, Yui-
chi OHMORI, Motoji HARADA, Shunji

(74) NII, Hiromori; c/o NII Patent Firm,
3rd Floor, Shin-Osaka Suchiro, Center
Bldg., 11-26, Nishinakajima 3-chome Yo-
dogawa-ku, Osaka-shi, Osaka, 532-0011
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 27/36

(11) WO 2004/086405 (13) A1

(21) PCT/IB2004/050295

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03100796.6 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLAYLIST SYNCHRONIZATION

• SYNCHRONISATIONS D'UN REPER-
TOIRE

(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) BODLAENDER, Maarten, P.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). SINITSYN, Alexandre
[BY/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.
Holstlaan 6, NL-5656 A Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11C 7/06, 11/22

(11) WO 2004/086406 (13) A1

(21) PCT/NO2004/000086

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 20031346 25 Mar/mar 2003 NO
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SENSE AMPLIFIER SYSTEMS AND A
MATRIX-ADDRESSABLE MEMORY
DEVICE PROVIDED THEREWITH

• SYSTEMES D'AMPLIFICATEURS DE
LECTURE ET MEMOIRE A ADRES-
SAGE MATRICIEL AINSI POURVUS

(71) THIN FILM ELECTRONICS ASA
[NO/NO]; P.O. Box 1872 Vika, N-0124
Oslo (NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHWEICKERT, Robert [US/US];
9824 Robin Avenue NE, Albuquerque, NM
87112 (US). LEISTAD, Geirr, I. [NO/NO];
Jonsstubbén 19, N-1337 Sandvika (NO).

(74) LEISTAD, Geirr, I.; Thin Film Electron-
ics ASA, P.O. Box 1872 Vika, N-0124 Oslo
(NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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 2004/086407 (13) A1

(21) PCT/JP2004/003973

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-81251 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MAGNETIC MEMORY DEVICE,
SENSE AMPLIFIER CIRCUIT, AND
READING METHOD OF MAGNETIC
MEMORY DEVICE

• DISPOSITIF DE MEMOIRE MAGNE-
TIQUE, CIRCUIT AMPLIFICATEUR
DE DETECTION ET PROCEDE DE
LECTURE DU DISPOSITIF DE ME-
MOIRE MAGNETIQUE

(71) TDK CORPORATION [JP/JP]; 13-1,
Nihonbashi 1-chome, Chuo-ku, Tokyo
103-8272 (JP).

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les États désignés sauf US)

(72, 75) EZAKI, Joichiro [JP/JP]; c/o TDK
Corporation, 13-1, Nihonbashi 1-chome,
Chuo-ku, Tokyo 103-8272 (JP). KAK-
INUMA, Yuji [JP/JP]; c/o TDK Corpora-
tion, 13-1, Nihonbashi 1-chome, Chuo-ku,
Tokyo 103-8272 (JP). KOGA, Keiji [JP/JP];
c/o TDK Corporation, 13-1, Nihonbashi
1-chome, Chuo-ku, Tokyo 103-8272 (JP).
SUMITA, Shigekazu [JP/JP]; c/o TDK
Corporation, 13-1, Nihonbashi 1-chome,
Chuo-ku, Tokyo 103-8272 (JP).

(74) MITAZAKI, Taiji et al. / etc.; 2F, Odai
Building, 9-5, Shinjuku 1-chome, Shin-
juku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 27/00

(11) WO 2004/086408 (13) A1

(21) PCT/IB2004/050309

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100826.1 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRACK AND HOLD CIRCUIT

• SYSTEME DETECTEUR DE FRE-
QUENCE A SIGNAL DE COMMANDE
DE FREQUENCE A TROIS ETATS

(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) SANDULEANU, Mihai, A., T.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). STIKVOORT, Ed-
uard, F. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 27/02, G01R 25/00

(11) WO 2004/086409 (13) A1

(21) PCT/IB2004/050310

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100827.9 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CIRCUIT FOR USE IN FREQUENCY
OR PHASE DETECTOR

• CIRCUIT DE POURSUITE ET DE
MAINTIEN

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SANDULEANU, Mihai, A., T.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). STIKVOORT, Ed-
uard, F. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 29/00

(11) WO 2004/086410 (13) A1

(21) PCT/US2004/008663

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,452 20 Mar/mar 2003 US
(20.03.2003)

(30) 10/630,516 29 Jul/juil 2003 US
(29.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TIERED BUILT-IN SELF-TEST (BIST)
ARCHITECTURE FOR TESTING DIS-
TRIBUTED MEMORY MODULES

• ARCHITECTURE A AUTO-TEST IN-
TEGRE (BIST) ETAGEE, POUR TES-
TER DES MODULES DE MEMOIRE
REPARTIS

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).

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les États désignés sauf US)

(72, 75) HANSQUINE, David, W. [CA/US];
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92129 (US). AVERBUJ, Roberto, F.
[US/US]; 4110 Via Candidiz, #103, 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G11C 29/00

(11) WO 2004/086411 (13) A1

(21) PCT/US2004/008664

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,451 20 Mar/mar 2003 US (20.03.2003)

(30) 10/630,480 29 Jul/juil 2003 US (29.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEMORY BUILT-IN SELF-TEST (BIST) ARCHITECTURE HAVING DISTRIBUTED COMMAND INTERPRETATION AND GENERALIZED COMMAND PROTOCOL

• ARCHITECTURE A AUTO-TEST INTEGRE (BIST) POUR MEMOIRE AVEC INTERPRETATION D'INSTRUCTIONS REPARTIE ET PROTOCOLE D'INSTRUCTIONS GENERALES

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AVERBUJ, Roberto F. [US/US]; 4110 Via Candidiz, #103, San Diego, CA 92130 (US). HANSQUINE, David W. [CA/US]; 12885 Sundance Avenue, 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G21F

(11) WO 2004/086412 (13) A2

(21) PCT/US2004/004522

(22) 17 Feb/fév 2004 (17.02.2004)

(25) en (26) en

(30) 60/447,298 14 Feb/fév 2003 US (14.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RADIATION PROTECTION BY GAMMA-TOCOTRIENOL

• RADIOPROTECTION AU MOYEN DE GAMMA-TOCOTRIENOL

(71) HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDECINE, INC. [US/US]; 1401 Rockville Pike, Suite 600, Rockville, MD 20852 (US).

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(72, 75) KUMAR, K., Sree [US/US]; 17132 Olde Mill Run, Rockville, MD 20855 (US). SRINIVASAN, Venkataraman [US/US]; 19228 St. Johnsburys Lane, Germantown, MD 20876 (US). SEED, Thomas, M. [US/US]; 4417 Maple Avenue, Bethesda, MD 20814 (US). PAPAS, Andreas [US/US]; 5744 Chestnut Hills Drive, Kingsport, TN 37664 (US).

(74) KELBER, Steven, B. et al. / etc.; 1200 Nineteenth Street, N.W., Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21F 1/00, 3/02, A61N 1/16

(11) WO 2004/086413 (13) A1

(21) PCT/EP2004/001618

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) NO2003A000007 24 Mar/mar 2003 IT (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTI-RADIATION PROTECTION MAT AND RELATIVE MANUFACTURING METHOD

• MATELAS DE PROTECTION CONTRE LES RAYONNEMENTS ET PROCEDE DE FABRICATION ASSOCIE

(71) EDIL NATURA S.A. S. DI N. LIMARDO & C. [IT/IT]; Viale Dante, 28/c, I-28100 Novara (IT).

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(72, 75) LIMARDO, Nicola [IT/IT]; Via Tredici Martiri, 37, I-28100 Novara (IT).

(74) MITTLER, Enrico et al. / etc.; Mittler & C. s.r.l., Viale Lombardia, 20, I-20131 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G21K 4/00

(11) WO 2004/086414 (13) A1

(21) PCT/EP2004/002766

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 13 984.2 27 Mar/mar 2003 DE (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR PRODUCING AN IMAGE CONVERTER WITH AN X-RAY CONVERTER LAYER

• PROCEDE DE PRODUCTION D'UN CONVERTISSEUR D'IMAGES AVEC UNE COUCHE DE CONVERTISSEUR RAYONS X

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHULZ, Reiner, Franz [DE/DE]; Frankenstrasse 23b, 91077 Dormitz (DE). FUCHS, Manfred [DE/DE]; Wodanstrasse

16, 90461 Nürnberg (DE). MATTERN, Detlef [DE/DE]; Krähenhorst 14, 91056 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01B 1/00, C08K 3/04, 5/5419, C08L 33/26

(11) WO 2004/086415 (13) A1

(21) PCT/AM2003/000001

(22) 16 Jun/juin 2003 (16.06.2003)

(25) en (26) en

(30) P20030042 26 Mar/mar 2003 AM (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRO-CONDUCTIVE COMPOSITION
• COMPOSITION ELECTRO-CONDUCTRICE

(71, 72) KURGINYAN, Rostom [RU/RU]; Koshtoyants str. 6, apt. 486, 119454 Moscow (RU). SHASHIKYAN, Sergey [AM/AM]; Kanaker 1-st str. 2, 375052 Yerevan (AM).

(74) PETROSYAN, Areg; Areg Petrosyan & Partner Ltd, Charents str. 44/19, 375025 Yerevan (AM).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 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 H01B 3/44, 7/02, 11/18, H01P 3/06

(11) WO 2004/086416 (13) A1

(21) PCT/JP2003/016658

(22) 25 Dec/déc 2003 (25.12.2003)

(25) ja (26) ja

(30) 2003-79908 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIELECTRIC, INSULATED WIRE, COAXIAL CABLE, AND DIELECTRIC PRODUCTION METHOD

• DIELECTRIQUE, FIL ISOLE, CABLE COAXIAL ET PROCEDE DE PRODUCTION D'UN DIELECTRIQUE

(71) KURABE INDUSTRIAL CO., LTD. [JP/JP]; 4830, Takatsuka-Cho, Hamamatsu-Shi, Shizuoka 432-8521 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YASUKAWA, Yoshikazu [JP/JP]; c/o KURABE INDUSTRIAL CO., LTD., 4830, Takatsuka-Cho, Hamamatsu-Shi, Shizuoka 432-8521 (JP). OBA, Motoyuki [JP/JP]; c/o KURABE INDUSTRIAL CO., LTD. 4830, Takatsuka-Cho, Hamamatsu-Shi, Shizuoka 432-8521 (JP). IWASAKI, Toyota [JP/JP]; c/o KURABE INDUSTRIAL CO., LTD., 4830, Takatsuka-Cho, Hamamatsu-Shi, Shizuoka 432-8521 (JP).

(74) SHIMANO, yoshiichi; Chisan mansion kuyamachi room no.203 11-6, kuyamachi, Shizuoka-shi, Shizuoka 420-0852 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 7/00, 7/04, 5/00, D07B 1/06, 1/08, 1/10

(11) WO 2004/086417 (13) A1

(21) PCT/EP2004/002512

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 03380076.4 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METALLIC CONDUCTOR AND PROCESS OF MANUFACTURING SAME.

• CONDUCTEUR METALLIQUE ET PROCEDE DE FABRICATION DE CE-LUI-CI

(71) GRUPO GENERAL CABLE SISTEMAS, S.A. [ES/ES]; Casanova, 150, 08036 Barcelona (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANTOS LOPEZ, Luis [ES/ES]; Montnegre, 4, Sant Quirze del Valles, 08192 Barcelona (ES). PALLARES TUSET, Gerardo [ES/ES]; Sagrera, 159-163, 4^a-4^a, 08027 Barcelona (ES). PERTEGAZ MOYA, José [ES/ES]; Paralelo, 122 bis, 3^a-3^a, 08015 Barcelona (ES). MARTINEZ BRAGADO, Francisco, José [ES/ES]; Nou, 43, Viladecavalls, 08232 Barcelona (ES).

(74) ELZABURU, Alberto, de; Miguel Angel, 21, 28010 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 7/04, 9/00

(11) WO 2004/086418 (13) A1

(21) PCT/CH2004/000053

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 551/03 28 Mar/mar 2003 CH (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONNECTING LINE, ESPECIALLY CAR CONNECTING LINE AND METHOD FOR PRODUCING SUCH A CONNECTING LINE

• LIGNE DE LIAISON, EN PARTICULIER LIGNE DE JONCTION DE WAGONS, ET PROCEDE DE FABRICATION D'UNE LIGNE DE CE TYPE

(71) HUBER + SUHNER AG [CH/CH]; Tumbelenstrasse 20e, CH-8330 Pfäffikon (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUNG, Ulrich [DE/CH]; Chüefenstrasse 8, CH-8320 Fehraltorf (CH). HAAS, Heinz [CH/CH]; Chüefenstrasse 6, CH-8320 Fehraltorf (CH).

(74) OTTOW, Jens, M.; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 2004/086419 (13) A1

(21) PCT/JP2004/004020

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-086178 **26 Mar/mar 2003** JP
(26.03.2003)

(30) 2003-422988 **19 Dec/déc 2003** JP
(19.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR FORMING FERRO-ELECTRIC THIN FILM

• PROCEDE DE FORMATION D'UN FILM MINCE FERROELECTRIQUE

(71) DAIKIN INDUSTRIES LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-Nishi 2-chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAKI, Takayuki [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka, 5668585 (JP). KODANI, Tetsuhiro [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka, 5668585 (JP).

(74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5400012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01C 7/02

(11) WO 2004/086420 (13) A1

(21) PCT/EP2004/003136

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 14 218.5 **28 Mar/mar 2003** DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRIC HEATING ELEMENT

• ELEMENT CHAUFFANT ELECTRIQUE

(71) VACUUMSCHMELZE GMBH & CO. KG [DE/DE]; Grüner Weg 37, 63450 Hanau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBER, Hartwin [DE/DE]; Westbahnhofstrasse 9D, 63450 Hanau (DE). DÖRING, Waldemar [DE/DE]; Lindenstrasse 1, 63594 Hasselroth (DE).

(74) SCHMUCKERMAIER, Bernhard; Westphal, Musgnug & Partner, Mozartstrasse 8, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01C 7/02

(11) WO 2004/086421 (13) A1

(21) PCT/JP2004/004197

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083638 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORGANIC POSITIVE TEMPERATURE COEFFICIENT THERMISTOR

• THERMISTANCE ORGANIQUE A COEFFICIENT DE TEMPERATURE POSITIF

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORI, Yukie [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; Soei Patent and Law Firm, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/10, C04B 35/26

(11) WO 2004/086422 (13) A1

(21) PCT/JP2003/008828

(22) 11 Jul/juil 2003 (11.07.2003)

(25) ja (26) ja

(30) 2003-83115 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FERRITE MAGNET AND METHOD FOR PRODUCTION THEREOF

• AIMANT EN FERRITE ET PROCEDE POUR SA PRODUCTION

(71) MINEBEA CO., LTD. [JP/JP]; 4106-73, Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Osamu [JP/JP]; c/o Minebea Co., Ltd. Hamamatsu Manufacturing Unit, 1743-1, Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1102 (JP).

(74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

(81) CN US.

(84) EP (DE FR GB NL).

(51)⁷ H01F 1/10, C04B 35/26

(11) WO 2004/086423 (13) A1

(21) PCT/JP2003/008829

(22) 11 Jul/juil 2003 (11.07.2003)

(25) ja (26) ja

(30) 2003-83321 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FERRITE MAGNET AND METHOD FOR PRODUCTION THEREOF

• AIMANT EN FERRITE ET PROCÉDÉ POUR SA PRODUCTION

(71) MINEBEA CO., LTD. [JP/JP]; 4106-73, Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Osamu [JP/JP]; c/o Minebea Co., Ltd. Hamamatsu Manufacturing Unit, 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1102 (JP).

(74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

(81) CN US.

(84) EP (DE FR GB NL).

(51)⁷ H01F 1/10, C04B 35/26

(11) WO 2004/086424 (13) A1

(21) PCT/JP2003/008830

(22) 11 Jul/juil 2003 (11.07.2003)

(25) ja (26) ja

(30) 2003-83116 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FERRITE MAGNET AND METHOD FOR PRODUCTION THEREOF

• AIMANT DE FERRITE ET SON PROCEDE D'OBTENTION

(71) MINEBEA CO., LTD. [JP/JP]; 4106-73, Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Osamu [JP/JP]; c/o Minebea Co., Ltd. Hamamatsu Manufacturing Unit, 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1102 (JP).

(74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

(81) CN US.

(84) EP (DE FR GB NL).

(51)⁷ H01F 1/10, C04B 35/26

(11) WO 2004/086425 (13) A1

(21) PCT/JP2003/008831

(22) 11 Jul/juil 2003 (11.07.2003)

(25) ja (26) ja

(30) 2003-83322 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FERRITE MAGNET AND METHOD FOR PRODUCTION THEREOF

• AIMANT DE FERRITE ET SON PROCEDE D'OBTENTION

(71) MINEBEA CO., LTD. [JP/JP]; 4106-73, Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Osamu [JP/JP]; c/o Minebea Co., Ltd. Hamamatsu Manufacturing Unit, 1743-1, Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1102 (JP).

(74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

(81) CN US.

(84) EP (DE FR GB NL).

(51)⁷ H01F 1/44

(11) WO 2004/086426 (13) A1

(21) PCT/IB2004/000442

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/402,527 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MAGNETIC FLUID HAVING AN IMPROVED CHEMICAL STABILITY AND PROCESS FOR PREPARING THE SAME

• FLUIDE MAGNETIQUE A STABILITE CHIMIQUE AMELIOREE ET SON PROCEDE DE PREPARATION

(71) FERROTEC CORPORATION [JP/JP]; 1-4-14 Kyobashi Chuo-ku, 104-0031 Tokyo, Tokyo (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUDA, Shiro [JP/JP]; 906-17 Nishiashirai, 289-2515 Asahi, Chiba (JP). NEMOTO, Koji [JP/JP]; 1639-4 Egasaki, 289-2503 Asahi, Chiba (JP). IJIMA, Nobuharu [JP/JP]; 1-1044-687 Toyosatodai, 288-0874 Choshi, Chiba (JP). KURIHARA, Nobuaki [JP/JP]; 2201-1 Uematsu-cho, 288-0071 Choshi, Chiba (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H01F 10/14, 41/18

(11) WO 2004/086427 (13) A1

(21) PCT/JP2004/004152

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-87789 27 Mar/mar 2003 JP (27.03.2003)

(30) 2003-313158 4 Sep/sep 2003 JP (04.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FePt MAGNETIC THIN FILM HAVING PERPENDICULAR MAGNETIC ANISOTROPY AND METHOD FOR PREPARATION THEREOF

• FILM MINCE MAGNETIQUE DE FEPT A ANISOTROPIE PERPENDICULAIRE ET PROCEDE DE PREPARATION

(71) NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEKI, Takeshi [JP/JP]; c/o Institute for Materials, Research, Tohoku University, 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0812 (JP). SHIMA, Toshiyuki [JP/JP]; c/o Institute for Materials, Research, Tohoku University, 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0812 (JP). TAKANASHI, Koki [JP/JP]; c/o Institute for Materials, Research, Tohoku University, 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0812 (JP). HONO, Kazuhiro [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).

(74) NISHIZAWA, Toshio; Three F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 27/30, 41/12

(11) WO 2004/086428 (13) A1

(21) PCT/HU2004/000024

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) P 0300789 26 Mar/mar 2003 HU (26.03.2003)

(30) P 0303913 1 Dec/déc 2003 HU (01.12.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCEDURE FOR THE PREPARATION OF THE SUPPORTING STRUCTURE BETWEEN THE IRON CORE AND THE CORE TUBE OF TRANSFORMERS

• PROCEDE D'ELABORATION D'UNE STRUCTURE DE SUPPORT ENTRE UN MANDRIN EN FER ET UN CORPS DE BOBINE DE TRANSFORMATEURS

(71) KOMPOZITOR MŰANYAGIPARI FEJLESZTŐ KFT. [HU/HU]; Gyarmat u. 71, H-1147 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIVIKI NAGY, Attila [HU/HU]; Földeák u. 25, H-1171 Budapest (HU). JODÁL, Sándor [HU/HU]; Bod Péter lejtő 4, H-1112 Budapest (HU). KECSKEMÉTHY, Géza [HU/HU]; Lévy u. 7/B., H-1022 Budapest (HU). KOVÁCSAY, István [HU/HU]; Népfürdő u. 19/F, H-1138 Budapest (HU). SZABÓ, Csaba [HU/HU]; Nárcisz u. 33, H-1126 Budapest (HU).

(74) ADVOPATENT Office of Patent and Trademark Attorneys; Fő utca 19, H-1011 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01F 27/30

(11) WO 2004/086429 (13) A1

(21) PCT/HU2004/000025

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) P 03 00790 26 Mar/mar 2003 HU
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PRESSURE RING FOR CLAMPING
TRANSFORMER COILS AND PROCE-
DURE AND EQUIPMENT FOR THE
PRODUCTION OF PRESSURE RINGS

- ANNEAU DE PRESSION POUR LA
FIXATION DE BOBINES DE TRANS-
FORMATEUR, PROCEDE ET EQUI-
PEMENT POUR LA PRODUCTION
D'ANNEAUX DE PRESSION

(71) KOMPOZITOR MŰANYAGIPARI FE-
JLESZTŐ KFT. [HU/HU]; Gyarmat u. 71,
H-1147 Budapest (HU).(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DIVIKI NAGY, Attila [HU/HU];
Földeák u. 25, H-1171 Budapest (HU).
KECSKEMÉTHY, Géza [HU/HU]; Léway
u. 7/b, H-1022 Budapest (HU). KEREKES,
Sándor [HU/HU]; Kolozsvári u. 19/1,
H-2730 Albertirsa (HU). KOVÁCSAY,
István [HU/HU]; Népfürdő u. 19/F, H-1138
Budapest (HU). KUSTÁR, László [HU/HU];
Kőbánya u. 16, H-1038 Budapest (HU).
NICK, Lajos [HU/HU]; Táborhely u. 2,
H-1149 Budapest (HU). SZABÓ, Csaba
[HU/HU]; Nárcisz u. 33, H-1126 Budapest
(HU). ZALÁN, András [HU/HU]; Napfény
u. 20, H-1098 Budapest (HU).

(74) ADVOPATENT Office of Patent and
Trademark Attorneys; Fő utca 19, H-1011
Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 41/16, 10/14, 10/20, C23C 24/04

(11) WO 2004/086430 (13) A1

(21) PCT/JP2004/004229

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-084710 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PERMANENT MAGNETIC FILM
• FILM A AIMANT PERMANENT

(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY [JP/JP]; 3-1, Kasumi-
gaseki 1-chome Chiyoda-ku Tokyo, 1008921
(JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUGIMOTO, Satoshi, [JP/JP]; Aoba
02, Aramaki, Aoba-ku Sendai-shi Miyagi,
9808578 (JP). INOMATA, Koichiro,
[JP/JP]; Aoba 02, Aramaki, Aoba-ku
Sendai-shi Miyagi, 9808578 (JP). AKEDO,
Jun, [JP/JP]; c/o National Institute of Ad-
vanced Industrial Science and Technology
2-1, Namiki 1-chome Tsukuba-shi Ibaraki,
3058564 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01G

(11) WO 2004/086431 (13) A2

(21) PCT/US2004/008575

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,922 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF DISTINGUISHING THE
PRESENCE OF A SINGLE VERSUS
MULTIPLE PERSONS

- PROCEDE POUR FAIRE LA DISTINC-
TION ENTRE LA PRESENCE D'UNE
SEULE PERSONNE ET CELLE DE
PLUSIEURS PERSONNES

(71) HOME DATA SOURCE, LLC [US/US];
100 South Campus Drive, P.O. Box 3799,
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(72, 75) NICOLETTI, Ryan [US/US]; 6722
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Tim [US/US]; 902 Twelve Oaks, Carmel, IN
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(74) FOWLER, Russell, E.; Ice Miller, One
American Square, Box 82001, Indianapolis,
IN 46282-0002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01G 4/30, H01C 1/144, 7/112, H01G
4/232

(11) WO 2004/086432 (13) A1

(21) PCT/DE2004/000423

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 13 891.9 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRIC MULTILAYER COMPO-
NENT
• COMPOSANT MULTICOUCHE ELEC-
TRIQUE

(71) EPCOS AG [DE/DE]; St.-Martin-Strasse 53,
81669 München (DE).
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les États désignés sauf US)

(72, 75) FEICHTINGER, Thomas [AT/AT];
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Robert [AT/AT]; Karl-Hubmann Str. 1, 8530
Deutschlandsberg (AT).

(74) EPPING HERMANN FISCHER PATEN-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ H01H

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(21) PCT/EP2004/002858

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 13 359.3 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SWITCH DEVICE
• DISPOSITIF DE COMMANDE

(71) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH [DE/DE]; Carl-Wery-Str.
34, 81739 München (DE).
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(72, 75) HUBER, Ernst [DE/DE]; Herzog-Otto-
Str. 31, 83308 Trostberg (DE).

(74) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH; Carl-Wery-Str. 34,
81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/086434 (13) A2

(21) PCT/IL2004/000280

(22) 28 Mar/mar 2004 (28.03.2004)

(25) en (26) en

(30) 60/457,592 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MAGNETIC SWITCH FOR USE IN A SYSTEM THAT INCLUDES AN IN-VIVO DEVICE, AND A METHOD OF USE THEREOF

• COMMUTATEUR MAGNETIQUE A UTILISER DANS UN SYSTEME COMPRENANT UN DISPOSITIF IN VIVO, ET METHODE D'UTILISATION DE CE COMMUTATEUR

(71) GIVEN IMAGING LTD. [IL/IL]; P.O.B 258, Yoqneam Ilite, 20692 (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDDAN, Gavriel J. [IL/IL]; 44A Einstein Street, Haifa, 34602 (IL).

(74) EITAN PEARL LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, Herzlia, 46725 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/22, 3/30

(11) WO 2004/086435 (13) A1

(21) PCT/DE2004/000488

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 14 142.1 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SWITCH-DRIVING DEVICE FOR AN ELECTRIC SWITCHGEAR

• DISPOSITIF D'ENTRAÎNEMENT DE COMMUTATEUR POUR APPAREIL DE COMMUTATION ELECTRIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) BENDISCH, Holger [DE/DE]; Hauptstr. 130, 10827 Berlin (DE). KRIEGISCH, Lutz [DE/DE]; Kaiser-Friedrich-Str. 77, 10585 Berlin (DE). LUTZKE, Gunnar [DE/DE]; Weddigenweg 12, 12205 Berlin (DE). LÖBNER, Friedrich [DE/DE]; Fidicinstr. 32a, 10965 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01H 13/14, 13/70

(11) WO 2004/086436 (13) A1

(21) PCT/JP2004/003470

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-080276 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SWITCH DEVICE

• DISPOSITIF DE COMMUTATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
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(72, 75) UEHIRA, Kiyotaka

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/666

(11) WO 2004/086437 (13) A1

(21) PCT/RU2004/000114

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003108296 26 Mar/mar 2003 RU (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VACUUM CIRCUIT BREAKER

• COUPE-CIRCUIT A VIDE

(71) "TAVRIDA ELECTRIC INDUSTRIAL GROUP" [RU/RU]; ul. Marshala Birjuzova, 1, Moscow, 123298 (RU).

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(72, 75) CHALY Alexei Mikhailovich [RU/RU]; ul. Tsentralnaya, 20A-1, Chernogolovka, 142432 (RU). CHERVINSKY Oleg Igorevich [RU/RU]; ul. Krylatskie Holmy, 1-20, Moscow, 123298 (RU).

(74) PROZOROVSKIY, Alexander Yurjevich et al. / etc.; "Grandpatent", ul. Novaya Basmannaya, 19, Office 425, Moscow, 107078 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01H 35/00, 21/00

(11) WO 2004/086438 (13) A1

(21) PCT/JP2004/004095

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-084376 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VARIABLE HAND SWITCH

• INTERRUPTEUR A MAIN VARIABLE

(71, 72) **TAKACHI, Ken** [JP/JP]; 6-59, Koyoen Hinode-cho, Nishinomiyashi, Hyogo 6620014 (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 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**

(11) **WO 2004/086439** (13) A2

(21) PCT/US2004/002986

(22) **3 Feb/fév 2004 (03.02.2004)**

(25) en (26) en

(30) 10/358,160 **5 Feb/fév 2003** US (05.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR CONTROLLING ELECTRON BEAM CURRENT

• PROCEDE ET APPAREIL DE COMMANDE D'UN COURANT DE FAISCEAU D'ELECTRONS

(71) **THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL** [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, North Carolina 27599-4105 (US).
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(72, 75) **LU, Jianping** [US/US]; 123 Woodshire Lane, Chapel Hill, North Carolina 27514 (US). **ZHOU, Otto** [US/US]; 204 Glenhill Lane, Chapel Hill, North Carolina 27514 (US). **CHENG, Yuan** [CN/US]; 208 Branson Street, Chapel Hill, North Carolina 27514 (US).

(74) **GRUDZIECKI, Ronald, L.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, Virginia 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **H01J**

(11) **WO 2004/086440** (13) A2

(21) PCT/US2004/008530

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,832 **21 Mar/mar 2003** US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEMS AND METHODS FOR PLASMA CONTAINMENT

• SYSTEMES ET PROCEDES DE CONFINEMENT DU PLASMA

(71) **UTAH STATE UNIVERSITY** [US/US]; 1695 Research Park Way, North Logan, UT 84341 (US).

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(72, 75) **EDWARDS, W., Farrell** [US/US]; 565 River Heights Blvd., Logan, UT 84321 (US). **HELD, Eric** [US/US]; 957 West 330 South, Logan, UT 84321 (US).

(74) **ALTMAN, Daniel, E.**; 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **H01J**

(11) **WO 2004/086441** (13) A2

(21) PCT/US2004/008840

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/456,849 **21 Mar/mar 2003** US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MASS SPECTROSCOPY SYSTEM

• SYSTEME DE SPECTROSCOPIE DE MASSE

(71) **DANA-FARBER CANCER INSTITUTE, INC** [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REINHOLD, Bruce** [—/US]; 18 Old Meadow Road, Sudbury, MA 01776 (US).

(74) **FRASER, Janis, K.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/02**

(11) **WO 2004/086442** (13) A1

(21) PCT/JP2004/004330

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-086488 **26 Mar/mar 2003** JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DISCHARGE LAMP PRODUCING METHOD

• METHODE DE PRODUCTION D'UNE LAMPE A DECHARGE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.** [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka, 5718501 (JP).

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(72, 75) **OGINO, Yuichiro** **MINO, Yoshimitsu** **KIKUCHI, Akio** **UENO, Hironobu**

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka, 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/44, 9/38, 61/36, 61/30, 61/86
(11) WO 2004/086443 (13) A1
(21) PCT/JP2004/003521
(22) 17 Mar/mar 2004 (17.03.2004)
(25) ja (26) ja
(30) 2003-088414 27 Mar/mar 2003 JP
(27.03.2003)
(30) 2003-091201 28 Mar/mar 2003 JP
(28.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD FOR PRODUCING
HIGH-PRESSURE DISCHARGE LAMP,
HIGH-PRESSURE DISCHARGE LAMP
PRODUCED BY SUCH METHOD,
LAMP UNIT AND IMAGE DISPLAY
• PROCEDE DE FABRICATION D'UNE
LAMPE A DECHARGE HAUTE PRES-
SION, LAMPE A DECHARGE HAUTE
PRESSION FABRIQUEE SELON CE
PROCEDE, UNITE DE LAMPE ET AF-
FICHAGE D'IMAGES
(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza-
kadoma, Kadoma-shi Osaka 5718501 (JP).
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(72, 75) HATAOKA, ShinichiroTAKAHASHI,
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YoshitakaONO, SyunsukeTSUTATANI,
TakashiSEKI, TomoyukiHORIUCHI,
MakotoICHIBAKASE, Tsuyoshi
(74) NAKAJIMA, Shiro; 6F, Yodogawa
5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku,
Osaka-shi Osaka 5310072 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/00
(11) WO 2004/086445 (13) A1
(21) PCT/JP2004/004139
(22) 25 Mar/mar 2004 (25.03.2004)
(25) ja (26) ja
(30) 2003-088457 27 Mar/mar 2003 JP
(27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PLASMA DISPLAY PANEL
• PANNEAU D'AFFICHAGE PLASMA
(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) TACHIBANA, HiroyukiFUJITANI,
MorioNISHIO, TsuyoshiANDO, Toru-
MIZUNO, Koichi
(74) IWAHASHI, Fumio et al. / etc.; c/o Mat-
sushita Electric Industrial Co., Ltd. 1006,
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(JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/00
(11) WO 2004/086444 (13) A1
(21) PCT/JP2004/003941
(22) 23 Mar/mar 2004 (23.03.2004)
(25) ja (26) ja
(30) 2003-080304 24 Mar/mar 2003 JP
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PLASMA DISPLAY PANEL
• ECRAN A PLASMA
(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
- (for all designated States except / pour tous
les États désignés sauf US)
(72, 75) TACHIBANA, HiroyukiKOSUGI,
NaokiWAKABAYASHI, Toshikazu,
(74) IWAHASHI, Fumio, et al. / etc.; c/o Mat-
sushita Electric Industrial Co., Ltd. 1006,
Oaza Kadoma, Kadoma-shi, Osaka, 5718501
(JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/00
(11) WO 2004/086446 (13) A1
(21) PCT/JP2004/004141
(22) 25 Mar/mar 2004 (25.03.2004)
(25) ja (26) ja
(30) 2003-088460 27 Mar/mar 2003 JP
(27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PLASMA DISPLAY PANEL
• ECRAN D'AFFICHAGE A PLASMA
(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) TACHIBANA, HiroyukiKOSUGI,
NaokiNISHIO, TsuyoshiNISHIMURA,
Masaki
(74) IWAHASHI, Fumio et al. / etc.; c/o Mat-
sushita Electric Industrial Co., Ltd. 1006,
Oaza Kadoma, Kadoma-shi, Osaka, 5718501
(JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/02
(11) WO 2004/086447 (13) A1
(21) PCT/JP2004/004143
(22) 25 Mar/mar 2004 (25.03.2004)
(25) ja (26) ja
(30) 2003-088459 27 Mar/mar 2003 JP
(27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PLASMA DISPLAY PANEL
• ECRAN D'AFFICHAGE A PLASMA
(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) TACHIBANA, HiroyukiMU-
RAKOSO, TomohiroNOGUCHI, Ya-
suyukiSHIRAI, Tetsuya
(74) IWAHASHI, Fumio et al. / etc.; c/o
Matsushita Electric Industrial Co., Ltd.,
1006, Oaza Kadoma, Kadoma-shi, Osaka,
5718501 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/02

(11) WO 2004/086448 (13) A1

(21) PCT/JP2004/004171

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-088458 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLASMA DISPLAY PANEL

• ECRAN A PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TACHIBANA, HiroyukiFUJITANI, MorioNOGUCHI, YasuyukiSHIRAI, Tet-suya

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/49

(11) WO 2004/086449 (13) A1

(21) PCT/KR2004/000690

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ko (26) en

(30) 10-2003-0018704 26 Mar/mar 2003 KR
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FRONT PANEL FOR PLASMA DISPLAY PANEL OF HIGH EFFICIENCY CONTAINING NANOTIPS, AND PROCESS FOR PREPARATION OF THE SAME

• PANNEAU AVANT D'ECRAN AU PLASMA HAUTE EFFICACITE EQUIPE DE NANO-EXTREMITES, ET PROCEDE D'ELABORATION

(71) AMMTRON CO. LTD. [KR/KR]; 5F., Jeonjahyeopdong Bldg., 371-51, Gasan-dong, Geumcheon-gu, Seoul 153-803 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Yong Seog [KR/KR]; 1429-601, Mokdongsinsigaji Apt., Sinjeong-dong, Yangcheon-gu, Seoul 158-070 (KR). CHO,

Sung Won [KR/KR]; 102-1604, Seonsahyundai Apt., Amsa 2-dong, Gangdong-gu, Seoul 134-052 (KR).

(74) SOHN, Chang Kyu; 4F., Halla Bldg., 641-17, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/07

(11) WO 2004/086450 (13) A1

(21) PCT/FR2004/050108

(22) 15 Mar/mar 2004 (15.03.2004)

(25) fr (26) fr

(30) MI2003A000527 19 Mar/mar 2003 IT
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MASKING DEVICE FOR A CATHODE RAY TUBE

• DISPOSITIF DE MASQUAGE POUR TUBE A RAYONS CATHODIQUES

(71) THOMSON Licensing S.A. [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE MARINO, Massimo [IT/IT]; Corso Filipo Turati, 80, I-00034 COLLEFERRO (IT). BERTON, Fabrizio [IT/IT]; Via Oscar Sinigaglia, 40, I-00143 ROMA (IT). ARATA, Enzo [IT/IT]; Via delle Sorbe N° 4, I-00034 COLLEFERRO (IT).

(74) RUELLAN-LEMONNIER, Brigitte; THOMSON, European Patent Operations, 46, quai Alphonse Le Gallo, F-92648 BOULOGNE cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 37/00

(11) WO 2004/086451 (13) A2

(21) PCT/US2004/006456

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/249,202 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLASMA GENERATION USING MULTI-STEP IONIZATION

• GENERATION DE PLASMA PAR IONISATION EN PLUSIEURS ETAPES

(71) ZOND, INC. [US/US]; 137A High Street, Mansfield, MA 02048 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHISTYAKOV, Roman [US/US]; 137A High Street, Mansfield, MA 02048 (US).

(74) RAUSCHENBACH, Kurt; P.O. Box 387, Bedford, MA 01730 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 37/147, 37/28, 37/317

(11) WO 2004/086452 (13) A2

(21) PCT/EP2004/002841

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03006716.9 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CHARGED PARTICLE BEAM DEVICE WITH DETECTION UNIT SWITCH AND METHOD OF OPERATION THEREOF

• DISPOSITIF A FAISCEAUX DE PARTICULES CHARGEES, A COMMUTEUR D'UNITE DE DETECTION ET PROCEDE D'EXPLOITATION CORRESPONDANT

(71) ICT, INTEGRATED CIRCUIT TESTING GESELLSCHAFT FÜR HALBLEITER-PRÜFTECHNIK MBH [DE/DE]; Ammerthalstr. 20a, 85551 Heimstetten (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FROSIEN, Juergen [DE/DE]; Kufsteinerstr. 16a, 85521 Riemerling (DE).

(74) ZIMMERMANN, Gerd et al. / etc.; Zimmermann & Partner, P.O. Box 330 920, 80069 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 61/52, G03B 21/14, H01J 61/073,
61/35, 61/36, 61/30

(11) WO 2004/086453 (13) A1

(21) PCT/JP2004/004110

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-079437 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ILLUMINATION DEVICE AND PRO-
JECTOR WITH THE SAME

• DISPOSITIF D'ECLAIRAGE ET PRO-
JECTEUR EQUIPE DE CE DISPOSITIF

(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku,
Tokyo, 1630811 (JP).

(72) TAKEZAWA, Takeshi; c/o SEIKO EPSON
CORPORATION 3-5, Owa 3-Chome Suwa-
Shi, Nagano, 3928502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o
Intellectual Property Division SEIKO EP-
SON CORPORATION 3-5, Owa 3-Chome,
Suwa-Shi, Nagano, 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01K

(11) WO 2004/086454 (13) A2

(21) PCT/IB2004/050311

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100808.9 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HALOGEN DUAL-BEAM LAMP

• LAMPE HALOGENE A DOUBLE FAIS-
CEAU

(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 RIJSWICK, Mathias, H., J.
[NL/NL]; Prof. Holstlaan 6, NL-5656 AA

Eindhoven (NL). VAN OERS, Denis, J., C.
[NL/NL]; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL). VAN DER PUTTEN, An-
dreas, M., T., P. [NL/NL]; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H01K

(11) WO 2004/086455 (13) A2

(21) PCT/IB2004/050312

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100811.3 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HALOGEN DUAL-BEAM LAMP

• LAMPE HALOGENE A DOUBLE FAIS-
CEAU

(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 RIJSWICK, Mathias, H., J.; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). VAN OERS, Denis, J., C. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). VAN DER PUTTEN, Andreas,
M., T., P. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 2004/086456 (13) A2

(21) PCT/US2004/006305

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/393,583 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOW POWER IMPLEMENTATION FOR
INPUT SIGNALS OF INTEGRATED
CIRCUITS

• VERSION A FIABLE PUISSANCE
POUR SIGNAUX D'ENTREE DE CIR-
CUITS INTEGRES

(71) ATMEL CORPORATION [US/US]; 2325
Orchard Parkway, San Jose, CA 95131 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) KAO, Oliver, C.; 8085 Hyannisport Drive,
Cupertino, CA 95104 (US).

(74) SCHNECK, Thomas; Schneck & Schneck,
P. O. Box 2-E, San Jose, CA 95109-0005
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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

(11) WO 2004/086457 (13) A2

(21) PCT/US2004/008351

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/456,975 22 Mar/mar 2003 US
(22.03.2003)(30) 10/249,238 25 Mar/mar 2003 US
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CAPACITANCE MANOMETER HAVING A RELATIVELY THICK FLUSH DIAPHRAGM UNDER TENSION TO PROVIDE LOW HYSTERESIS

- MANOMETRE CAPACITIF COMPORTANT UN DIAPHRAGME ENCASTRE RELATIVEMENT EPAIS SOUS TENSION POUR PRODUIRE UNE FAIBLE HYSTERESIS

(71) HORIBA STEC, INC. [US/US]; 17671 Armstrong Avenue, Irvine, CA 92614 (US).

(72) FERRAN, Robert, J.; 2416 Deerpark Drive, San Diego, CA 92110 (US).

(72) ROHRBACH, Daniel, M.; P.O. Box 177002, San Diego, CA 92110 (US). OSWALD, Michael; 9169 Village Glen Drive, Unit 2, San Diego, CA 92123 (US).
(only for / seulement pour US)

(74) SWIENTON, Brian, F.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086458 (13) A2

(21) PCT/US2004/008402

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/392,983 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRONIC DEVICE INCLUDING A SELF-ASSEMBLED MONOLAYER, AND A METHOD OF FABRICATING THE SAME

- DISPOSITIF ELECTRONIQUE INCLUANT UNE MONOCOUCHE ASSEMBLEE AUTOMATIQUEMENT, ET PROCEDE DE FABRICATION DUDIT DISPOSITIF

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

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(72, 75) KAGAN, Cherie, Renee [US/US]; 43 Waterview Drive, Ossining, NY 10562 (US). MARTEL, Richard [CA/CA]; 7812 Drolet, Montreal, Quebec H2R-2C7 (CA).

(74) CHEUNG, Wan, Yee et al. / etc.; Staff Attorney-IP, Law Department, International Business Machines Corporation, Thomas J. Watson Research Center, P.O.Box 218, Yorktown Heights, NY 10598-0218 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086459 (13) A2

(21) PCT/US2004/008633

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/396,587 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR MAKING TAPERED OPENING FOR PROGRAMMABLE RESISTANCE MEMORY ELEMENT

- PROCEDE DE FABRICATION D'OUVERTURE EFFILEE POUR ELEMENT DE MEMOIRE A RESISTANCE PROGRAMMABLE

(71) OVONYX, INC. [US/US]; 1090 Boeing Street, Boise, ID 83706 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) MAIMON, Jon; 7867 Sly Fox Lane, Manassas, VA 20112 (US). RODGERS, John; 4205 Maple Avenue, Fairfax, VA 22032 (US).

(74) SCHLAZER, Philip, H. et al. / etc.; Energy Conversion Devices, Inc., 2956 Waterview Drive, Rochester Hills, MI 48309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086460 (13) A2

(21) PCT/US2004/008724

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,775 21 Mar/mar 2003 US
(21.03.2003)(30) 60/456,770 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEMS FOR SINGLE- OR MULTI-PERIOD EDGE DEFINITION LITHOGRAPHY

- PROCEDES ET SYSTEMES POUR LA LITHOGRAPHIE DE DEFINITION DE BORDS A UNE PERIODE OU A PLUSIEURS PERIODES

(71) NORTH CAROLINA STATE UNIVERSITY [US/US]; 2401 Research Drive, Suite 1122, Campus Box 8210, Raleigh, NC 27695-8210 (US).

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(72, 75) JOHNSON, Mark, Allan, Lamonte [US/US]; 1023 West South Street, Raleigh, NC 27603 (US). BARLAGE, Douglas, William [US/US]; 2809 Montcastle Court, Durham, NC 27705 (US).

(74) HUNT, Gregory, A.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086461 (13) A2

(21) PCT/US2004/008725

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,770 21 Mar/mar 2003 US
(21.03.2003)(30) 60/456,775 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS FOR NANOSCALE STRUCTURES FROM OPTICAL LITHOGRAPHY AND SUBSEQUENT LATERAL GROWTH

- PROCEDES POUR CREER DES NANOSTRUCTURES PAR LITHOGRAPHIE OPTIQUE PUIS PAR CROISSANCE LATERALE

(71) NORTH CAROLINA STATE UNIVERSITY [US/US]; 2401 Research Drive, Suite

- 1122, Campus Box 8210, Raleigh, NC 27695-8210 (US).
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- (72, 75) **JOHNSON, Mark, Alan, Lamonte** [US/US]; 1023 West South Street, Raleigh, NC 27603 (US). **BARLAGE, Douglas, William** [US/US]; 2809 Montcastle Court, Durham, NC 27705 (US). **MUTH, John, Franklyn** [US/US]; 115 Beasley Court, Cary, NC 27513 (US).
- (74) **WILSON, Jeffrey, L.; Jenkins, Wilson & Taylor, P.A., University Tower, Suite 1400, 3100 Tower Boulevard, Durham, NC 27707 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086462 (13) A2
(21) PCT/US2004/008812
(22) 23 Mar/mar 2004 (23.03.2004)
(25) en (26) en
(30) 10/395,823 24 Mar/mar 2003 US (24.03.2003)
(30) 10/723,554 26 Nov/nov 2003 US (26.11.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PHOTOVOLTAIC CELL WITH MESH ELECTRODE
• CELLULE PHOTOVOLTAIQUE AVEC ELECTRODE A MAILLES
(63) US 10723,554 (CON) 26 Nov/nov 2003 (26.11.2003)
(71) **KONARKA TECHNOLOGIES, INC.** [US/US]; 100 Foot of John Street, Lowell, MA 01852 (US).
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- (72, 75) **GAUDIANA, Russell** [US/US]; 2 Penrose Lane, Merrimack, NH 03054 (US). **MONTELLO, Alan** [US/US]; 10 Albion Lane, West Newbury, MA 01985 (US).
- (74) **LEE, G., Roger; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
(11) WO 2004/086463 (13) A2
(21) PCT/US2004/008904
(22) 24 Mar/mar 2004 (24.03.2004)
(25) en (26) en
(30) 60/457,820 24 Mar/mar 2003 US (24.03.2003)
(30) 10/806,688 23 Mar/mar 2004 US (23.03.2004)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • HIGH VOLTAGE OFFSET DETECTION CIRCUIT AND METHOD
• CIRCUIT ET PROCEDE DE DETECTION DE DECALAGE DE HAUTE TENSION
(71) **INTERNATIONAL RECTIFIER CORPORATION** [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILHELM, Dana** [US/US]; 9413 Pentland Street, Temple City, CA 91780 (US).
- (74) **WEINER, Samuel, H. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
(11) WO 2004/086464 (13) A2
(21) PCT/US2004/008925
(22) 24 Mar/mar 2004 (24.03.2004)
(25) en (26) en
(30) 10/395,823 24 Mar/mar 2003 US (24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PHOTOVOLTAIC CELLS UTILIZING MESH ELECTRODES
• CELLULES PHOTOVOLTAIQUES UTILISANT DES ELECTRODES A MAILLES
(63) US 10/395,823 (CON) 24 Mar/mar 2003 (24.03.2003)
(71) **KONARKA TECHNOLOGIES, INC.** [US/US]; 100 Foot of John Street, Lowell, MA 01852 (US).
-
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAUDIANA, Russell** [US/US]; 2 Penrose Lane, Merrimack, NH 03054 (US). **ECKERT, Robert, D.** [US/US]; 70 Burlington Street, Lexington, MA 02420 (US). **MONTELLO, Alan** [US/US]; 10 Albion Lane, West Newbury, MA 01985 (US). **MONTELLO, Edmund** [US/US]; 1 Back Beach Way, Rockport, MA 01966 (US).
- (74) **LEE, G., Roger; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/086465 (13) A2
(21) PCT/US2004/008942
(22) 24 Mar/mar 2004 (24.03.2004)
(25) en (26) en
(30) 10/395,940 24 Mar/mar 2003 US (24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHODS AND APPARATUS FOR HIGH SPEED OBJECT HANDLING
• PROCEDES ET APPAREIL DE MANIPULATION D'OBJETS A GRANDE VITESSE
(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) **LARSEN, Grant, Kenji** [US/US]; 372 Essex Avenue, Gloucester, MA 01930 (US).
- (74) **McCLELLAN, William, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/086466 (13) A2

(21) PCT/US2004/008944

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,834 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR MONITORING CONTAMINATION
• SYSTEME ET PROCEDE DE SURVEILLANCE DE CONTAMINATION(63) US 10/395,834 (CON)
24 Mar/mar 2003 (24.03.2003)(71) EXTRACTION SYSTEMS, INC. [US/US]; 10 Forge Park, Franklin, MA 02038 (US).
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(72, 75) KISHKOVICH, Oleg, P. [US/US]; 45A Austin Street, Greenville, RI 02828 (US). KINKEAD, Devon [US/US]; 86 Briarcliff Lane, Holliston, MA 01746 (US). PHELPS, Mark, C. [US/US]; 377 Handy Street, Attleboro, MA 02703 (US). GOODWIN, William, M. [US/US]; 5 Brookside Road, Medway, MA 02052 (US). RUEDE, David, J. [US/US]; 80 Brookway Drive, Northbridge, MA 01534 (US). GRAYFER, Anatoly [US/US]; 9 Kerr Path, Newton, MA 02458 (US). PETERSEN, Robert [US/US]; 30 Nashoba Road, Acton, MA 01720 (US).

(74) HOOVER, Thomas, O. et al. / etc.; Bowditch & Dewey, LLP, 161 Worcester Road, Framingham, MA 01701-9320 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G03F 7/20, G21K 1/00, 5/02, H05G 1/00, H05H 1/24, H01J 35/08

(11) WO 2004/086467 (13) A1

(21) PCT/JP2003/016947

(22) 26 Dec/déc 2003 (26.12.2003)

(25) ja (26) ja

(30) 2003-85584 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXTREME ULTRAVIOLET LIGHT SOURCE AND TARGET FOR EXTREME ULTRAVIOLET LIGHT SOURCE

• SOURCE DE LUMIERE A ULTRA-VIOLET LOINTAIN ET CIBLE POUR CETTE SOURCE DE LUMIERE

(71) KANSAI TECHNOLOGY LICENSING ORGANIZATION CO., LTD. [JP/JP]; 93, Chudoji Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8815 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAI, Keiji [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). NISHIMURA, Hiroaki [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). NORIMATSU, Takayoshi [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). NISHIHARA, Katsunobu [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). MIYANAGA, Noriaki [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). NAKATSUKA, Masahiro [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). IZAWA, Yasukazu [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). YAMANAKA, Tatsuhiko [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). NAKAI, Mitsuo [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). SHIGEMORI, Keisuke [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). MURAKAMI, Masakatsu [JP/JP]; c/o Institute of Laser Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). SHIMADA, Yoshinori [JP/JP]; c/o Institute of Laser Technology, 1-8-4 Utsubo Honmachi, Nishiku Osaka, Osaka 550-0004 (JP). UCHIDA, Shigeaki [JP/JP]; c/o Institute for Laser Technology, 1-8-4 Utsubo Honmachi, Nishiku Osaka, Osaka 550-0004 (JP). FURUKAWA, Hiroyuki [JP/JP]; c/o Institute for Laser Technology, 1-8-4 Utsubo Honmachi, Nishiku Osaka, Osaka 550-0004 (JP). SUNAHARA, Atsushi [JP/JP]; c/o Institute for Laser Technology, 1-8-4 Utsubo Honmachi, Nishiku Osaka, Osaka 550-0004 (JP). ZHAKHOVSKI, Vasilii [RU/JP]; c/o Institute for Laser Technology, 1-8-4 Utsubo Honmachi, Nishiku Osaka, Osaka 550-0004 (JP). MATSUI, Ryouji [JP/JP]; c/o Graduate School of Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). HIBINO, Takahiro [JP/JP]; c/o Graduate School of Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP). OKUNO, Tomoharu [JP/JP]; c/o Graduate School of Engineering Osaka University, 2-6 Yamada-oka, Suita, Osaka 565-0871 (JP).

(74) KOBAYASI, Ryohei; Kobayasi Patent & Trademark, 7th Floor, Hogenshijokarasuma Building, 37, Motoakuoji-cho, Higashino-toindori Shijo Sagaru, Shimogyo-ku, Kyoto-shi, Kyoto 600-8091 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G03F 7/20

(11) WO 2004/086468 (13) A1

(21) PCT/JP2004/002295

(22) 26 Feb/fév 2004 (26.02.2004)

(25) ja (26) ja

(30) 2003-049365 26 Feb/fév 2003 JP
(26.02.2003)(30) 2003-110748 15 Apr/avr 2003 JP
(15.04.2003)(30) 2003-320100 11 Sep/sep 2003 JP
(11.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXPOSURE APPARATUS AND METHOD, AND METHOD OF PRODUCING APPARATUS

• APPAREIL ET PROCEDE D'EXPOSITION, PROCEDE DE PRODUCTION DE L'APPAREIL

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
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(72, 75) NAGASAKA, Hiroyuki [JP/JP]; Nikon Corporation 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). OWA, Soichi [JP/JP]; Nikon Corporation 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8331 (JP). NISHII, Yasufumi [JP/JP]; Nikon Corporation 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) KAWAKITA, Kijuro; Shinjuku MM Building 1-15, Shinjuku 5-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, 21/68, G03F 7/20, 7/16, G06F 13/10, 13/14

(11) WO 2004/086469 (13) A1

(21) PCT/JP2004/002497

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-056572 **4 Mar/mar 2003** JP
(04.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INLINE CONNECTION SETTING METHOD AND DEVICE AND SUBSTRATE PROCESSING DEVICE AND SUBSTRATE PROCESSING SYSTEM

• PROCEDE ET DISPOSITIF D'ETABLISSEMENT D'UNE CONNEXION EN LIGNE ET DISPOSITIF ET SYSTEME 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) WADA, Shigeki [JP/JP]; c/o Tokyo Electron Kyushu Limited, Koshi Plant, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP).

(74) TAKAYAMA, Hiroshi; Shin-Yokohama IC Building, 6th Floor, 18-9, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027, G03F 7/20

(11) WO 2004/086470 (13) A1

(21) PCT/JP2004/003928

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-83329 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXPOSURE SYSTEM AND DEVICE PRODUCTION METHOD

• SYSTEME D'EXPOSITION ET PROCEDE DE PRODUCTION DE DISPOSITIFS

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
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(72, 75) KAMEYAMA, Masaomi [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/027

(11) WO 2004/086471 (13) A1

(21) PCT/KR2003/001210

(22) 19 Jun/juin 2003 (19.06.2003)

(25) ko (26) en

(30) 10-2003-0019310 **27 Mar/mar 2003** KR
(27.03.2003)

(30) 10-2003-0033494 **26 May/mai 2003** KR
(26.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • UV NANOIMPRINT LITHOGRAPHY PROCESS USING ELEMENTWISE EMBOSSED STAMP AND SELECTIVELY ADDITIVE PRESSURIZATION

• PROCEDE DE LITHOGRAPHIE A NANO-IMPRESSIION PAR ULTRA-VIOLET, UTILISANT UN POINCON A ELEMENTS ET UNE PRESSURISATION ADDITIONNELLE SELECTIVE

(71) KOREA INSTITUTE OF MACHINERY & MATERIALS [KR/KR]; 171, Jang-dong, Youseong-ku, 305-343 Daejeon-city (KR).

(72) JEONG, Jun-Ho; 411-1602, Yeolmae maoul, 858, Jijok-dong, Youseong-ku, 305-330 Daejeon-city (KR). SOHN, Hyon-Kee; 202, Eunji Villa, 208-3, Sinsung-dong, Youseong-ku, 305-345 Daejeon-city (KR). SIM, Young-Suk; 251-18, Guui 1-dong, Kwangjin-ku, 143-201 Seoul (KR). SHIN, Young-Jae; 6-102, Gongdongkwanri Apt., Doryong-dong, Youseong-ku, 305-340 Daejeon-city (KR). LEE, Eung-Sug; 171, Jang-dong, Youseong-ku, 305-343 Daejeon-city (KR). WHANG, Kyung-Hyun; 108-605, Clover Apt., Dunsan-dong, Seo-ku, 302-120 Daejeon-city (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(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 H01L 21/20, C30B 29/06

(11) WO 2004/086472 (13) A1

(21) PCT/IB2004/050333

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03100821.2 **28 Mar/mar 2003** EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF EPITAXIAL DEPOSITION OF AN N-DOPED SILICON LAYER

• PROCEDE DE FABRICATION D'UN DISPOSITIF SEMICONDUCTEUR, DISPOSITIF SEMICONDUCTEUR AINSI OBTENU ET APPAREIL POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(71) INTERUNIVERSITAIR MICROELEKTRONICA CENTRM VZW [BE/BE]; Kapeldreef 75, B-3001 Leuven (BE).
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(72, 75) MEUNIER-BEILLARD, Philippe [FR/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CAYMAX, Mathieu, R., J. [BE/BE]; c/o Kapeldreef 75, B-3001 Leuven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/20, 21/205

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(21) PCT/US2004/007911

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/392,338 **19 Mar/mar 2003** US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF PRODUCING HIGH QUALITY RELAXED SILICON GERMANIUM LAYERS

• PROCEDE DE PRODUCTION DE COUCHES DE SILICIUM-GERMANIUM RELAXEES DE HAUTE QUALITE

(71) AMBERWAVE SYSTEMS CORPORATION [US/US]; 13 Garabedian Drive, Salem, NH 03079 (US).

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(72, 75) FITZGERALD, Eugene, A. [US/US]; 7 Camelot Road, Windham, NH 03087 (US). WESTHOFF, Richard [US/US]; 17 Schaefer Circle, Hudson, NH 03051 (US). CURRIE, Matthew, T. [US/US]; 8 Fletcher Road, Windham, NH 03087 (US). VINEIS, Christopher, J. [US/US]; 195 Binney Street, Apt. 4302, Cambridge, MA 02142 (US). LANGDO, Thomas, A. [US/US]; 195 Binney Street, Apt. 4302, Cambridge, MA 02142 (US).

(74) **BELOBORODOV, Mark, L.**; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 21/205, 21/31, 21/22, C23C 16/44, B01J 3/00, 3/02**

(11) **WO 2004/086474** (13) A1

(21) PCT/JP2004/002731

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) ja (26) ja

(30) 2003-83179 **25 Mar/mar 2003 JP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTAINER, CONTAINER PRODUCING METHOD, SUBSTRATE PROCESSING DEVICE, AND SEMICONDUCTOR DEVICE PRODUCING METHOD

• CONTENANT, PROCEDE D'ELABORATION, DISPOSITIF DE TRAITEMENT DE SUBSTRAT, ET PROCEDE D'ELABORATION DE DISPOSITIF A SEMICONDUCTEURS

(71) **HITACHI KOKUSAI ELECTRIC INC.** [JP/JP]; 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP).
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(72, 75) **SHIMURA, Kazuhiro** [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP).

(74) **KAJIWARA, Tatuya**; 1-201, Central Nishi-Shinjuku, 9-5, Nishi-Shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/205**

(11) **WO 2004/086475** (13) A1

(21) PCT/JP2004/003737

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) ja (26) ja

(30) 2003-084747 **26 Mar/mar 2003 JP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUBSTRATE TREATING APPARATUS AND PROCESS FOR PRODUCING SEMICONDUCTOR DEVICE

• APPAREIL DE TRAITEMENT DE SUBSTRAT ET PROCEDE DE PRODUCTION DE DISPOSITIF A SEMI-CONDUCTEURS

(71) **HITACHI KOKUSAI ELECTRIC INC.** [JP/JP]; 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 1648511 (JP).
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(72, 75) **NODA, Takaaki** [JP/JP]; C/O Hitachi Kokusai Electric Inc. 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo, 1648511 (JP). **MORIYA, Atsushi** [JP/JP]; C/O Hitachi Kokusai Electric Inc. 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo, 1648511 (JP).

(74) **PATENT RELATED CORPORATION IPS**; 12F, Yokohama Creation Square, 5-1, Sakae-cho, Kanagawa-ku, Yokohama-city, Kanagawa 2210052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/285, C23C 14/34**

(11) **WO 2004/086476** (13) A1

(21) PCT/JP2003/003600

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EQUIPMENT AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

• EQUIPEMENT ET PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) **MIURA, Kazutaka** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **NODA, Shozo** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka

4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **KOKUBUN, Takayoshi**; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP KR US.

(51)⁷ **H01L 21/304**

(11) **WO 2004/086477** (13) A1

(21) PCT/KR2004/000630

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10-2003-0018987 **26 Mar/mar 2003 KR (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PAD CONDITIONERS AND FABRICATION METHODS THEREOF

• CONDITIONNEURS DE TAMPONS A POLIR ET LEURS PROCEDES DE FABRICATION

(71) **DDDIA CORPORATION** [KR/KR]; DI Building, 5th Floor, 58-6 Nonhyun-dong, Gangnam-gu, Seoul 135-010 (KR).
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(72, 75) **CHEONG, Man-Seop** [KR/KR]; 107-101, Shinhan Apt., Jeongwang-dong, Siheung-si, Gyeonggi-do 429-450 (KR).

(74) **PARK, Sang-Soo**; Suite 1810, Hwanghwa Bldg., 832-7 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/3065**

(11) **WO 2004/086478** (13) A1

(21) PCT/JP2004/003693

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) ja (26) ja

(30) 2003-082740 **25 Mar/mar 2003 JP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF ETCHING SILICON SUBSTRATE AND ETCHING APPARATUS THEREFOR

• PROCEDE DE GRAVURE DE SUBSTRAT EN SILICIUM ET APPAREIL DE GRAVURE PREVU A CET EFFET

(71) **SUMITOMO PRECISION PRODUCTS CO., LTD.** [JP/JP]; 1-10, Fusu-cho, Amagasaki-shi, Hyogo 6600891 (JP).
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(72, 75) **NOZAWA, Yoshiyuki** [JP/JP]; c/o Sumitomo Precision Products Co., Ltd., 1-10, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP). **KASAI, Kazuo** [JP/JP]; c/o Sumitomo Precision Products Co., Ltd., 1-10, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP). **KOUNO, Hiroaki** [JP/JP]; c/o Sumitomo Precision Products Co., Ltd., 1-10, Fuso-cho, Amagasaki-shi, Hyogo 6600891 (JP).

(74) **MURAKAMI, Satoshi**; Room 804, Rise 88 Bldg., 1-10, Honjo-Higashi 1-chome, Kita-ku, Osaka-shi, Osaka 5310074 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 21/205, C23C 16/455

(11) WO 2004/086479 (13) A1

(21) PCT/JP2003/015677

(22) 8 Dec/déc 2003 (08.12.2003)

(25) ja (26) ja

(30) 2003-079503 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SUBSTRATE TREATING APPARATUS WITH INCREASED PURGE EFFICIENCY

• APPAREIL DE TRAITEMENT DE SUBSTRAT A EFFICACITE DE PURGE AMELIOREE

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 107-8481 (JP).

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(72, 75) **SHINRIKI, Hiroshi** [JP/JP]; 30-10, Nakai-Cho 2-Chome, Matsudo-Shi, Chiba 270-2242 (JP). **SUZUKI, Mikio** [JP/JP]; c/o Tokyo Electron At Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN KR US.

(51)⁷ H01L 21/31, 21/3065

(11) WO 2004/086480 (13) A1

(21) PCT/JP2004/004016

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083293 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CLEANING PLASMA PROCESSING APPARATUS AND PLASMA PROCESSING APPARATUS

• PROCEDE DE PURIFICATION D'UN APPAREIL DE TRAITEMENT AU PLASMA ET APPAREIL DE TRAITEMENT AU PLASMA

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIKAWA, Hiraku** [JP/JP]; c/o TOKYO ELECTRON LIMITED 1-8, Fuso-cho, Amagasaki city, Hyogo, 6600891 (JP). **KAWAMURA, Kohei** [JP/JP]; c/o TOKYO ELECTRON LIMITED 650, Mitsuzawa, Hosaka-cho, Nirasaki city, Yamanashi, 4070192 (JP). **KOBAYASHI, Yasuo** [JP/JP]; c/o TOKYO ELECTRON LIMITED 650, Mitsuzawa, Hosaka-cho, Nirasaki city, Yamanashi, 4070192 (JP).

(74) **KANEMOTO, Tetsuo et al.** / etc.; Kanemoto, Kameya, Hagiwara and Inoue, Shinjuku Akebonobashi Building, 1-12, Sumiyoshi-cho, Shinjuku-ku, Tokyo, 1620065 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/086481 (13) A1

(21) PCT/JP2004/004076

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083692 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FILM FORMATION APPARATUS

• APPAREIL DE FORMATION DE FILM

(71) **ROHM CO., LTD.** [JP/JP]; 21, Mizosaki-cho, Saiin, Ukyo-ku, Kyoto-shi, Kyoto 6158585 (JP). **RENESAS TECHNOLOGY CORP.** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). **HORIBA, LTD.** [JP/JP]; 2, Miyahogashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 6018510 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP).

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(72, 75) **IWAMOTO, Kunihiko** [JP/JP]; c/o Rohm Co., Ltd., 21, Mizosaki-cho, Saiin, Ukyo-ku, Kyoto-shi, Kyoto 6158585 (JP). **NABATAME, Toshihide** [JP/JP];

c/o Renesas Technology Corp., Intellectual Property Div., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). **TOMINAGA, Koji** [JP/JP]; c/o Horiba, Ltd., 2, Miyahogashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 6018510 (JP). **YASUDA, Tetsuji** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 3058562 (JP).

(74) **MORISHITA, Sakaki**; 2-11-12, Ebisu-Nishi, Shibuya-ku, Tokyo 1500021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 16/44

(11) WO 2004/086482 (13) A1

(21) PCT/JP2004/004205

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083527 25 Mar/mar 2003 JP (25.03.2003)

(30) 2003-371322 30 Oct/oct 2003 JP (30.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CLEANING THIN-FILM FORMING APPARATUS

• PROCEDE DE NETTOYAGE D'UN APPAREIL DE FORMATION DE FILMS MINCES

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEBE, Kazuhide** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). **OKADA, Mitsuhiro** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). **CHIBA, Takashi** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). **OGAWA, Jun** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(74) **YOSHITAKE, Kenji et al.** / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/314, 21/31

(11) WO 2004/086483 (13) A1

(21) PCT/JP2004/004070

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083292 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2004-076958 17 Mar/mar 2004 JP
(17.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLASMA FILM-FORMING METHOD
AND PLASMA FILM-FORMING AP-
PARATUS

• PROCEDE DE FORMATION DE FILM
A PLASMA ET APPAREIL DE FORMA-
TION DE FILM A PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP];
3-6, Akasaka 5-chome, Minato-ku, Tokyo
1078481 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOBAYASHI, Yasuo [JP/JP]; c/o
Tokyo Electron Limited, 650, Mitsuzawa,
Hosaka-cho, Nirasaki-shi, Yamanashi
4070192 (JP). KAWAMURA, Kohei
[JP/JP]; c/o Tokyo Electron Limited, 650,
Mitsuzawa, Hosaka-cho, Nirasaki-shi, Ya-
manashi 4070192 (JP). ASANO, Akira
[JP/JP]; c/o Tokyo Electron Limited, 650,
Mitsuzawa, Hosaka-cho, Nirasaki-shi, Ya-
manashi 4070192 (JP). TERAII, Yasuhiro
[JP/JP]; c/o Tokyo Electron Limited, 650,
Mitsuzawa, Hosaka-cho, Nirasaki-shi,
Yamanashi 4070192 (JP). NISHIZAWA,
Kenichi [JP/JP]; c/o Tokyo Electron Limited,
650, Mitsuzawa, Hosaka-cho, Nirasaki-shi,
Yamanashi 4070192 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa
Patent & Law Office, Room 323, Fuji Bldg.,
2-3, Marunouchi 3-chome, Chiyoda-ku,
Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, 29/78, 21/336, 27/04, 21/822

(11) WO 2004/086484 (13) A1

(21) PCT/JP2003/003510

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEMICONDUCTOR DEVICE AND
METHOD FOR FABRICATING THE
SAME

• DISPOSITIF A SEMI-CONDUCTEUR
ET PROCEDE DE FABRICATION COR-
RESPONDANT

(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) SUGITA, Yoshihiro [JP/JP]; c/o FU-
JITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) KOKUBUN, Takayoshi; 5th Floor, Ike-
bukuro TG homest Building, 17-8, Hi-
gashi-Ikebukuro 1-chome, Toshima-ku,
Tokyo 170-0013 (JP).

(81) CN JP KR US.

(51)⁷ H01L 21/316, 21/318

(11) WO 2004/086485 (13) A1

(21) PCT/JP2004/003638

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-79279 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR FORMING INSULAT-
ING FILM IN SEMICONDUCTOR
DEVICE

• PROCEDE DE FORMATION DE FILM
ISOLANT DANS UN DISPOSITIF SE-
MICONDUCTEUR

(71) HORIBA, LTD. [JP/JP]; 2, Miyano-
gashi-cho, Kisshoin, Minami-ku, Kyoto-shi,
Kyoto 601-8510 (JP). NATIONAL INSTI-
TUTE OF ADVANCED INDUSTRIAL
SCIENCE AND TECHNOLOGY [JP/JP];
3-1, Kasumigaseki 1-chome, Chiyoda-ku,
Tokyo 100-8921 (JP). RENESAS TECH-
NOLOGY CORP. [JP/JP]; 4-1, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-6334
(JP). 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) TOMINAGA, Koji [JP/JP]; c/o Horiba,
Ltd., 2, Miyanoigashi-cho, Kisshoin,
Minami-ku, Kyoto-shi, Kyoto 601-8510
(JP). YASUDA, Tetsuji [JP/JP]; c/o Na-
tional Institute of Advanced, Industrial
Science and Technology, 1-1, Higashi
1-chome, Tsukuba-shi, Ibaraki 305-8562
(JP). NABATAME, Toshihide [JP/JP]; c/o
Renesas Technology Corp., 4-1, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).
IWAMOTO, Kunihiko [JP/JP]; c/o Rohm
Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku,
Kyoto-shi, Kyoto 615-8585 (JP).

(74) FUJIMOTO, Hideo; Daihatsu Building 5th
Floor, 2-40, Katamachi 2-chome, Miyako-
jima-ku, Osaka-shi, Osaka 534-0025 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 H01L 21/316, B01J 19/00, C01B 13/32

(11) WO 2004/086486 (13) A1

(21) PCT/JP2004/004312

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-085193 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESS FOR PRODUCING DIELEC-
TRIC INSULATING THIN FILM, AND
DIELECTRIC INSULATING MATE-
RIAL

• PROCEDE SERVANT A FABRIQUER
UNE COUCHE MINCE ISOLANTE
DIELECTRIQUE ET MATERIAU ISO-
LANT DIELECTRIQUE

(71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi,
Saitama, 3510198 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUNITAKE, Toyoki [JP/JP]; c/o
RIKEN, 2-1, Hirosawa, Wako-shi, Saitama,
3510198 (JP). AOKI, Yoshitaka [JP/JP]; c/o
RIKEN, 2-1, Hirosawa, Wako-shi, Saitama,
3510198 (JP).

(74) SIKS & CO.; Kyobashi-Nisshoku Bldg.
8th Floor, 8-7, Kyobashi 1-chome, Chuo-ku,
Tokyo, 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/3205, 21/768, 21/288, 29/786,
G02F 1/1368, G09F 9/30

(11) WO 2004/086487 (13) A1

(21) PCT/JP2004/003715

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-086425 **26 Mar/mar 2003** JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

• DISPOSITIF A SEMI-CONDUCTEURS ET SON PROCEDE DE FABRICATION

(71) SEMICONDUCTOR ENERGY LABORATORY CO. LTD. [JP/JP]; 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Osamu [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/322, 21/20

(11) WO 2004/086488 (13) A1

(21) PCT/JP2004/004167

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-085089 **26 Mar/mar 2003** JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEMICONDUCTOR EPITAXIAL WAFER

• PLAQUETTE EPITAXIALE DE SEMI-CONDUCTEUR

(71) KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA [JP/JP]; 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 2540014 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JIKEN, Hiroshi [JP/JP]; c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 2540014 (JP). NASU, Yuuichi [JP/JP]; c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 2540014 (JP). MA-SUDA, Takeshi [JP/JP]; c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 2540014 (JP).

(74) KIMURA, Takahisa et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 1040043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/324

(11) WO 2004/086489 (13) A1

(21) PCT/KR2004/000520

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10-2003-0015741 **13 Mar/mar 2003** KR
(13.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CRYSTALLIZATION APPARATUS AND METHOD OF AMORPHOUS SILICON

• SYSTEME ET PROCEDE DE CRISTALLISATION DE SILICIUM

(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Su-Gyeong [KR/KR]; 202, 1546-10, Sinlim 9-dong, Kwanak-gu, Seoul 151-860 (KR). KIM, Dong-Byum [KR/KR]; Hyundai Villa 403, 43-1, Cheongdam-dong, Kangnam-gu, Seoul 135-100 (KR). KANG, Myung-Koo [KR/KR]; Misung Apt. 3-205, Sincheon-dong, Songpa-gu, Seoul 138-240 (KR). CHUNG, Ui-Jin [KR/KR]; Jookgong Greenville Apt. 103-104, 1258, Maetan 3-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-804 (KR). KIM, Hyun-Jae [KR/KR]; Cheonggu Apt. 601-903, 123, Imae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-830 (KR).

(74) YOUME 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 21/285

(11) WO 2004/086490 (13) A1

(21) PCT/IB2004/050314

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-082438 **25 Mar/mar 2003** JP
(25.03.2003)

(30) 2003-334379 **25 Sep/sep 2003** JP
(25.09.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SURGICAL HOLDER FOR A BLOOD VESSEL

• DISPOSITIF CHIRURGICAL DE MAINTIEN POUR VAISSEAU SANGUIN

(71) CARDIO INCORPORATED [JP/JP]; 5300043 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) WATANABE, Go [JP/JP]; 9218221 (JP).

(72, 75) SAWA, Yoshiki [JP/JP]; 6620099 (JP). TAKETANI, Satoshi [JP/JP]; 5340027 (JP).

(74) YAMAMOTO, Shusaku et al. / etc.; Crystal Tower 15F, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi 540-6015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086491 (13) A1

(21) PCT/GB2004/000928

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/249,295 **28 Mar/mar 2003** US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CMOS INTEGRATION FOR MULTITHICKNESS SILICIDE DEVICES

• INTEGRATION DE CMOS POUR DISPOSITIFS A SILICIURE A PLUSIEURS EPAISSEURS

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; Po Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) NARASIMHA, Shreesh [US/US]; 25c Van Horn Circle, Beacon, New York 12508 (US). O'NEIL, Patricia [US/US]; 1 Fieldstone Court, Newburgh, New York 12550 (US).

(74) WILLIAMS, Julian, David; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/56, 23/31
- (11) WO 2004/086492 (13) A1
- (21) PCT/JP2004/004228
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 2003-083834 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THEREOF
- DISPOSITIF A SEMICONDUCTEURS ET SON PROCEDE DE FABRICATION
- (71) DOW CORNING TORAY SILICONE CO. LTD. [JP/JP]; 1-3, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORITA, Yoshitsugu [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaikan, Ichihara-shi, Chiba, 2990108 (JP). MINE, Katsutoshi [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaikan, Ichihara-shi, Chiba, 2990108 (JP). NAKANISHI, Junji [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaikan, Ichihara-shi, Chiba, 2990108 (JP). ENAMI, Hiroji [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., 2-2, Chigusaigaikan, Ichihara-shi, Chiba, 2990108 (JP). MIYAJIMA, Fumio [JP/JP]; c/o Apic Yamada Corp., 90 Kamitokuma, Chikuma-shi, Nagano, 3890898 (JP).
- (74) KUBOTA, Yoshitaka; ASA International Patent Firm Chiba Office, 43-27, Satsuki-gaoka 1-chome, Hanamigawa-ku, Chiba-shi, Chiba, 2620014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/60, 23/12, H05K 3/34, 3/46
- (11) WO 2004/086493 (13) A1
- (21) PCT/JP2003/003661
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR MANUFACTURING ELECTRONIC COMPONENT-MOUNTED BOARD
- PROCEDE DE FABRICATION D'UNE CARTE MONTEE A UN COMPOSANT ELECTRONIQUE
- (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) ABE, Tomoyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YAMAGISHI, Yasuo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (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 NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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
- (11) WO 2004/086494 (13) A1
- (21) PCT/IB2004/050294
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 03075867.6 26 Mar/mar 2003 EP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR CALIBRATING A DEVICE, METHOD FOR CALIBRATING A NUMBER OF DEVICES LYING SIDE BY SIDE AS WELL AS AN OBJECT SUITABLE FOR IMPLEMENTING SUCH A METHOD
- PROCEDE D'ETALONNAGE D'UN DISPOSITIF, PROCEDE D'ETALONNAGE D'UN CERTAIN NOMBRE DE DISPOSITIFS PLACES COTE A COTE, ET OBJET ADAPTE POUR LA MISE EN OEUVRE D'UN PROCEDE DE CE TYPE.
- (71) ASSEMBLEON N.V. [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HORIJON, Josehp, L. [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL). DE BOCK, Alain [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL). PETIT, Rita, M., A., L. [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL).
- (74) BOS, Kornelis, S.; Prof. Holstlaan 6, 5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/68, G01R 31/26
- (11) WO 2004/086495 (13) A1
- (21) PCT/JP2004/002953
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) ja (26) ja
- (30) 2003-86682 27 Mar/mar 2003 JP (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • WORK-HANDLING DEVICE
- DISPOSITIF DE MANIPULATION
- (71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TANAKA, Toshiharu [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). HIRAKAWA, Takenori [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). KASHIYAMA, Tadashi [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP).
- (74) YAMAMOTO, Takatoshi; Nishishinbashi-Fukutoku Bldg., 11-5, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 21/22, 21/324
(11) WO 2004/086496 (13) A1
(21) PCT/JP2004/003858
(22) 22 Mar/mar 2004 (22.03.2004)
(25) ja (26) ja
(30) 2003-085137 26 Mar/mar 2003 JP
(26.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • HEAT TREATMENT-PURPOSE WAFER
SUPPORT TOOL, AND HEAT TREAT-
MENT DEVICE
• OUTIL DE SUPPORT DE MICROPLA-
QUETTES A DES FINS DE TRAITE-
MENT THERMIQUE, ET DISPOSITIF
DE TRAITEMENT THERMIQUE
- (71) SHIN-ETSU HANDOTAI CO., LTD.
[JP/JP]; 4-2, Marunouchi 1-chome, Chiy-
oda-ku, Tokyo 1000005 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) IMAI, Masayuki [JP/JP]; c/o Shin-Etsu
Handotai Co., Ltd., Yokonodaira Plant, 507,
Aza Matsubara, Nakanoya, Annaka-shi,
Gunma 3790125 (JP).
- (74) ISHIHARA, Shoji; No. 302, Wakai
Bldg., 7-8, Higashi-Ikebukuro 3-chome,
Toshima-ku, Tokyo 1700013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ H01L 23/12
(11) WO 2004/086498 (13) A1
(21) PCT/JP2003/003733
(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • SEMICONDUCTOR DEVICE
• DISPOSITIF A SEMI-CONDUCTEUR
- (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) KANDA, Takashi [JP/JP]; C/O FU-
JITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomon 37
Mori Bldg., 5-1, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-8423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 21/98
(11) WO 2004/086497 (13) A2
(21) PCT/DE2004/000544
(22) 17 Mar/mar 2004 (17.03.2004)
(25) de (26) de
(30) 103 13 047.0 24 Mar/mar 2003 DE
(24.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD FOR PRODUCING CHIP
STACKS
• PROCEDES DE PRODUCTION
D'EMPILEMENTS DE PUCES
- (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) HÜBNER, Holger [DE/DE]; Hamster-
weg 10, 85598 Baldham (DE).
- (74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH; Ri-
dlerstr. 55, 80339 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- SYSTEMES MECANQUES MICROE-
LECTRIQUES
- (71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Road, P.O. Box
2245, Morristown, NJ 07960 (US).
- (72) CURTIS, Harlan, L.; 819 Ghostley Lane,
Champlin, MN 55316 (US). DUNAWAY,
Lori, A.; 8810 61st Avenue North, New
Hope, MN 55428 (US). DCAMP, Jon, B.;
8584 Summit Oaks Bay, Savage, MN 55378
(US). GLENN, Max, C.; 6712 Lakeway
Drive, Chanhassen, MN 55317 (US).
- (74) HOIRIIS, David 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 23/38
(11) WO 2004/086500 (13) A2
(21) PCT/FR2004/000727
(22) 24 Mar/mar 2004 (24.03.2004)
(25) fr (26) fr
(30) 0303802 24 Mar/mar 2003 FR
(24.03.2003)
(30) 0303805 25 Mar/mar 2003 FR
(25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • (OPTO-)ELECTRONIC MODULE PRO-
VIDED WITH AN ADJUSTABLE CEL-
LULAR BOTTOM AND USED FOR
HEAT DISSIPATION BY THERMO-
ELECTRIC EFFECT (Peltier)
• BOITIER (OPTO-)ELECTRONIQUE A
FOND ALVEOLAIRE A REGULATION
ET DE DISSIPATION THERMIQUE
PAR EFFECT THERMOELECTRIQUE
(Peltier)
- (71) EGIDE S.A. [FR/FR]; Parc d'Activités, 4,
rue Edouard Branly de Pissaloup, F-78190
Trappes (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MAEDER, Philippe [FR/FR]; 1,
faubourg Saint Pierre, F-84350 Courthe-
zon (FR). LECOEUCE, Jean-François
[FR/FR]; Résidence Les Roziers-Entrée 1,
F-84500 Bollène (FR).
- (74) GAUCHERAND, Michel; IXAS Conseil,
15, rue Emile-Zola, F-69002 Lyon (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 23/40, H05K 7/20, H02M 7/48
(11) WO 2004/086501 (13) A1
(21) PCT/JP2004/002618
(22) 3 Mar/mar 2004 (03.03.2004)
(25) ja (26) ja
(30) 2003-082337 25 Mar/mar 2003 JP (25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • HEAT RADIATOR
• RADIATEUR DE CHAUFFAGE
(71) TOSHIBA CARRIER CORPORATION [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHIMIZU, Shinya [JP/JP]; 100-c-507, Yanagishima, Fuji-shi, Shizuoka, 4160932 (JP). IKEYA, Satoshi [JP/JP]; 243-7, Miyajima, Fuji-shi, Shizuoka, 4160945 (JP). HIRUMA, Atsuyuki [JP/JP]; 348-14, Yamamoto, Fujinomiya-shi, Shizuoka, 4180023 (JP). MURASHIGE, Yoshinori [JP/JP]; 356-2, Yunoki, Fuji-shi, Shizuoka, 4160908 (JP). ENDO, Takahisa [JP/JP]; 356-2, Yunoki, Fuji-shi, Shizuoka, 4160908 (JP). HASEGAWA, Norihisa [JP/JP]; 78, Kitada, Yui-cho, Ihara-gun, Shizuoka, 4213104 (JP).
(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 23/538, 23/498, 23/66
(11) WO 2004/086502 (13) A1
(21) PCT/EP2004/002424
(22) 9 Mar/mar 2004 (09.03.2004)
(25) de (26) de
(30) 10314172.3 28 Mar/mar 2003 DE (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
(54) • ARRANGEMENT COMPOSED OF AN ELECTRICAL COMPONENT ON A SUBSTRATE, AND METHOD FOR THE PRODUCTION OF SAID ARRANGEMENT
• ENSEMBLE CONSTITUE D'UN COMPOSANT ELECTRIQUE SUR UN SUBSTRAT ET SON PROCEDE DE PRODUCTION
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). EUPEC EUROPÄISCHE GESELLSCHAFT FÜR LEISTUNGSHALBLEITER MBH [DE/DE]; Max-Planck-Strasse 5, 59581 Warstein (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) AUERBACH, Franz [DE/DE]; Schmückersweg 6, 59494 Soest (DE). GUTSMANN, Bernd [DE/DE]; Ringstr. 31, 59581 Warstein (DE). LICHT, Thomas [DE/DE]; Ostterrasse 5, 59581 Warstein (DE). SELIGER, Norbert [AT/DE]; Gne-sener Str. 24, 81929 München (DE). WEIDNER, Karl [DE/DE]; Zauserweg 6, 81245 München (DE). ZAPF, Jörg [DE/DE]; Dalandstr. 1, 81927 München (DE).
(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 H01L 27/00
(11) WO 2004/086503 (13) A1
(21) PCT/IL2003/000259
(22) 27 Mar/mar 2003 (27.03.2003)
(25) en (26) en
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • GENERATING INTRA-PARTICLE CRYSTALLOGRAPHIC PARAMETER MAPS AND HISTOGRAMS OF A CHEMICALLY PURE CRYSTALLINE PARTICULATE SUBSTANCE
• GENERATION DE CARTES DE PARAMETRES CRISTALLOGRAPHIQUES ENTRE PARTICULES ET D'HISTOGRAMMES D'UNE SUBSTANCE PARTICULAIRE CRISTALLINE DE PURETE CHIMIQUE
(71) GREEN VISION SYSTEMS LTD. [IL/IL]; 6 HaNachoshet Street, Ramat Hachayal, 69 710 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MOSHE, Danny, S. [IL/IL]; 11 HaGilboa Street, 55 024 Kiryat Ono (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 MN MW MX MZ NA 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 H01L 27/146, 31/10, G01T 1/20
(11) WO 2004/086504 (13) A1
(21) PCT/JP2004/004211
(22) 25 Mar/mar 2004 (25.03.2004)
(25) ja (26) ja
(30) 2003-087782 27 Mar/mar 2003 JP (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PHOTODIODE ARRAY AND PRODUCTION METHOD THEREOF, AND RADIATION DETECTOR
• RESEAU DE PHOTODIODES, SON PROCEDE DE PRODUCTION, ET DETECTEUR DE RADIATIONS
(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHIBAYAMA, Katsumi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).
(74) HASEGAWA, Yoshiki et al. / etc.; Soei Patent and Law Firm Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ H01L 27/146, 31/10, G01T 1/20

(11) WO 2004/086505 (13) A1

(21) PCT/JP2004/004212

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-087894 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTODIODE ARRAY AND PRODUCTION METHOD THEREOF, AND RADIATION DETECTOR

• RESEAU DE PHOTODIODES ET SON PROCEDE DE PRODUCTION ET DETECTEUR DE RADIATIONS

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIBAYAMA, Katsumi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; Soci Patent and Law Firm Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 31/10, G01T 1/20

(11) WO 2004/086506 (13) A1

(21) PCT/JP2004/004215

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-087764 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHOTODIODE ARRAY AND PRODUCTION METHOD THEREOF, AND RADIATION DETECTOR

• ENSEMBLE DE PHOTODIODES ET PROCEDE DE PRODUCTION ASSOCIE, ET DETECTEUR DE RAYONNEMENT

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIBAYAMA, Katsumi, [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(74) HASEGAWA, Yoshiki, et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 31/0352

(11) WO 2004/086507 (13) A1

(21) PCT/US2004/009400

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,389 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DOUBLE PINNED PHOTODIODE FOR CMOS APS AND METHOD OF FORMATION

• PHOTODIODE A DOUBLE PIN POUR APS CMOS ET PROCEDE DE FORMATION

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83707-0006 (US).

(72) PATRICK, Inna; 29 Burnett Lane, Boise, ID 83706 (US).

(74) D'AMICO, Thomas, J.; Dickstein, Shapiro, Morin & Oshinsky LLP, 2101 L Street, NW, Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 29/49

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(25) en (26) en

(30) 03100822.0 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED GATE ELECTRODE FOR SEMICONDUCTOR DEVICES

• ELECTRODE DE GRILLE PERFECTIONNEE POUR DISPOSITIFS SEMI-CONDUCTEURS

(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) SURDEANU, Radu, C. [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). STOLK, Peter, A. [NL/FR]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086509 (13) A1

(21) PCT/IB2003/006370

(22) 23 Dec/déc 2003 (23.12.2003)

(25) it (26) en

(30) TO2003A000217 25 Mar/mar 2003 IT
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRONIC DEVICE COMPRISING A PERCOLATED STRUCTURE FILM

• DISPOSITIF ELECTRONIQUE COMPORTANT UN FILM STRUCTURE PERCOLE

(71) C.R.F. SOCIETÀ CONSORTILE PER AZIONI [IT/IT]; Strada Torino, 50, I-10043 Orbassano (IT).

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(72, 75) LI PIRA, Nello [IT/IT]; Via Federico Sacco 8A, I-12045 Fossano (IT). PERLO, Piero [IT/IT]; Via Chichignolo, 19, I-12048

- Sommariva Bosco (IT). **REPETTO, Piermario** [IT/IT]; Via Sismonda, 10/6, I-10145 Torino (IT). **BRIGNONE, Mauro** [IT/IT]; c/o C.R.F. Società Consortile per Azioni, Strada Torino 50, I-10043 Orbassano (IT). **MONFERINO, Rossella** [IT/IT]; Corso Galileo Ferraris, 98, I-10129 Torino (IT). **PULLINI, Daniele** [IT/IT]; c/o C.R.F. Società Consortile per Azioni, Strada Torino 50, I-10043 Orbassano (IT). **LAMBERTINI, Vito** [IT/IT]; Via Monsignor Re 10, I-10049 Giaveno (IT).
- (74) **GALLAROTTI, Franco** et al. / etc.; c/o Buzzi, Notaro & Antonielli d'Oul's S.r.l., Via Maria Vittoria, 18, I-10123 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H01L 29/78, 21/336, 21/316
- (11) WO 2004/086510 (13) A1
- (21) PCT/JP2004/003631
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) ja (26) ja
- (30) 2003/79290 24 Mar/mar 2003 JP (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME
• DISPOSITIF SEMI-CONDUCTEUR ET PROCÉDE DE FABRICATION DE CELLUI-CI
- (71) **HORIBA, LTD.** [JP/JP]; 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510 (JP). **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP). **RENESAS TECHNOLOGY CORP.** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOMINAGA, Koji** [JP/JP]; c/o Horiba, Ltd., 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510 (JP). **IWAMOTO, Kunihiro** [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). **YASUDA, Tetsuji** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8562 (JP). **NABATAME, Toshihide** [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).
- (74) **FUJIMOTO, Hideo**; Daihatsu Building 5th Floor, 2-40, Katamachi 2-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0025 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H01L 29/78, 21/336
- (11) WO 2004/086511 (13) A1
- (21) PCT/JP2004/004060
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-083687 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEMICONDUCTOR DEVICE, PROCESS FOR PRODUCING THE SAME AND PROCESS FOR PRODUCING METAL COMPOUND THIN FILM
• DISPOSITIF SEMI-CONDUCTEUR
- (71) **ROHM CO., LTD.** [JP/JP]; 21, Mizosaki-cho, Saiin, Ukyo-ku, Kyoto-shi, Kyoto 6158585 (JP). **RENESAS TECHNOLOGY CORP.** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). **HORIBA, LTD.** [JP/JP]; 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 6018510 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP).
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- (72, 75) **IWAMOTO, Kunihiro** [JP/JP]; c/o Rohm Co., Ltd., 21, Mizosaki-cho, Saiin, Ukyo-ku, Kyoto-shi, Kyoto 6158585 (JP). **NABATAME, Toshihide** [JP/JP]; c/o Renesas Technology Corp., Intellectual Property Div., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006334 (JP). **TOMINAGA, Koji** [JP/JP]; c/o Horiba, Ltd., 2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 6018510 (JP). **YASUDA, Tetsuji** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 3058562 (JP).
- (74) **MORISHITA, Sakaki**; 2-11-12, Ebisu-Nishi, Shibuya-ku, Tokyo 1500021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 29/788, 29/792, 27/115, 21/8247, 27/105, G11C 14/00, 16/06
- (11) WO 2004/086512 (13) A1
- (21) PCT/JP2003/003682
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) ja (26) ja
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEMICONDUCTOR MEMORY
• MEMOIRE SEMI-CONDUCTRICE
- (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) **SATO, Ayako** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **KOKUBUN, Takayoshi**; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (81) CN JP KR US.
- (51)⁷ H01L 31/00, G06F 11/00
- (11) WO 2004/086513 (13) A1
- (21) PCT/AU2004/000396
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/457,614 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/457,831 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/457,827 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/457,725 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/457,830 26 Mar/mar 2003 US (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD OF IDENTIFYING A READ-OUT SIGNAL
• PROCÉDE D'IDENTIFICATION D'UN SIGNAL DE LECTURE
- (71) **QUCOR PTY LTD** [AU/AU]; Rupert Myers Building, Gate 14 Barker Street, UNSW, Sydney, NSW 2052 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLARK, Robert** [AU/AU]; Unisearch Limited, Rupert Myers Building, Gate 14 Barker Street, UNSW, Sydney, New South Wales 2052 (AU). **BARRETT, Neil** [AU/AU]; MoniTec Pty Ltd, 75/159 Ridgecrop Drive, Castle Hill, New South Wales 2154 (AU). **REILLY, David** [AU/AU];

- Unisearch Limited, Rupert Myers Building, Gate 14 Barker Street, UNSW, Sydney, New South Wales 2052 (AU). BUEHLER, Tilo [AU/AU]; Unisearch Limited, Rupert Myers Building, Gate 14 Barker Street, UNSW, Sydney, New South Wales 2052 (AU).
- (74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/00
- (11) WO 2004/086514 (13) A2
- (21) PCT/EP2004/001703
- (22) 20 Feb/fév 2004 (20.02.2004)
- (25) de (26) de
- (30) 103 14 163.4 28 Mar/mar 2003 DE (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ELECTROOPTIC THIN-FILM MICROWAVE DETECTOR
- DETECTEUR DE MICRO-ONDES ELECTROOPTIQUE A COUCHE MINCE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRABEC, Christoph [AT/DE]; Eichenweg 8, 91054 Erlangen (DE). WITTMANN, Georg [DE/DE]; Erlenstr. 10 A, 91074 Herzogenaurach (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/06
- (11) WO 2004/086516 (13) A1
- (21) PCT/JP2004/004072
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 2003-084537 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SOLAR CELL
- BATTERIE SOLAIRE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIHARA, Shunichi [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
-
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-082589 25 Mar/mar 2003 JP (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FILTER FUNCTION-EQUIPPED OPTICAL SENSOR AND FLAME SENSOR
- DETECTEUR OPTIQUE DOTE D'UNE FONCTION DE FILTRAGE ET DETECTEUR DE FLAMME
- (71) OSAKA GAS CO., LTD. [JP/JP]; 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRANO, Akira [JP/JP]; c/o Osaka Gas Co., Ltd., 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). KAMIYAMA, Satoshi [JP/JP]; c/o Meijo University, Faculty Of Science And Technology, 1-501, Shiogamaguchi, Tempaku-ku, Nagoya-shi, Aichi 468-8502 (JP). AMANO, Hiroshi [JP/JP]; c/o Meijo University, Faculty Of Science And Technology, 1-501, Shiogamaguchi, Tempaku-ku, Nagoya-shi, Aichi 468-8502 (JP). AKASAKI, Isamu [JP/JP]; c/o Meijo University, Faculty Of Science And Technology, 1-501, Shiogamaguchi, Tempaku-ku, Nagoya-shi, Aichi 468-8502 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/06
- (11) WO 2004/086516 (13) A1
- (21) PCT/JP2004/004072
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 2003-084537 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SOLAR CELL
- BATTERIE SOLAIRE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIHARA, Shunichi [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
-
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/07, 31/108, 31/028, 31/18
- (11) WO 2004/086517 (13) A2
- (21) PCT/IB2003/006283
- (22) 23 Dec/déc 2003 (23.12.2003)
- (25) it (26) en
- (30) TO2003A000228 27 Mar/mar 2003 IT (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • JUNCTION FOR PHOTOVOLTAIC CELLS, OPTICAL SENSORS OR THE LIKE
- JONCTION POUR CELLULES PHOTOVOLTAÏQUES, CAPTEURS OPTIQUES OU ANALOGUE
- (71) C.R.F. SOCIETÀ CONSORTILE PER AZIONI [IT/IT]; Strada Torino, 50, I-10043 Orbassano (Torino) (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PIZZI, Marco [IT/IT]; Lungo Po Antonielli 189, I-10100 Torino (IT).
- (74) NOTARO, Giancarlo et al. / etc.; c/o Buzzi, Notaro & Antonielli d'Oulx S.r.l., Via Maria Vittoria 18, I-10123 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 31/09, 51/20
- (11) WO 2004/086518 (13) A1
- (21) PCT/JP2004/003801
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) ja (26) ja
- (30) 2003-081045 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AVALANCHE MULTIPLICATION PHOTODIODE EMPLOYING EXTREMELY THIN MOLECULAR CRYSTAL AND PROCESS FOR FABRICATING THE SAME

• PHOTOCAPTEUR DE MULTIPLICATION D'AVALANCHE UTILISANT UN CRISTAL MOLECULAIRE EXTREMEMENT FIN ET PROCEDE DE FABRICATION CORRESPONDANT

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 3320012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRAMOTO, Masahiro [JP/JP]; 10-45, Hiyoshidai Ichiban-cho, Takatsuki-shi, Osaka 5691022 (JP).

(74) NOGUCHI, Shigeo; Rapport Nanba Bldg. 9F, 8-1, Motomachi 2-chome, Naniwa-ku, Osaka-shi, Osaka 556-0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G02B 6/42

(11) WO 2004/086519 (13) A1

(21) PCT/IB2004/001306

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/395,687 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PACKAGE WITH A LIGHT EMITTING DEVICE

• BOITIER EQUIPE D'UN DISPOSITIF EMETTEUR DE LUMIERE

(71) HYMITE A/S [DK/DK]; DTU, Bldg. 325, 1st Floor, DK-2800 Kgs. Lyngby (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KILIAN, Arnd [DE/DE]; Wilhelmstrasse 48, 10117 Berlin (DE).

(74) WHITELOCK, Holly, E. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/00, C30B 29/16

(11) WO 2004/086520 (13) A1

(21) PCT/JP2003/016323

(22) 19 Dec/déc 2003 (19.12.2003)

(25) ja (26) ja

(30) 2003-87668 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ZnO SEMICONDUCTOR ELEMENT AND PROCESS FOR PRODUCING THE SAME

• ELEMENT SEMI-CONDUCTEUR ZNO ET SON PROCEDE DE PRODUCTION

(71) SHIN-ETSU HANDOTAI CO., LTD. [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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(72, 75) ISHIZAKI, Jun-ya [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Cent, er, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP).

(74) SUGAWARA, Seirin; Sakae Yamakichi Bldg., 9-30, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 33/00

(11) WO 2004/086521 (13) A1

(21) PCT/JP2004/003498

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-087395 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT-EMITTING DEVICE AND METHOD FOR MANUFACTURING LIGHT-EMITTING DEVICE

• DISPOSITIF EMETTANT DE LA LUMIERE ET SON PROCEDE DE FABRICATION

(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) ISHIZAKI, Jun-ya [JP/JP]; c/o Shin-Etsu Handotai Co., Ltd., Isobe R & D Center, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP).

(74) SUGAWARA, Seirin; SUGAWARA & ASSOCIATES, Sakae Yamakichi Bldg., 9-30, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 29/45, 21/28

(11) WO 2004/086522 (13) A1

(21) PCT/JP2004/003818

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 2003-080003 24 Mar/mar 2003 JP (24.03.2003)

(30) 60/458,950 1 Apr/avr 2003 US (01.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OHMIC ELECTRODE STRUCTURE, COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE HAVING THE SAME, AND LED LAMP

• STRUCTURE D'ELECTRODE OHMIQUE, DISPOSITIF ELECTROLUMINESCENT A SEMICONDUCTEUR COMBINE POSSEDANT CETTE STRUCTURE ET LAMPE DEL

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo, 1058518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UDAGAWA, Takashi [JP/JP]; c/o SHOWA DENKO K.K., 1505, Shimokage-mori, Chichibu-shi, Saitama, 3691871 (JP).

(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo, 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 35/22, C01G 53/00, H02N 11/00

(11) WO 2004/086523 (13) A1

(21) PCT/JP2004/004034

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-086006 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPOSITE OXIDE HAVING n-TYPE THERMOELECTRIC CHARACTERISTIC

• OXYDE COMPOSITE PRESENTANT UNE CARACTERISTIQUE THERMOELECTRIQUE DE TYPE N

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, 1008921 (JP).

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(72, 75) FUNAHASHI, Ryoji [JP/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka, 5638577 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 35/28, G05D 23/19, G01N 27/26, H02M 3/158

(11) WO 2004/086524 (13) A1

(21) PCT/AU2004/000394

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901409 27 Mar/mar 2003 AU (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROPHORESIS PLATFORM INCORPORATING TEMPERATURE CONTROL MEANS AND VARIABLE OUTPUT VOLTAGE SUPPLY MEANS FOR THE SAME

• PLAQUE D'ELECTROPHORESE EQUIPE DE MOYENS DE COMMANDE DE TEMPERATURE ET MOYENS D'ALIMENTATION DE TENSION DE SORTIE VARIABLE DESTINES A CETTE PLAQUE

(71) PROTEOME SYSTEMS INTELLECTUAL PROPERTY PTY LTD [AU/AU]; Unit 1, 35-41 Waterloo Road, North Ryde, New South Wales 2113 (AU).

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(72, 75) HEGEDIS, Tibor [AU/AU]; 134/83-93 Waterloo Road, North Ryde, New South Wales 2018 (AU).

(74) F B RICE & CO; 605 Darling Street, Balmain, New South Wales 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 41/107, 41/08

(11) WO 2004/086525 (13) A1

(21) PCT/CN2003/000440

(22) 5 Jun/juin 2003 (05.06.2003)

(25) zh (26) zh

(30) 03114571.X 25 Mar/mar 2003 CN (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NON-SYMMETRIC DRIVE PIEZO CERAMIC TRANSFORMER

• TRANSFORMATEUR D'ATTAQUE EN PIEZOCERAMIQUE NON SYMETRIQUE

(71) XI'AN KONG HONG INFORMATION TECHNOLOGY CO., LTD [CN/CN]; No.40, Gaoxin Liulu, Xi An, Shanxi 710065 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Yaoqiang [CN/CN]; No.40, Gaoxin Liulu, Xi An, Shanxi 710065 (CN). LIU, Quanbao [CN/CN]; No.40, Gaoxin Liulu, Xi An, Shanxi 710065 (CN).

(74) BEIJING BEIXIN-ZHICHENG INTELLECTUAL PROPERTY AGENT CO., LTD; No.16, Xizhimen Nandajie, Xicheng, Beijing 100035 (CN).

(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 CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC (Utility model / modèle d'utilité) EE (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) FI GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) KZ (Utility model / modèle d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ (Utility model / modèle d'utilité) NI NO NZ OM PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) PT RO RU (Utility model / modèle d'utilité)

SC SD SE SG SK (Utility model / modèle d'utilité) SK SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG 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).

(51)⁷ H01L 51/00

(11) WO 2004/086526 (13) A2

(21) PCT/EP2004/003111

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,847 28 Mar/mar 2003 US (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORGANIC ELECTROLUMINESCENCE GENERATING DEVICES

• DISPOSITIFS GENERANT DE L'ELECTROLUMINESCENCE ORGANIQUE

(71) TECHNISCHE UNIVERSITÄT DARMSTADT [DE/DE]; Petersenstrasse 23, 64289 Darmstadt (DE). INTER-UNIVERSITÄIR MICROELEKTRONICA CENTRUM [BE/BE]; 75, Kapeldreef, B-3001 Leuven (BE). UNIVERSITE LOUIS PASTEUR [FR/FR]; 4, Rue Blaise Pascal, F-67070 Strasbourg (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 23, Rue du Loess, F-67037 Strasbourg (FR).

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(71, 72) MUCCINI, Michele [IT/IT]; Via P. Fabbrì, 50, I-40138 Bologna (IT).

(72, 75) HEREMANS, Paul [BE/BE]; 99, Tiensstraat, B-3000 Leuven (BE). REYNAERT, Johan, Lieven, Hendrik [BE/BE]; 60, Neerbeekstraat, B-8501 Bissegem (BE). ZIESSEL, Raymond [FR/FR]; 3, rue des Cailles, F-67460 Souffelweyersheim (FR). HEPP, Aline [DE/DE]; Rhoenring 129, 64289 Darmstadt (DE). SCHMECHEL, Roland [DE/DE]; Rossdorfer Strasse 25, 64287 Darmstadt (DE). VON SEGGERN, Heinz [DE/DE]; Kappengasse 20, 64625 Darmstadt (DE). HEIL, Holger [DE/DE]; Muehlberg 1, 63628 Bad Soden-Salmuenster (DE).

(74) MODIANO, Guido; Odiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 51/20

(11) WO 2004/086527 (13) A1

(21) PCT/EP2004/001551

(22) 18 Feb/fév 2004 (18.02.2004)

(25) de (26) de

(30) 103 14 164.2 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-FUNCTIONAL SENSOR DIS-
PLAY

• AFFICHEUR MULTIFONCTION A
CAPTEURS

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(72, 75) BRABEC, Christoph [AT/DE]; Eichen-
weg 8, 91054 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H01L 51/20, 51/30

(11) WO 2004/086528 (13) A2

(21) PCT/EP2004/001620

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 14 161.8 28 Mar/mar 2003 DE
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FIELD-EFFECT ELECTRODES FOR
ORGANIC, OPTOELECTRONIC COM-
PONENTS

• ELECTRODES A EFFET DE CHAMP
POUR COMPOSANTS OPTOELEC-
TRONIQUES ORGANIQUES

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(72, 75) BRABEC, Christoph [AT/DE]; Eichen-
weg 8, 91054 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H01L 51/20, 27/15

(11) WO 2004/086529 (13) A1

(21) PCT/GB2004/001270

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306721.2 24 Mar/mar 2003 GB
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF FORMING A SEMICON-
DUCTOR DEVICE

• PROCEDE DE FORMATION D'UN DIS-
POSITIF A SEMI-CONDUCTEUR

(71) MICROEMISSIVE DISPLAYS LIM-
ITED [GB/GB]; Scottish Microelectronics
Centre, The King's Buildings, West Mains
Road, Edinburgh., EH9 3JF (GB).

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les États désignés sauf US)

(72, 75) BUCKLEY, Alastair, Robert [GB/GB];
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EH10 4NG (GB). BODAMMER, Georg,
Karl, Hermann [DE/GB]; 8b Gordon Ter-
race, Edinburgh EH16 5QL (GB). WHITE-
LEGG, Stephen, Andrew [GB/GB]; 7
Comiston Court, 121 Comiston Drive, Edin-
burgh EH10 5QU (GB).

(74) HANSON, William, Bennett; JY & GW
Johnson, Kingsbourne House, 229-231 High
Holborn, London WC1V 7DP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 51/20

(11) WO 2004/086530 (13) A1

(21) PCT/IB2004/050290

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03100771.9 25 Mar/mar 2003 EP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FLEXIBLE ELECTROLUMINESCENT
DEVICE

• DISPOSITIF ELECTROLUMINES-
CENT SOUPLE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(72, 75) ZUIDEMA, Hans [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
BOUTEN, Petrus, C., P. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
NISATO, Giovanni [IT/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
BUIJK, Oscar, J., A. [BE/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
MUTSAERS, Cornelis, A., H., A. [NL/NL];
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). DIRKZWAGER, Maarten [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). JANSSEN, Esther, A., W., G.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) TOL, Arie, J., W.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 51/20

(11) WO 2004/086531 (13) A1

(21) PCT/JP2004/003949

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-085868 26 Mar/mar 2003 JP
(26.03.2003)

(30) 2003-153053 29 May/mai 2003 JP
(29.05.2003)

(30) 2003-299258 22 Aug/août 2003 JP
(22.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT-EMITTING DEVICE, METHOD
OF MANUFACTURING THE SAME,
AND DISPLAY UNIT

• DEL, SON PROCEDE DE FABRICA-
TION ET AFFICHEUR

(71) SONY CORPORATION [JP/JP]; 7-35,
Kitashinagawa 6-chome, Shinagawa-ku
6-chome, Tokyo 141-0001 (JP).

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les États désignés sauf US)

(72, 75) YOKOYAMA, Seiichi [JP/JP]; 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
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[JP/JP]; 7-35, Kitashinagawa 6-chome,
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(74) **FUJISHIMA, Youichiro**; 2F, Oodai Building, 9-5, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS OF FORMING THIN FILM TRANSISTORS AND RELATED SYSTEMS

• PROCEDES DE FABRICATION DE TRANSISTORS A FILM MINCE ET DE SYSTEMES CONNEXES

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(72, 75) **PETERSON, Paul** [US/US]; 611 NE Sherwood Way, Corvallis, OR 97330 (US). **STASIAK, James** [US/US]; 29704 Bartels Creek Drive, Lebanon, OR 97355 (US).

(74) **WISDOM, Gregg, W. et al.** / etc.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Mail Stop 35, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086533 (13) A2

(21) PCT/US2004/008048

(22) 17 Mar/mar 2004 (17.03.2004)

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(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TABS FOR ELECTROCHEMICAL CELLS

• LAMELLES POUR CELLULES ELECTROCHIMIQUES

(71) **MOLTECH CORPORATION** [US/US]; 9062 South Rita Road, Tucson, AZ 85747-9018 (US).

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(72, 75) **BOTOS, Ernest, D.** [US/US]; 1300 NW 50th Terrace, Gainesville, FL 32605 (US).

(74) **ROGERS, David et al.** / etc.; SQUIRE, SANDERS & DEMPSEY L.L.P., Two Renaissance Square, 40 North Central Avenue, Suite 2700, Phoenix, AZ 85004-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086534 (13) A2

(21) PCT/US2004/008563

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/396,894 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR STARTING A FUEL CELL STACK ASSEMBLY AT SUB-FREEZING TEMPERATURE

• SYSTEME ET PROCEDE POUR LE DEMARRAGE D'UN BLOC DE PILES A COMBUSTIBLE A UNE TEMPERATURE INFERIEURE A LA TEMPERATURE DE CONGELATION

(71) **UTC FUEL CELLS, LLC** [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

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(72, 75) **REISER, Carl, A.** [US/US]; 26 Orchard Street #19, Stonington, CT 06378 (US). **RESNICK, Gennady** [US/US]; 56 Kingfish Circle, South Windsor, CT 06074 (US).

(74) **COURY, George, A.; Bachman & LaPointe, P.C.**, 900 Chapel Street, Suite 1201, New Haven, CT 06510 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086535 (13) A2

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(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,183 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMBINATION JUMP STARTER AND HIGH-FREQUENCY CHARGER

• COMBINAISON DEMARRAGE FORCE ET CHARGEUR HAUTE FREQUENCE

(71) **KRIEGER, Michael** [US/US]; 34 W. Dilido Drive, Miami Beach, Florida 33139 (US).

(72) **RANDOLPH, Bruce** (deceased / décédé).

(74) **KAMINSKI, Jeffri, A. et al.** / etc.; VENABLE LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086536 (13) A2

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(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/394,203 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SOLID OXIDE FUEL CELL WITH SELECTIVE ANODE TAIL GAS CIRCULATION

• PILE A COMBUSTIBLE A OXYDE SOLIDE A CIRCULATION SELECTIVE DU GAZ RESIDUAIRE D'ANODE

(71) **ION AMERICA CORPORATION** [US/US]; P.O. Box 97, Moffett Field, CA 94035-0097 (US).

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(74) WEGNER, Harold, C. et al. / etc.; Foley & Lardner LLP, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086537 (13) A2

(21) PCT/US2004/008742

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/394,202 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SORFC POWER AND OXYGEN GENERATION METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE PRODUCTION D'ENERGIE ET D'OXYGENE A BASE DE PILES A COMBUSTIBLE A OXYDE SOLIDE REGENERATIVES (SORFC)

(71) ION AMERICA CORPORATION [US/US]; P.O. Box 97, Moffett Field, CA 94035-0097 (US).

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(72, 75) GOTTMANN, Matthias [DE/US]; 684 Torrey Avenue, Sunnyvale, CA 94086 (US). MCELROY, James, Frederick [US/US]; 278 Halladay Avenue, East, Suffield, CT 06078 (US). MITLITSKY, Fred [US/US]; 1125 Canton Avenue, Livermore, CA 94550-5523 (US). SRIDHAR, K., R. [US/US]; 18351 Overlook Road, Los Gatos, CA 95030 (US).

(74) WEGNER, Harold, C. et al. / etc.; Foley & Lardner LLP, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/06, 2/20, 2/32, 2/36

(11) WO 2004/086538 (13) A2

(21) PCT/US2004/009013

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,750 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POLYIMIDE PROTECTED BATTERY FEEDTHROUGH

• TRAVERSEE DE BATTERIE PROTEGEE PAR DU POLYIMIDE

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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(72, 75) HELLER, Bernard, F. Jr. [US/US]; 143 Crown Road Northeast, Fridley, MN 55421 (US).

(74) CHAPIK, Daniel, G. et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 4/38, 4/02, 10/40

(11) WO 2004/086539 (13) A1

(21) PCT/JP2004/004071

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003-086564 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERY

AND ELECTRODE STRUCTURE HAVING THE ELECTRODE MATERIAL

• MATERIAU D'ELECTRODES POUR BATTERIE A LITHIUM SECONDAIRE ET STRUCTURE D'ELECTRODE COMPORTANT LEDIT MATERIAU

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

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(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 8/02, H01B 1/24

(11) WO 2004/086540 (13) A1

(21) PCT/CA2003/000442

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POST-MOLDING TREATMENT OF CURRENT COLLECTOR PLATES FOR FUEL CELLS TO IMPROVE CONDUCTIVITY

• TRAITEMENT POST-MOULAGE DE PLAQUES COLLECTRICES DE COURANT POUR PILES A COMBUSTIBLE, EN VUE D'AMELIORER LA CONDUCTIVITE

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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 H01M 8/02
- (11) WO 2004/086541 (13) A2
- (21) PCT/CA2004/000436
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,280 25 Mar/mar 2003 US (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR JOINING A GAS DIFFUSION LAYER TO A SEPARATOR PLATE
- PROCEDE DE LIAISON D'UNE COUCHE DE DIFFUSION DE GAZ A UNE PLAQUE DE SEPARATION
- (71) DUPONT CANADA INC. [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5M 2H3 (CA).
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- (72, 75) ANDRIN, Peter [CA/CA]; 34 Sarah Street, Napanee, Ontario K7R 3X4 (CA). CHOUDHURY, Biswajit [CA/CA]; 1005 - 175 Bath Road, Kingston, Ontario K7M 7K9 (CA). EKHATOR, Iyobosa [CA/CA]; 2 - 335 Division Street, Kingston, Ontario K7K 4A2 (CA). GHOSH, Kalyan [IN/CA]; 509 - 247 Bath Road, Kingston, Ontario K7M 2X9 (CA). WIELAND, Helmut [CA/CA]; 721 Hillview Road, Kingston, Ontario K7M 5C8 (CA).
- (74) CLARIZIO, Dino, P. et al. / etc.; Bennett Jones LLP, 3400 1 First Canadian Place, P.O. Box 130, Toronto, Ontario M5X 1A4 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01M 8/02, C25B 9/00
- (11) WO 2004/086543 (13) A2
- (21) PCT/CA2004/000441
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,280 25 Mar/mar 2003 US (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ELECTROCHEMICAL CELL COMPONENT
- ELEMENT DE PILE ELECTROCHIMIQUE
- (71) DUPONT CANADA INC. [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5M 2H3 (CA).
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- (71, 72) BATES, Phil [CA/CA]; 4560 Davidson Road, RR #1, Inverary, Ontario K0H 1X0 (CA).
- (72, 75) ANDRIN, Peter [CA/CA]; 34 Sarah Street, Napanee, Ontario K7R 3X4 (CA). CHOUDHURY, Biswajit [CA/CA]; 1005 - 175 Bath Road, Kingston, Ontario K7M 7K9 (CA). GHOSH, Kalyan [IN/CA]; 509 - 247 Bath Road, Kingston, Ontario K7M 2X9 (CA). HOOPER, Mike [CA/CA]; 80 Princess Street, Apt. #5, Kingston, Ontario K7L 1AS (CA).
- (74) CLARIZIO, Dino, P. et al. / etc.; Bennett Jones LLP, 3400 1 First Canadian Place, P.O. Box 130, Toronto, Ontario M5X 1A4 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01M 8/04, 8/06
- (11) WO 2004/086544 (13) A1
- (21) PCT/FR2004/050117
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) fr (26) fr
- (30) 03/03403 20 Mar/mar 2003 FR (20.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND SYSTEM FOR RECOVERING THE CHEMICAL ENERGY OF ANODE GASES EXITING FROM A FUEL CELL
- PROCEDE ET SYSTEME DE VALORISATION DE L'ENERGIE CHIMIQUE DES GAZ ANODIQUES SORTANT D'UNE PILE A COMBUSTIBLE
- (71) N GHY [FR/FR]; 54, rue Gustave Eiffel, F-81000 Albi (FR).
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- (72, 75) GROUSET, Didier [FR/FR]; 2, Côte de l'abattoir, F-81000 Albi (FR). MARTY, Philippe [FR/FR]; 23, rue Saint Loup, F-81000 Albi (FR). HOGUET, Jean-Christophe [FR/FR]; La Courtade Basse, F-81600 Rivières (FR).
- (74) GRYNWALD, Albert; Cabinet Grynwald, 127, rue du Faubourg Poissonnière, F-75009 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 2003-089089 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTROL DEVICE OF VEHICULAR FUEL CELL SYSTEM AND RELATED METHOD

• DISPOSITIF DE COMMANDE DE SYSTÈME DE PILE A COMBUSTIBLE DE VEHICULE ET PROCÉDE ASSOCIÉ

(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi Kanagawa, 2210023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKAI, Hiromasa [JP/JP]

(74) MIYOSHI, Hidekazu et al. / etc.; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 8/24

(11) WO 2004/086546 (13) A2

(21) PCT/JP2004/003146

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 2003-080219 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FUEL CELL SYSTEM

• SYSTÈME DE PILES A COMBUSTIBLE

(71) NISSAN MOTOR CO. LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIGASHI, Shugo [JP/JP]; 53-4-202, Kasumidai, Hodogaya-ku, Yokohama-shi, Kanagawa, 2400014 (JP).

(74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, F28D 21/00, H01M 8/02

(11) WO 2004/086547 (13) A2

(21) PCT/US2004/007722

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/393,688 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CATHODE INLET GAS HUMIDIFICATION SYSTEM AND METHOD FOR A FUEL CELL SYSTEM

• SYSTÈME D'HUMIDIFICATION DE GAZ D'ENTRÉE CATHODE ET PROCÉDE POUR UN SYSTÈME DE PILE A COMBUSTIBLE

(71) MODINE MANUFACTURING COMPANY [US/US]; 1500 DeKoven Avenue, Racine, WI 53403 (US).

(72) VOSS, Mark, G.; 2855 Twin Waters Lane, Franksville, WI 53126 (US). STEVENSON, Joe; 5042 29th Place, Kenosha, WI 53144 (US). CAO, Liping; 2810 Chicory Road, Racine, WI 53403 (US). MEISSNER, Alan, P.; 7803 Briarwood Drive, Franklin, WI 53132 (US).

(74) FAIRCHILD, Jeffery, N.; Wood, Phillips, Katz, Clark & Mortimer, Suite 3800, 500 W. Madison Street, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 8/02

(11) WO 2004/086548 (13) A1

(21) PCT/FR2004/050109

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 0350051 18 Mar/mar 2003 FR (18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PLANAR FUEL CELL AND METHOD FOR THE PRODUCTION THEREOF

• PILE A COMBUSTIBLE PLANAIRE ET PROCÉDE DE FABRICATION D'UNE TELLE PILE

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33 rue de la Fédération, F-75752 PARIS 15ème (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSDALE, Renault [FR/FR]; 15, rue du 11 novembre, F-38640 CLAIX (FR).

(74) POULIN, Gérard; BREVATOME, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 10/40, 4/02, 4/38

(11) WO 2004/086549 (13) A1

(21) PCT/JP2004/003624

(22) 18 Mar/mar 2004 (18.03.2004)

- (25) ja (26) ja
- (30) 2003-083084 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NONAQUEOUS ELECTROLYTE FOR SECONDARY BATTERY AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
- ELECTROLYTE NON AQUEUX POUR ACCUMULATEUR AUXILIAIRE ET ACCUMULATEUR AUXILIAIRE A ELECTROLYTE NON AQUEUX
- (71) SANYO ELECTRIC CO. LTD. [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo, 1080014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMURA, Nobuyuki [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). YOSHIDA, Toshikazu [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). KAMINO, Maruo [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). FUJITANI, Shin [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). TAKEHARA, Masahiro [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki, 3000332 (JP). UE, Makoto [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki, 3000332 (JP).
- (74) SHIGENO, Tsuyoshi; Nissin bldg. 9th floor 5-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo, 1600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 10/40, 4/02, 4/38
- (11) WO 2004/086550 (13) A1
- (21) PCT/JP2004/003625
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) ja (26) ja
- (30) 2003-083086 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NONAQUEOUS ELECTROLYTE FOR SECONDARY BATTERY AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
- ELECTROLYTE NON AQUEUX POUR ACCUMULATEUR AUXILIAIRE ET ACCUMULATEUR AUXILIAIRE A ELECTROLYTE NON AQUEUX
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMURA, Nobuyuki [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). YOSHIDA, Toshikazu [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). KAMINO, Maruo [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). FUJITANI, Shin [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). TAKEHARA, Masahiro [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 3000332 (JP). UE, Makoto [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 3000332 (JP).
- (74) SHIGENO, Tsuyoshi; Nissin bldg. 9th floor, 5-10, Shinjuku 2-chome, Shinjuku-ku Tokyo 1600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01M 10/40, 4/02, 4/38
- (11) WO 2004/086551 (13) A1
- (21) PCT/JP2004/003626
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) ja (26) ja
- (30) 2003-083085 **25 Mar/mar 2003 JP (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NONAQUEOUS ELECTROLYTE FOR SECONDARY BATTERY AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
- ELECTROLYTE NON AQUEUX POUR ACCUMULATEUR AUXILIAIRE ET

- ACCUMULATEUR AUXILIAIRE A ELECTROLYTE NON AQUEUX
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMURA, Nobuyuki [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). YOSHIDA, Toshikazu [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). KAMINO, Maruo [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). FUJITANI, Shin [JP/JP]; c/o SANYO Electric Co., Ltd., 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). TAKEHARA, Masahiro [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 3000332 (JP). UE, Makoto [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 3000332 (JP).
- (74) SHIGENO, Tsuyoshi; Nissin bldg. 9th floor, 5-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo 1600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01M 10/50
- (11) WO 2004/086552 (13) A2
- (21) PCT/CA2004/000440
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,459 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR SEALING PLATES IN AN ELECTROCHEMICAL CELL
- PROCEDE POUR SCELLER DES PLAQUES DANS UNE PILE ELECTROCHIMIQUE
- (71) DUPONT CANADA INC. [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5M 2H3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BATES, Phil [CA/CA]; 4560 Davidson Road, RR #1, Inverary, Ontario K0H 1X0 (CA).

(72, 75) **ANDRIN, Peter** [CA/CA]; 34 Sarah Street, Napanee, Ontario K7R 3X4 (CA). **CHOUDHURY, Biswajit** [CA/CA]; 1005 - 175 Bath Road, Kingston, Ontario K7M 7K9 (CA). **EKHATOR, Iyobosa** [CA/CA]; 2 - 335 Division Street, Kingston, Ontario K7K 4A2 (CA). **GHOSH, Kalyan** [IN/CA]; 509 - 247 Bath Road, Kingston, Ontario K7M 2X9 (CA). **WIELAND, Helmut** [CA/CA]; 721 Hillview Road, Kingston, Ontario K7M 5C8 (CA).

(74) **CLARIZIO, Dino, P. et al.** / etc.; Benneth Jones LLP, 3400 1 First Canadian Place, P.O. Box 130, Toronto, Ontario M5X 1A4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) **WO 2004/086553** (13) A2

(21) PCT/JP2004/001378

(22) **10 Feb/fév 2004 (10.02.2004)**

(25) ja (26) ja

(30) 2003-085892 **26 Mar/mar 2003 JP (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **RESONATOR, RESONATOR PRODUCING METHOD, FILTER, DUPLEXER, AND COMMUNICATION DEVICE**

• **RESONATEUR, PROCEDE DE PRODUCTION DE RESONATEUR, FILTRE, DUPLEXEUR ET DISPOSITIF DE COMMUNICATION**

(71) **MURATA MANUFACTURING CO., LTD.** [JP/JP]; 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIDAKA, Seiji** [JP/JP]; c/o Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP). **ABE, Shin** [JP/JP]; c/o Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP).

(74) **KOMORI, Hisao**; 1-4-34, Nonimbashi, Chuo-ku, Osaka-shi, Osaka 5400011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT 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

(11) **WO 2004/086554** (13) A2

(21) PCT/US2004/008693

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/393,295 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **METHOD AND APPARATUS FOR MANUFACTURING FILTERS**

• **PROCEDE ET APPAREIL DE FABRICATION DE FILTRES**

(71) **NXSTAGE MEDICAL, INC.** [US/US]; 439 South Union Street, Fifth Floor, Lawrence, MA 01843 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **STILLIG, Martin**; Steinweg 12, 37127 Dransfeld (DE).

(74) **CATAN, Mark, A. et al.** / etc.; Proskauer Rose LLP, 1585 Broadway, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q

(11) **WO 2004/086555** (13) A2

(21) PCT/US2004/007360

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) 60/456,764 **21 Mar/mar 2003 US (21.03.2003)**

(30) 10/708,520 **9 Mar/mar 2004 US (09.03.2004)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **MULTI-BAND OMNI DIRECTIONAL ANTENNA**

• **ANTENNE MULTIBANDE OMNIDIRECTIONNELLE**

(71) **CENTURION WIRELESS TECHNOLOGIES, INC.** [US/US]; 3425 N. 44th Street, Lincoln, Nebraska 68504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZINANTI, Michael** [US/US]; 4147 Ingalls Court, Wheat Ridge, Colorado 80033 (US). **SUGANTHAN, Shanmuganthan** [LK/GB]; 207 Harwood Road, Watford Hertfordshire WD18 7RP (GB).

(74) **KINNEAR, Brian et al.** / etc.; Holland & Hart, LLP, 555 Seventeenth Street, Suite 3200, Denver, Colorado 80201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/12, 1/32

(11) **WO 2004/086556** (13) A1

(21) PCT/EP2004/003192

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) de (26) de

(30) 103 13 664.9 **26 Mar/mar 2003 DE (26.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • **ANTENNA FASTENING DEVICE**

• **DISPOSITIF DE FIXATION D'ANTENNE**

(71) **WILHELM SIHN JR. GMBH & CO. KG** [DE/DE]; Wilhelm-Sihn-Strasse 5-7, 75223 Niefern-Öschelbronn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REICHERT, Günther** [DE/DE]; Im näheren Grund 4, 71563 Affalterbach (DE). **SCHNÜRER, Marco** [DE/DE]; Henri-Arnaud-Weg 13, 75179 Pforzheim (DE).

(74) **TWELMEIER, Ulrich et al.** / etc.; Zerrenerstrasse 23-25, 75172 Pforzheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/12

(11) **WO 2004/086557** (13) A2

(21) PCT/FR2004/000684

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) fr (26) fr

(30) 03/03545 **24 Mar/mar 2003 FR (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD OF DETERMINING IMPULSE RESPONSES FROM A MEDIUM IN RELATION TO THE TRANSMISSION OF WAVES BETWEEN DIFFERENT POINTS

• PROCEDE POUR DETERMINER DES REPONSES IMPULSIONNELLES D'UN MILIEU VIS-À-VIS DE LA TRANSMISSION D'ONDES ENTRE DIFFERENTS POINTS

- (71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). UNIVERSITE PARIS 7 - DENIS DIDEROT [FR/FR]; 2, place Jussieu, F-75251 Paris Cedex 05 (FR).

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- (72, 75) FINK, Matthias [FR/FR]; 16, rue E. Laferrière, F-92190 Meudon (FR). DE LA GORGUE DE ROSNY, Julien [FR/FR]; 154, rue de Charenton, F-75012 Paris (FR). JULIA, Claire [FR/FR]; 60, rue Madame, F-75006 Paris (FR). FOLEGOT, Thomas [FR/FR]; 101, rue Jean-Jaurès, F-29200 Brest (FR).

- (74) BURBAUD, ERIC et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H01Q 1/24, 1/32, H04B 1/38

- (11) WO 2004/086558 (13) A1

- (21) PCT/DE2003/003766

- (22) 11 Nov/nov 2003 (11.11.2003)

- (25) de (26) de

- (30) 103 13 498.0 25 Mar/mar 2003 DE (25.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ANTENNA COUPLER AND MOUNT FOR MOBILE RADIO TERMINALS

• COUPLEUR D'ANTENNE ET SUPPORT POUR TERMINAUX RADIOTELEPHONNIQUES MOBILES

- (71) AUDIOTON KABELWERK GMBH ZWEIGNIEDERLASSUNG SCHEINFELD [DE/DE]; Bahnhofstrasse 8, 91443 Scheinfeld (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) STRAUSS, Karsten [DE/DE]; Zur Unteren Au 10, 74564 Crailsheim (DE). SCHLEGEL, Thomas [DE/DE]; Birkacher Strasse 5, 90453 Nürnberg (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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

- (11) WO 2004/086559 (13) A1

- (21) PCT/JP2003/003835

- (22) 26 Mar/mar 2003 (26.03.2003)

- (25) ja (26) ja

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ISOTROPIC ANTENNA
• ANTENNE ISOTROPE

- (71) DIGITAL. WAVE CO., LTD. [JP/JP]; 8-9, Minami-Yawata 4-chome, Ichikawa-shi, Chiba 272-0023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) YAMAMOTO, Kiyoshi [JP/JP]; c/o Digital. Wave Co., Ltd., 8-9, Minami-Yawata 4-chome, Ichikawa-shi, Chiba 272-0023 (JP).

- (74) IZAWA, Makoto; 10-1, Higashi-jujo 5-chome, Kita-ku, Tokyo 114-0001 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 9/28, 1/00, G01N 21/00

- (11) WO 2004/086560 (13) A2

- (21) PCT/GB2004/001261

- (22) 24 Mar/mar 2004 (24.03.2004)

- (25) en (26) en

- (30) 0307096.8 27 Mar/mar 2003 GB (27.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • TERAHERTZ RADIATION SOURCES AND METHODS

• SOURCES DE RAYONNEMENT TERAHERTZIEN ET METHODES CORRESPONDANTES

- (71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]; 16

Mill Lane, Cambridge, Cambridgeshire, CB2 1SB (GB). THE UNIVERSITY OF LEEDS [GB/GB]; Leeds, Yorkshire LS2 9JT (GB).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SHEN, Yao-chun [CN/GB]; 17 maio Road, Cambridge, cambridgeshire, CB4 2GA (GB). LINFIELD, Edmund, Harold [GB/GB]; 10 St. Peter's Road, Coton, Cambridge CB3 7PR (GB). DAVIS, Alexander, Giles [GB/GB]; 3 The Crescent, Adel, Leeds, Yorkshire, LS16 6AA (GB).

- (74) MARTIN, Philip, John et al. / etc.; Marks & Clerk, 66-68 Hills Road, Cambridge, Cambridgeshire CB2 1LA (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01Q 11/08, 7/00, 5/00

- (11) WO 2004/086561 (13) A1

- (21) PCT/GB2004/001109

- (22) 16 Mar/mar 2004 (16.03.2004)

- (25) en (26) en

- (30) 0307251.9 28 Mar/mar 2003 GB (28.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • A DIELECTRICALLY-LOADED ANTENNA

• ANTENNE DIELECTRIQUEMENT CHARGEE

- (71) SARANTEL LIMITED [GB/GB]; 1 Park Row, Leeds, LS1 5AB (GB).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LEISTEN, Oliver, Paul [GB/GB]; 355 Welford Road, Kingsthorpe, Northampton NN2 8PT (GB).

- (74) BLATCHFORD, W., M. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/08

(11) WO 2004/086562 (13) A1

(21) PCT/JP2004/003133

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-085516 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PATCH ANTENNA

• ANTENNE A PLAQUE

(71) NIPPON ANTENNA KABUSHIKI KAISHA [JP/JP]; 49-8, Nishiogu 7-chome, Arakawa-ku Tokyo, 1160011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHINKAI, Takayoshi [JP/JP]; c/o Nippon Antenna Kabushiki Kaisha Warabi-koujyo 7-4, Kitamachi 4-chome Warabi-shi Saitama, 3350001 (JP). AZUMI, Kenji [JP/JP]; c/o Nippon Antenna Kabushiki Kaisha Warabi-koujyo 7-4, Kitamachi 4-chome Warabi-shi Saitama, 3350001 (JP).

(74) ASAMI, Yasuo; Yukon Tokkyo Jimusho, Shinkawa-Ohara BLDG., 6F 27-8, Shinkawa 1-chome, Chuo-ku Tokyo, 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 15/08, B29C 44/00, C08J 9/228 // B29K 23:00, C08L 23:00

(11) WO 2004/086563 (13) A1

(21) PCT/JP2004/002656

(22) 3 Mar/mar 2004 (03.03.2004)

(25) ja (26) ja

(30) 2003-065068 11 Mar/mar 2003 JP
(11.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LUNEBERG LENS AND PROCESS FOR PRODUCING THE SAME

• LENTILLE LUNEBERG

(71) SUMITOMO ELECTRIC INDUSTRIES LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURODA, Masatoshi [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 2-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). KISHIMOTO, Tetsuo [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). KIMURA, Kouichi

[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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 4/48, 12/04

(11) WO 2004/086564 (13) A1

(21) PCT/SG2004/000070

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 200301490-9 25 Mar/mar 2003 SG
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGH DENSITY ELECTRICAL CONNECTOR

• CONNECTEUR ELECTRIQUE HAUTE DENSITE

(71) FCI ASIA TECHNOLOGY PTE LTD [SG/SG]; 10 Hoe Ching Road, #18-00 Koppel Towers, Singapore 089315 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOH, Lip, Teck [SG/SG]; c/o FCI Singapore Pte Ltd, 6 Gul Street 5, Singapore 629216 (SG).

(74) DREW & NAPIER LLC; 20 Raffles Place, #17-00 Ocean Towers, Singapore 048620 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 11/01, H01B 5/00, 5/16, 1/22, H01L 21/66, G01R 1/06

(11) WO 2004/086565 (13) A1

(21) PCT/JP2004/003931

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja

(26) ja

(30) 2003-085092 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANISOTROPIC CONDUCTIVE CONNECTOR, CONDUCTIVE PASTE COMPOSITION, PROBE MEMBER, WAFER INSPECTION DEVICE AND WAFER INSPECTION METHOD

• CONNECTEUR CONDUCTEUR ANISOTROPE, COMPOSITION DE PATE CONDUCTRICE, ELEMENT SONDE, DISPOSITIF D'INSPECTION DE PLAQUETTES ET PROCEDE D'INSPECTION DE PLAQUETTES

(71) JSR CORPORATION [JP/JP]; 6-10, Tsukiji 5-chome Chuo-ku Tokyo, 1040045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IGARASHI, Hisao [JP/JP]; c/o JSR Corporation 6-10, Tsukiji 5-chome Chuo-ku Tokyo, 1040045 (JP). SATO, Katsumi [JP/JP]; c/o JSR Corporation 6-10, Tsukiji 5-chome Chuo-ku Tokyo, 1040045 (JP). INOUE, Kazuo [JP/JP]; c/o JSR Corporation 6-10, Tsukiji 5-chome Chuo-ku Tokyo, 1040045 (JP).

(74) OHI, Masahiko; Eishin Bldg. 6-1, Kanda Ogawa-machi 3-chome, Chiyoda-ku, Tokyo, 1010052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 12/20

(11) WO 2004/086566 (13) A1

(21) PCT/US2004/007338

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03238873.X 21 Mar/mar 2003 CN
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMBINED CONNECTOR

• CONNECTEUR COMBINE

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MA, Xuedong [CN/CN]; 108 Quianjin Zhong Road, Kunshan 215300 Jiangsu (CN).

(74) WEISS, Stephen Z.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 13/18

(11) WO 2004/086567 (13) A1

(21) PCT/DE2004/000588

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 203 04 748.6 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ELECTRICAL HIGH-CURRENT CON-
TACT ELEMENT
• ELEMENT DE CONTACT ELEC-
TRIQUE A COURANT FORT

(71) GHW GROTE & HARTMANN GMBH
[DE/DE]; Am Kraftwerk 13, 42369 Wupper-
tal (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOMMERSHEIM, Hermann
[DE/DE]; Bussche-Kessel-Weg 66, 42699
Solingen (DE).

(74) GHW GROTE & HARTMANN GMBH;
Inge Janke, Z-RE2, Postfach 21 03 62, 42353
Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT
RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW)
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT
BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LU MC NL PL PT RO SE SI SK TR) OA
(BF BJ CF CG CI CM GA GN GQ GW ML MR
NE SN TD TG)

(t) for the following designation / pour la
désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ H01R 13/648, 13/629, H02G 15/117

(11) WO 2004/086568 (13) A1

(21) PCT/AU2004/000398

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901623 28 Mar/mar 2003 AU
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • AN ELECTRICAL CONNECTION DE-
VICE
• DISPOSITIF DE RACCORDEMENT
ELECTRIQUE

(71) HEAD ELECTRICAL INTERNA-
TIONAL PTY LTD [AU/AU]; 1 Cooper
Street, Dudley, New South Wales 2290 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WELLS, Mark [AU/AU]; 1 Cooper
Street, DUDLEY, New South Wales 2290
(AU).

(74) GRIFFITH HACK; GPO Box 4164, SYD-
NEY, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01R 13/703, 24/02

(11) WO 2004/086569 (13) A1

(21) PCT/US2004/007330

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03 2 38874.8 21 Mar/mar 2003 CN
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • LOW PROFILE POWER CONNECTOR
• CONNECTEUR D'ALIMENTATION
EXTRA-PLAT

(71) MOLEX INCORPORATED [US/US];
2222 Wellington Court, Lisle, IL 60532 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MA, Xuedong [CN/CN]; 108 Quianjin
Zhong Road, Kunshan 215300 Jiangsu (CN).

(74) WEISS, Stephen, Z.; Molex Incorporated,
2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 24/04, 13/70

(11) WO 2004/086570 (13) A1

(21) PCT/US2004/007209

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03 2 38875.6 21 Mar/mar 2003 CN
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • AUDIO JACK CONNECTOR
• CONNECTEUR DE PRISE AUDIO

(71) MOLEX INCORPORATED [US/US];
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(72, 75) MA, Xuedong [CN/CN]; 108 Quianjin
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(74) WEISS, Stephen, Z.; Molex Incorporated,
2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 39/04

(11) WO 2004/086571 (13) A1

(21) PCT/IB2004/000823

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0306598.4 24 Mar/mar 2003 GB
(24.03.2003)

(30) 0306901.0 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • COMMUTATOR
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(71) DOLPHIN ELECTRIC HOLDINGS INC;
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(for all designated States except / pour tous
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(72, 75) **MULDOWNEY-COLSTON, Tony, Elijah** [GB/CN]; 104 Mau Po Village, Lobster Bay, Clearwater Bay, Sai Kung, Hong Kong (CN). **SHAW, Thomas, Mahon** [GB/GB]; 16 Groveway, London SW9 0AR (GB).

(74) **LAM, Chun, Fai**; Marks & Clerk, 20/F Chinnachem Hollywood Centre, 1-13 Hollywood Road, Central, Hong Kong (HK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

(11) WO 2004/086572 (13) A2

(21) PCT/US2004/009067

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,510 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TUNABLE EXTERNAL CAVITY LASER WITH ADJUSTABLE CAVITY LENGTH AND MODE-HOP SUPPRESSION

• LASER ACCORDABLE A CAVITE EXTERNE AVEC LONGUEUR DE CAVITE REGLABLE ET SUPPRESSION DE SAUT DE MODE

(71) **BOOKHAM TECHNOLOGY PLC** [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).

(72) **CHOI, Dong, Ho**; 2635 Louis Rd, Palo Alto, CA 94303 (US). **PACE, Ross, D.**; 1047 Carolyn Ave, San Jose, CA 95125 (US). **TRAN, Thang**; 2574 Glen Dundee Way, San Jose, CA 95138 (US). **WANG, Weizhi**; 2258 Shelley Ave., San Jose, CA 95124 (US). **LIM, Alan**; 3494 Yuba Ave., San Jose, CA 95117 (US).

(72, 75) **NGUYEN, Hoang** [US/US]; 6371 Half Dome Way, Livermore, CA 94551 (US).

(74) **ALBOSZTA, Marek et al.** / etc.; Lumen IPS, 2345 Yale Street, 2nd Floor, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086573 (13) A2

(21) PCT/US2004/009123

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,140 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LASER SYSTEM FOR MEASUREMENTS OF THE PROFILE OF OBJECTS

• SYSTEME LASER SERVANT A MESURER LE PROFIL D'OBJETS

(71) **PLASTIC TECHNOLOGIES, INC.** [US/US]; a corporation of the State of Ohio, 1440 Timberwolf Drive, Holland, OH 43528-0964 (US).

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(72, 75) **SEMERSKY, Frank, E.** [US/US]; 7944 Hidden Harbour Drive East, Holland, OH 43528 (US). **WITHAM, Daniel, L.** [US/US]; 6317 Glenhurst Drive, Apt. #5, Maumee, OH 43537 (US). **KOSKIE, Stephen, K.** [US/US]; 6320 Brixton Road, Apt. #7, Maumee, OH 43537 (US).

(74) **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/022

(11) WO 2004/086574 (13) A1

(21) PCT/JP2004/003492

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-081365 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT EMITTING DEVICE

• DISPOSITIF PHOTOEMETTEUR

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

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(72, 75) **YOSHIDA, Hiroshi** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa

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(74) **SUGIURA, Masatomo et al.** / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/18

(11) WO 2004/086575 (13) A1

(21) PCT/JP2004/003987

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083706 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TWO-DIMENSIONAL PHOTONIC CRYSTAL SURFACE-EMITTING LASER

• LASER PHOTONIQUE CRISTALLIN EMETTANT EN SURFACE EN DEUX DIMENSIONS

(71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama 3320012 (JP).

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(72, 75) **NODA, Susumu** [JP/JP]; 231 Kyoudai Shukusya, Gokashou, Uji-shi, Kyoto 6110011 (JP). **YOKOYAMA, Mitsuru** [JP/JP]; c/o Konica Minolta Technology Center Inc., 1 Sakura-machi, Hino-shi, Tokyo 1918511 (JP). **SEKINE, Koujiro** [JP/JP]; c/o Konica Minolta Technology Center Inc., 1 Sakura-machi, Hino-shi, Tokyo 1918511 (JP). **MIYAI, Eiji** [JP/JP]; 101 Next Life, 16-1 Katagihara-Yamaji, Nishikyo-ku, Kyoto-shi, Kyoto 6158123 (JP).

(74) **MORISHITA, Takekazu**; Sanmoto Building, 2-18, Minamihommachi 4-Chome, Chuo-Ku, Osaka-Shi, Osaka 5410054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/183, 5/06

(11) WO 2004/086576 (13) A1

(21) PCT/DE2004/000333

(22) 23 Feb/fév 2004 (23.02.2004)

(25) de (26) de

(30) 103 13 609.6 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SEMICONDUCTOR LASER SHOWING REDUCED SENSITIVITY TO DISTURBANCES
- LASER SEMICONDUCTEUR À SENSIBILITÉ À LA RÉTROACTION RÉDUITE

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).

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(72, 75) ALBRECHT, Tony [DE/DE]; Erich-Kästner-Strasse 21, 93077 Bad Abbach (DE). BRICK, Peter [DE/DE]; Dechbettener Strasse 26, 93049 Regensburg (DE). PHILIPPENS, Marc [NL/DE]; Hermann-Köhl-Strasse 20a, 93049 Regensburg (DE). PLAINE, Glenn-Yves [FR/DE]; Spiegelgasse 6, 93047 Regensburg (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Rüdlerstrasse 55, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/183

(11) WO 2004/086577 (13) A2

(21) PCT/GB2004/001233

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306798.0 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • IMPROVEMENTS IN AND RELATING TO VERTICAL-CAVITY SEMICONDUCTOR OPTICAL DEVICES
- PERFECTIONNEMENTS DANS DES DISPOSITIFS OPTIQUES SEMICONDUCTEURS A CAVITE VERTICALE

(71) THE UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 1XQ (GB).

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(72, 75) CALVEZ, Stephane, Luc, Dominique [FR/GB]; Flat 2/2, 24 Nairn Street, Glasgow G3 8SF (GB). HOPKINS, John-Mark [GB/GB]; Flat 3/1, 52 Albert Ave, Queenspark, Glasgow G42 8RD (GB). BURNS, David [GB/GB]; 2/30 Spears Wharf, Glasgow G4 9TB (GB). DAWSON, Martin, David [GB/GB]; 57 Balmoral Drive, Bishopton, Renfrewshire PA7 5HR (GB).

(74) CRITTEN, Matthew, Peter 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/183, 5/14

(11) WO 2004/086578 (13) A2

(21) PCT/GB2004/001285

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306800.4 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • IMPROVEMENTS IN AND RELATING TO VERTICAL-CAVITY SEMICONDUCTOR OPTICAL DEVICES
- AMELIORATIONS APPORTEES A DES DISPOSITIFS OPTIQUES A SEMI-CONDUCTEUR A CAVITE VERTICALE

(71) THE UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 1XQ (GB).

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(72, 75) CALVEZ, Stephane, Luc, Dominique [FR/GB]; Flat 2/2, 24 Nairn Street, Glasgow G3 8SF (GB). HOPKINS, John-Mark [GB/GB]; Flat 3/1, 52 Albert Ave, Queenspark, Glasgow G42 8RD (GB). BURNS, David [GB/GB]; 2/30 Spears Wharf, Glasgow G4 9TB (GB). DAWSON, Martin, David [GB/GB]; 57 Balmoral Drive, Bishopton, Renfrewshire PA7 5HR (GB). JEON, Chan Wook [KR/GB]; Flat 5/3, Whistlefield Crt, 2 Canniesburn Rd, Glasgow G61 1PX (GB). CHOI, Hoi Wai [CN/GB]; Flat 3, 11 Princes Terrace, Glasgow G12 9JP (GB).

(74) CRITTEN, Matthew, Peter 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/20

(11) WO 2004/086579 (13) A1

(21) PCT/JP2004/003042

(22) 9 Mar/mar 2004 (09.03.2004)

(25) ja (26) ja

(30) 2003-082400 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NITRIDE SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD

• DISPOSITIF A SEMICONDUCTEUR AU NITRURE ET SON PROCEDE DE FABRICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma Kadoma-shi Osaka, 5718501 (JP).

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(72, 75) SUGAHARA, Gaku KAWAGUCHI, Yasutoshi ISHIBASHI, Akihiko KIDOGUCHI, Isao YOKOGAWA, Toshiya

(74) OKUDA, Seiji; Okuda & Associates 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/22

(11) WO 2004/086580 (13) A1

(21) PCT/JP2004/002281

(22) 26 Feb/fév 2004 (26.02.2004)

(25) ja (26) ja

(30) 2003-085132 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • SEMICONDUCTOR LASER AND METHOD FOR MANUFACTURING SAME

- LASER SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION DE CE DERNIER
 - (71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
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 - (72, 75) **SASAKI, Chiaki** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
 - (74) **HAYAMI, Shinji**; Daikanyama TK Building 1F, 2-17-16, Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01T 13/20, 13/38**
- (11) **WO 2004/086581** (13) A1
- (21) PCT/DE2003/003764
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) de (26) de
- (30) 103 12 791.7 **21 Mar/mar 2003 DE (21.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SPARK PLUG COMPRISING AN INSULATOR AND A HOUSING
- BOUGIE D'ALLUMAGE COMPOSANT UN ISOLANT ET UN BOITIER
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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- (72, 75) **HEROLD, Stefan** [DE/DE]; Am Kreuzberg 12, 96103 Hallstadt (DE).
SCHRAUDNER, Kurt [DE/DE]; Meinhardstr. 46, 96049 Bamberg (DE).
- (81) BR CN IN JP RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **H02G 3/00**
- (11) **WO 2004/086582** (13) A2
- (21) PCT/FR2004/000695
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) fr (26) fr
- (30) 03/03552 **24 Mar/mar 2003 FR (24.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ELECTROMAGNETIC SHIELDING SLEEVE WHICH IS INTENDED, FOR EXAMPLE, TO PROTECT BUNDLES OF CABLES FOR USE IN AERONAUTICS

- GAINÉ DE BLINDAGE ELECTRO-MAGNETIQUE NOTAMMENT POUR PROTEGER DES FAISCEAUX DE CABLES DANS L'AERONAUTIQUE
 - (71) **FEDERAL MOGUL SYSTEMS PROTECTION GROUP** [FR/FR]; 69, rue Henri Laroche, F-60800 Crépy-en-Valois (FR).
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 - (72, 75) **RODRIGUES, Thierry** [FR/FR]; 13, rue Mireille Zoude, F-95440 Ecouen (FR). **LERNON, André** [FR/FR]; 3, rue de l'Eglise, F-60890 Mareuil-Sur-Ourcq (FR). **DUMONT, Fabrice** [FR/FR]; 66, rue de la République, F-60880 Le Meux (FR). **KOCH, Rainer** [DE/FR]; 76, rue de la carrière, F-60129 Gilocourt (FR).
 - (74) **SANTARELLI**; 14, avenue de la Grande-Armée, Boîte postale 237, F-75017 Paris Cedex 17 (FR).
 - (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 - (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H02G 3/22**
- (11) **WO 2004/086583** (13) A1
- (21) PCT/EP2004/000479
- (22) **22 Jan/jan 2004 (22.01.2004)**
- (25) de (26) de
- (30) 103 13 989.3 **27 Mar/mar 2003 DE (27.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CABLE LEADTHROUGH DEVICE
- DISPOSITIF DE TRAVERSEE DE CABLE
- (71) **MURRPLASTIK SYSTEMTECHNIK GMBH** [DE/DE]; Fabrikstrasse 10, 71570 Oppenweiler (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HABEL, Martin** [DE/DE]; Seewiesenstrasse 34, 74626 Bretzfeld (DE). **SOHN, Wolfgang** [DE/DE]; Filderstrasse 37, 73733 Esslingen (DE). **SCHARF-MARTINI, Lutz** [DE/DE]; Grafenbergweg 136, 73614 Schorndorf (DE). **FUNK, Rainer** [DE/DE]; Lerchenstrasse 26, 71543 Wüstenrot (DE).
- (74) **WOLF, Eckhard**, et al. / etc.; Hauptmannsreute 93, 70193 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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**
- (11) **WO 2004/086584** (13) A2
- (21) PCT/US2004/008398
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) 60/455,596 **19 Mar/mar 2003 US (19.03.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • AROMATIC NITRILE CONTAINING ION-CONDUCTING SULFONATED POLYMERIC MATERIAL
- MATERIAU POLYMERES SULFONE CONDUCTEUR IONIQUE CONTENANT DU NITRILE AROMATIQUE
- (71) **VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.** [US/US]; 1872 Pratt Drive, Suite 1625, Blacksburg, VA 24060 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCGRATH, James** [US/US]; 902 Elliot Drive, Blacksburg, VA 24060 (US). **RIFFLE, Judy** [US/US]; 608 Floyd Street, Blacksburg, VA 24060 (US). **SUMNER, Michael** [US/US]; 520 Prices Fork Road, C-6, Blacksburg, VA 24060 (US).
- (74) **LANE, Philip, D.**; McGuireWoods, LLP, 1750 Tysons Blvd., Suite 1800, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
- (11) **WO 2004/086585** (13) A2
- (21) PCT/US2004/008745
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 10/394,202 **24 Mar/mar 2003 US (24.03.2003)**
- (30) 10/465,636 **20 Jun/juin 2003 US (20.06.2003)**
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SORFC SYSTEM AND METHOD WITH AN EXOTHERMIC NET ELECTROLYSIS REACTION

- SYSTEME SORFC (PILE A COMBUSTIBLE REGENERATRICE A OXYDE SOLIDE) ET PROCEDE FAISANT INTERVENIR UNE REACTION D'ELECTROLYSE NETTE EXOTHERMIQUE
- (71) ION AMERICA CORPORATION [US/US]; P.O. Box 97, Moffett Field, CA 94035-0097 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCELROY, James, Frederick [US/US]; 278 Halladay Avenue, Eats, Suffield, CT 06078 (US). FINN, John, E. [US/US]; 13155 Franklin Avenue, Mountain View, CA 94040 (US).
- (74) WEGNER, Harold, C. et al. / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 "K" Street, N.W., Washington, DC 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/14
- (11) WO 2004/086586 (13) A1
- (21) PCT/CA2003/000893
- (22) 20 Jun/juin 2003 (20.06.2003)
- (25) en (26) en
- (30) 60/457,708 27 Mar/mar 2003 US (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ENERGY SUPPLY MANAGEMENT METHODS, APPARATUS, MEDIA, SIGNALS AND PROGRAMS
- PROCEDES, APPAREILS, MOYENS, SIGNAUX ET PROGRAMMES DE GESTION D'UNE SOURCE D'ENERGIE
- (71, 72) MATVIESHEN, Michael [CA/CA]; 990 Sutcliffe Court, Kelowna, British Columbia V1P 1B6 (CA).
- (74) FERANCE, Stephen, J. et al. / etc.; Smart & Biggar, Box 11560, Vancouver Centre, 650 West Georgia Street, Suite 2200, Vancouver, British Columbia V6B 4N8 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/00, H02M 7/00
- (11) WO 2004/086588 (13) A1
- (21) PCT/CN2004/000125
- (22) 17 Feb/fév 2004 (17.02.2004)
- (25) zh (26) zh
- (30) 03113999.x 27 Mar/mar 2003 CN (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A WIRELESS POWER SUPPLY APPARATUS
- APPAREIL D'ALIMENTATION ELECTRIQUE SANS FIL
- (71, 72) CHEN, Yuanhong [CN/CN]; Room 1007, Shunjing Building, 7# Nanan Railway Side, Zhongshanba Road, Liwan District, Guangzhou, Guangdong 510160 (CN).
- (72, 75) CHEN, Yihao [CN/CN]; Room 1007, Shunjing Building, 7# Nanan Railway Side, Zhongshanba Road, Liwan District, Guangzhou, Guangdong 510160 (CN). CHEN, Meihua [CN/CN]; Room 1007, Shunjing Building, 7# Nanan Railway
- Side, Zhongshanba Road, Liwan District, Guangzhou, Guangdong 510160 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 1/12
- (11) WO 2004/086589 (13) A1
- (21) PCT/SE2004/000435
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 0300799-4 24 Mar/mar 2003 SE (24.03.2003)
- (30) 60/473 195 27 May/mai 2003 US (27.05.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • STATOR OF AN ELECTRICAL MACHINE
- STATOR D'UNE MACHINE ELECTRIQUE
- (71) HÖGANÄS AB [SE/SE]; S-263 83 Höganäs (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JACK, Alan [GB/GB]; Milestone House, Allendale Road, Hexham, Northumberland, NE46 2NB (GB).
- (74) AWAPATENT AB; Box 5117, s-200 71 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 H02K 1/16, 17/20

(11) WO 2004/086590 (13) A2

(21) PCT/ES2004/000125

(22) 17 Mar/mar 2004 (17.03.2004)

(25) es (26) es

(30) P 2003 00701 25 Mar/mar 2003 ES
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HIGHLY-EFFICIENT MOTOR/GENER-
ATOR

• MOTEUR GENERATEUR A HAUT
RENDEMENT

(71, 72) CÁRDENAS LÓPEZ, José, Anto-
nio [ES/ES]; C/Gómez de la Serna, 1-3^B,
E-18200 Macarena (ES).

(74) HERRERA DÁVILA, Álvaro; C/Gran Vía,
33-6¹ 12, E-28013 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 H02K 5/15

(11) WO 2004/086591 (13) A1

(21) PCT/DE2003/003392

(22) 13 Oct/oct 2003 (13.10.2003)

(25) de (26) de

(30) 103 12 614.7 21 Mar/mar 2003 DE
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRICAL MACHINE WITH A RO-
TOR BEARING THAT IS INTEGRATED
INSIDE THE STATOR

• MACHINE ELECTRIQUE A PALIER DE
ROTOR INTEGRE DANS LE STATOR

(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) HUSSAM, Helmi [DE/DE]; Bottwartal-
str. 20, 71672 Marbach (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 H02K 11/00, 1/02

(11) WO 2004/086592 (13) A1

(21) PCT/CA2004/000407

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/395,195 25 Mar/mar 2003 US
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRIC MACHINE WITH MAG-
NETIC FLUX REGULATING MEANS

• MACHINE ELECTRIQUE COMPRE-
NANT DES MOYENS DE REGULA-
TION DU FLUX MAGNETIQUE

(71) PRATT & WHITNEY CANADA CORP.
[CA/CA]; c/o Todd Bailey, Legal Services
(01BE5), 1000 Marie Victorin, Longueuil,
Quebec J4G 1A1 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DOOLEY, Kevin [GB/CA]; 2605
Woodchester Drive Unit 4S, Mississauga,
Ontario L5K 2E3 (CA).

(74) BAILEY, Todd; Pratt & Whitney Canada
Corp., Legal Dept. (01BE5), 1000 Marie Vic-
torin, Longueuil, Quebec J4G 1A1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 19/12

(11) WO 2004/086593 (13) A1

(21) PCT/CN2004/000152

(22) 27 Feb/fév 2004 (27.02.2004)

(25) zh (26) zh

(30) 03241081.6 26 Mar/mar 2003 CN
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A MAGNETIC BIASHING RELUC-
TANCE MOTOR WITH EVEN POLES
ON WHICH COILS ARE CONNECTED
IN OPPOSITE DIRECTIONS

• MOTEUR A RELUCTANCE DE PO-
LARISATION MAGNETIQUE AYANT
DES POLES PAIRS SUR DES BOBINES
CONNECTEES DANS DES DIREC-
TIONS OPPOSEES

(71, 72) ZHU, Zhengfeng [CN/CN]; Room 605,
Bldg. 10, Gao Gong Village, No. 121, Dong
Shui Road, Fuzhou, Fujian 350011 (CN).

(74) CHINA SCIENCE PATENT & TRADE-
MARK AGENT LTD.; 15/F., Bldg. B.,
Tsinghua Tongfang Hi-Tech Plaza, No. 1,
Wangzhuang Rd., Haidian District, Beijing
100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 H02K 19/12

(11) WO 2004/086594 (13) A1

(21) PCT/CN2004/000163

(22) 2 Mar/mar 2004 (02.03.2004)

(25) zh (26) zh

(30) 03 241080.8 26 Mar/mar 2003 CN
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • STAR DELTA CONNECTION BIAS
MAGNETIC TYPE RELUCTANCE MO-
TOR

• MOTEUR A RELUCTANCE DE TYPE
POLARISATION MAGNETIQUE A
RACCORDEMENT ETOILE-TRI-
ANGLE

(71, 72) ZHU, Zhengfeng [CN/CN]; Room 605,
Bldg. 10, Gao Gong Village, No.121, Dong
Shui Road, Fuzhou, Fujian 350011 (CN).

(74) CHINA SCIENCE PATENT & TRADE-
MARK AGENT LTD.; 15/F., Bldg. B.,
Tsinghua Tongfang Hi-Tech Plaza, No.1,
Wangzhuang Rd., Haidian District, Beijing
100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 H02K 41/03, F16C 33/04

(11) WO 2004/086595 (13) A1

(21) PCT/EP2004/003086

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 14 133.2 24 Mar/mar 2003 DE
(24.03.2003)

(30) 103 23 629.5 20 May/mai 2003 DE
(20.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GLIDING FIELD LINEAR MOTOR

- MOTEUR LINEAIRE A CHAMP D'ONDES PROGRESSIVES

(71) **TECHNISCHE UNIVERSITÄT BERLIN** [DE/DE]; Strasse des 17. Juni 135, 10623 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEHR, Heinz** [DE/DE]; Wiesbadener Strasse 18, 14197 Berlin (DE). **SCHRADER, Stephan** [DE/DE]; Auguststrasse 91, 10117 Berlin (DE). **WALTER, Steffen** [DE/DE]; Jessenerstrasse 66, 10247 Berlin (DE).

(74) **EISENFÜHR, SPEISER & PARTNER**; Ana-Louisa-Karsch-Str. 2, 10178 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 41/03

(11) **WO 2004/086596** (13) A1

(21) PCT/IB2004/000999

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) **BO2003A000163 25 Mar/mar 2003 IT (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LINEAR ELECTRIC MOTOR WITH AN ARRANGEMENT FOR REDUCING VIBRATIONS

- MOTEUR ELECTRIQUE LINEAIRE AVEC UN AGENCEMENT REDUCTEUR DES VIBRATIONS

(71) **G.D S.P.A.** [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TALE', Fabrizio** [IT/IT]; Via G. Fattori, 14, I-40133 Bologna (IT). **SPATAFORA, Mario** [IT/IT]; Via del Lavoro, 56, I-40127 Bologna (IT).

(74) **BIANCIARDI, Ezio** et al. / etc.; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 41/03

(11) **WO 2004/086597** (13) A1

(21) PCT/JP2004/003823

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) ja (26) ja

(30) **2003-082727 25 Mar/mar 2003 JP (25.03.2003)**

(30) **2003-359179 20 Oct/oct 2003 JP (20.10.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LINEAR MOTOR ACTUATOR

- ACTIONNEUR DE MOTEUR LINÉAIRE

(71) **THK CO. LTD.** [JP/JP]; 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TERAMACHI, Akihiro** [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP). **ASO, Toshiyuki** [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP). **TANAKA, Yoshinobu** [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP). **KANESHIGE, Hiroshi** [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP). **XU, Yuanjun** [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP).

(74) **IDE, Tetsuroh** et al. / etc.; 79-402, Ohta-machi 6-chome, Naka-ku, Yokohama-shi, Kanagawa 231-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M

(11) **WO 2004/086598** (13) A2

(21) PCT/US2004/006353

(22) **1 Mar/mar 2004 (01.03.2004)**

(25) en (26) en

(30) **10/394,949 21 Mar/mar 2003 US (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • EXTREMELY HIGH-SPEED SWITCH-MODE DC-DC CONVERTERS

- CONVERTISSEURS CC-CC A MODE DE COMMUTATION EXTREMEMENT RAPIDE

(71) **TROPIAN, INC.** [US/US]; 20813 Stevens Creek Boulevard, Cupertino, CA 95014 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCCUNE, Earl, W., Jr.** [US/US]; 2252 Sutter Avenue, Santa Clara, CA 95050 (US).

(74) **KREBS, Robert, E. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ H02M 3/28

(11) **WO 2004/086599** (13) A1

(21) PCT/JP1998/005884

(22) **24 Dec/déc 1998 (24.12.1998)**

(25) ja (26) ja

(30) **9-357308 25 Dec/déc 1997 JP (25.12.1997)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER SUPPLY

- BLOC D'ALIMENTATION

(71, 72) **ISAGO, Tomiyasu** [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **OGAWA, Hiromitsu** [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ITOH, Tadahiko**; 32nd floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) US.

Published / Publiée : (e): 16Oct/oct 2001 (16.10.2001), 6304470

(51)⁷ H02N 10/00, 11/00, H01L 37/00

(11) **WO 2004/086600** (13) A1

(21) PCT/US2004/008625

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/320,026 20 Mar/mar 2003 US
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MEMS MICROGENERATOR CELL
AND MICROGENERATOR CELL AR-
RAY• PILE DE MICROGENÉRATEUR ET
MATRICE DE PILE DE MICROGENÉ-
RATEUR POUR MEMS(71) UNIVERSITY OF SOUTH FLORIDA
[US/US]; 4202 East Fowler Avenue, FAO
126, Tampa, FL 33620-7900 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BHANSALI, Shekhar [AU/US]; 10409
Greenmont Drive, Tampa, FL 33626 (US).
POPURI, Rajsekhar [IN/US]; 13802 N.
42nd Street, #A103, Tampa, FL 33613 (US).(74) SAUTER, Molly, L.; Smith & Hopen, P.A.,
15950 Bay Vista Drive, Suite 220, Clearwater,
FL 33760 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H02P 7/00, H02H 7/08

(11) WO 2004/086601 (13) A1

(21) PCT/DE2003/003479

(22) 21 Oct/oct 2003 (21.10.2003)

(25) de (26) de

(30) 103 13 520.0 26 Mar/mar 2003 DE
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND CONTROL CIRCUIT
FOR DETERMINING AN OPERATING
STATE WHEN CONTROLLING A FAN
MOTOR• PROCEDE ET CIRCUIT DE COM-
MANDE POUR DETERMINER UN
ETAT DE FONCTIONNEMENT LORS
DE LA COMMANDE D'UN MOTEUR
DE VENTILATEUR(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) BUERK, Peter [DE/DE]; Austrasse
12, 77839 Lichtenau-Grauelsbaum (DE).
KOCH, Stefan [DE/DE]; Lindenbrunnenstr.
3, 77855 Achern (DE).

(81) BR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ H03B 29/00, H03K 3/84, G06F 7/58,
H03F 3/45, 3/68

(11) WO 2004/086602 (13) A1

(21) PCT/EP2004/002904

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03006904.1 26 Mar/mar 2003 EP
(26.03.2003)(30) 60/459,447 31 Mar/mar 2003 US
(31.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NOISE GENERATOR
• GENERATEUR DE BRUIT(71) TELEFONAKTIEBOLAGET L MERIC-
SSON (PUBL) [SE/SE]; SE-126 25 Stock-
holm (SE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) MATTISSON, Sven [SE/SE]; Östanväg
3, SE-237 36 Bjärred (SE).(74) BYSTRÖM, Linus; Ström & Gulliksson
IPC AB, P.O. Box 793, SE-220 07 Lund (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H03D 13/00, H03L 7/087

(11) WO 2004/086603 (13) A1

(21) PCT/IB2004/050307

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100825.3 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FREQUENCY DETECTOR SYSTEM
WITH TRI-STATE FREQUENCY CON-
TROL SIGNAL• SYSTEME DETECTEUR DE FRE-
QUENCE A SIGNAL DE COMMANDE
DE FREQUENCE A TROIS ETATS(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) SANDULEANU, Mihai, A., T.
[NL/NL]; c/o Prof. Holstlaan, NL-5656
AA Eindhoven (NL). ARSINTE, Gavril[RO/RO]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).(74) DUIJVESTIJN, Adrianus, J.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H03D 13/00, H03L 7/089

(11) WO 2004/086604 (13) A1

(21) PCT/IB2004/050313

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100828.7 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FAST LINEAR PHASE DETECTOR
• CIRCUIT DESTINE A UN DETECTEUR
DE PHASE OU DE FREQUENCE(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) SANDULEANU, Mihai, A., T.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).(74) DUIJVESTIJN, Adrianus, J.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP*

(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03D 13/00, H03L 7/089

(11) WO 2004/086605 (13) A1

(21) PCT/IB2004/050316

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03100829.5 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LINEAR PHASE DETECTOR WITH MULTIPLEXED LATCHES

• DETECTEUR DE PHASE LINEAIRE DOTE DE BASCULES MULTIPLEXEES

(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) SANDULEANU, Mihai, A., T. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086606 (13) A2

(21) PCT/US2004/008304

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/393,132 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AMPLIFIER CIRCUIT

• CIRCUIT AMPLIFICATEUR

(71) ANALOG DEVICES, INC. [US/US]; Three Technology Way, Norwood, MA 02062 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Shuyun [US/US]; 50 Green Street, #311, Brookline, MA 02446 (US).
MCMORROW, Robert, Jeffery [US/US]; 75 Hayward Mill Road, Concord, MA 01742 (US).

(74) POIRIER, David, W. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086607 (13) A1

(21) PCT/SE2004/000321

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 0300829-9 25 Mar/mar 2003 SE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POWER AMPLIFIER PRE-DISTORTION

• AMPLIFICATEUR DE PUISSANCE DE PREDISTORSION

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REXBERG, Leonard [SE/SE]; Carl Bondes Väg 58, S-165 74 Hässelby (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H03F 1/34, 1/14, 1/32, 1/08, 3/45, 3/60

(11) WO 2004/086608 (13) A1

(21) PCT/IB2004/050330

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03075877.5 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NEUTRALIZATION OF FEEDBACK CAPACITANCE IN AMPLIFIERS

• NEUTRALISATION DE LA CAPACITE DE REACTION DANS DES AMPLIFICATEURS

(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 HEIJDEN, Mark [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/52, 3/217

(11) WO 2004/086609 (13) A1

(21) PCT/US2004/008546

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,427 21 Mar/mar 2003 US (21.03.2003)

(30) 60/469,776 12 May/mai 2003 US (12.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEMS AND METHODS FOR PROTECTION OF AUDIO AMPLIFIER CIRCUITS

• SYSTEMES ET PROCEDES DE PROTECTION DE CIRCUITS AMPLIFICATEURS AUDIO

(71) **D2AUDIO CORPORATION** [US/US]; 7600 B. Capital of Texas Highway, Suite 130, Austin, TX 78731 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **KOST, Michael, A.** [US/US]; 10301 RR 2222 #2532, Austin, TX 78730 (US). **ANDERSEN, Jack, B.** [DK/US]; 13123 Amarillo Ave., Austin, TX 78729 (US).(74) **BERRIER, Mark, L.**; Law Offices of Mark L. Berrier, 1250 Capital of Texas Highway South, Building II, Suite 216, Austin, TX 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03F 3/00(11) **WO 2004/086610** (13) A2

(21) PCT/GB2004/001198

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 0306733.7 **25 Mar/mar 2003 GB (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ABATEMENT OF BACKFLOW CONTAMINANTS IN A DRY PUMP

• REDUCTION DES CONTAMINANTS DE REFOULEMENT DANS UNE POMPE DESAMORCEE

(71) **THE BOC GROUP PLC** [GB/GB]; Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **GREENWOOD, Joanne, Rachel** [GB/GB]; 2/71 Golstone Villas, Hove, East Sussex BN3 3RW (GB). **KETTLEWELL, Nathan, Lee** [GB/GB]; Flat 1, House 5, Second Avenue, Hove, East Sussex BN3 2LH (GB). **DEAN, Julian, Richard** [GB/GB]; 141 Orchard Road, Burgess Hill, West Sussex RH15 9PJ (GB). **KENDALL, John, Spencer** [GB/GB]; Hopewood, Chestnut Walk, Felcourt, East Grinstead, West Sussex RH19 2LB (GB).(74) **BOOTH, Andrew, Steven**; The Boc Group Plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/00(11) **WO 2004/086611** (13) A2

(21) PCT/US2004/008547

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/456,429 **21 Mar/mar 2003 US (21.03.2003)**(30) 60/469,761 **12 May/mai 2003 US (12.05.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEMS AND METHODS FOR IMPLEMENTING A SAMPLE RATE CONVERTER USING HARDWARE AND SOFTWARE TO MAXIMIZE SPEED AND FLEXIBILITY

• SYSTEMES ET PROCEDES PERMETTANT DE METTRE EN OEUVRE UN CONVERTISSEUR DE FREQUENCE D'ECHANTILLONNAGE A L'AIDE DE MOYENS MATERIELS ET LOGICIELS AFIN DE MAXIMISER LA VITESSE ET LA FLEXIBILITE

(71) **D2AUDIO CORPORATION** [US/US]; 7600 B. Capital of Texas Highway, Suite 130, Austin, TX 78731 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **ANDERSEN, Jack, B.** [DK/US]; 13123 Amarillo Ave., Austin, TX 78729 (US). **HAND, Larry, E.** [US/US]; 5428 Springhill Loop Rd., Meridian, MS 39301 (US). **CHIENG, Daniel, L., W.** [US/US]; 11601 Anatole Ct., Austin, TX 78748 (US). **PAGE, Joel, W.** [US/US]; 3 Coach House Rd, Austin, TX 78737 (US).(74) **BERRIER, Mark, L.**; Law Offices of Mark L. Berrier, 1250 Capital of Texas Highway South, Building II, Suite 216, Austin, TX 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/24, 1/30, 3/68(11) **WO 2004/086612** (13) A1

(21) PCT/JP2004/003850

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) ja (26) ja

(30) 2003-080976 **24 Mar/mar 2003 JP (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SEMICONDUCTOR CIRCUIT

• CIRCUIT A SEMI-CONDUCTEUR

(71) **UBE INDUSTRIES, LTD.** [JP/JP]; 1978-96, Kogushi, Ube, Yamaguchi 755-8633 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **FUJIMOTO, Masahiro** [JP/JP]; c/o Ube Research Laboratory, Ube Industries, LTD., 1978-5, Kogushi, Ube, Yamaguchi 755-8633 (JP). **OYAMA, Ryuji** [JP/JP]; c/o Ube Research Laboratory, Ube Industries, LTD., 1978-5, Kogushi, Ube, Yamaguchi 755-8633 (JP). **KONDO, Masahide** [JP/JP]; c/o Ube Research Laboratory, Ube Industries, LTD., 1978-5, Kogushi, Ube, Yamaguchi 755-8633 (JP). **ODA, Hiroshi** [JP/JP]; c/o Ube Research Laboratory, Ube Industries, LTD., 1978-5, Kogushi, Ube, Yamaguchi 755-8633 (JP).(74) **TAZAWA, Hiroaki et al.** / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/343(11) **WO 2004/086613** (13) A1

(21) PCT/JP2003/003675

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AMPLIFIER CIRCUIT

• CIRCUIT D'AMPLIFICATEUR

(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) **NAKAMIZO, Hideyuki** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YOSHIDA, Yoshikazu** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **OIWA, Masuo et al.** / etc.; 14-1, 2-Chome, Minamitsukaguchi-Cho, Amagasaki-Shi, Hyogo 661-0012 (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 H03F 3/68, 3/217, 3/21

(11) WO 2004/086614 (13) A1

(21) PCT/US2004/008545

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,421 21 Mar/mar 2003 US (21.03.2003)

(30) 60/469,734 12 May/mai 2003 US (12.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-CHIP PWM SYNCHRONIZATION AND COMMUNICATION

• SYNCHRONISATION ET COMMUNICATION PWM MULTIPUCE

(71) **D2AUDIO CORPORATION** [US/US]; 7600 B. Capital of Texas Highway, Suite 130, Austin, TX 78731 (US).

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(72, 75) **ANDERSEN, Jack, B.** [DK/US]; 13123 Amarillo Ave., Austin, TX 78729 (US). **CHIENG, Daniel, L., W.** [US/US]; 11601 Anatole Ct., Austin, TX 78748 (US). **KOST, Michael, A.** [US/US]; 10301 RR 2222 #2532, Austin, TX 78730 (US). **LARSON, Jan, A.** [US/US]; 1303 Hunter Ace Way, Cedar Park, TX 78613 (US).

(74) **BERRIER, Mark, L.**; Law Offices of Mark L. Berrier, 1250 Capital of Texas Highway South, Building II, Suite 216, Austin, TX 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03G 3/00, 7/00, H03M 7/00

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(21) PCT/IB2004/050324

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03100799.0 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VOLUME CONTROL DEVICE FOR DIGITAL SIGNALS

• DISPOSITIF DE REGLAGE DE VOLUME POUR SIGNAUX NUMERIQUES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **SCHINKEL, Daniel** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN TUIJL, Adrianus, J., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NUIJTEN, Petrus, A., C., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 60/456,414 21 Mar/mar 2003 US (21.03.2003)

(30) 60/469,770 12 May/mai 2003 US (12.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLIP DETECTION IN PWM AMPLIFIER

• DETECTION D'ECRETAGE DANS UN AMPLIFICATEUR MID

(71) **D2AUDIO CORPORATION** [US/US]; 7600 B. Capital of Texas Highway, Suite 130, Austin, TX 78731 (US).

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(72, 75) **ANDERSEN, Jack, B.** [DK/US]; 13123 Amarillo Ave., Austin, TX 78729 (US). **HAND, Larry, E.** [US/US]; 5428 Springhill Loop Rd., Meridian, MS 39301 (US). **TAYLOR, Wilson, E.** [US/US]; 11326 Pompey Court, Austin, TX 78739 (US).

(74) **BERRIER, Mark, L.**; Law Offices of Mark L. Berrier, 1250 Capital of Texas Highway South, Building II, Suite 216, Austin, TX 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/24, H01H 59/00

(11) WO 2004/086617 (13) A1

(21) PCT/JP2004/004091

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082430 25 Mar/mar 2003 JP (25.03.2003)

(30) 2004-074288 16 Mar/mar 2004 JP (16.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MECHANICAL RESONATOR

• RESONATEUR MECANIQUE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

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(72, 75) **NAKAMURA, Kunihiko**

(74) **IWAHASHI, Fumio et al.** / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁶ H03H 11/52

(11) WO 2004/086618 (13) A1

(21) PCT/JP1999/004357

(22) 12 Aug/août 1999 (12.08.1999)

(25) ja (26) ja

(30) 10-239316 26 Aug/août 1998 JP (26.08.1998)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MONLINEAR RESISTENCE CIRCUIT USING CAPACITANCE-COUPLED MULTIPLE-INPUT MOSFET

• CIRCUIT A RESISTANCE NON LINEAIRE METTANT EN OEUVRE UN MOSFET A COUPLAGE CAPACITIF ET ENTREES MULTIPLES

(71, 72) **HORIO, Yoshihiko** [JP/JP]; 17-40-604, Chuoh 1-chome, Warabi-shi, Saitama 335-0004 (JP). **WATARAI, Kenichi** [JP/JP]; 14-6, Nishikubo-cho, Tokiwadaira, Matsudo-shi, Chiba 270-2266 (JP). **AIHARA,**

Kazuyuki [JP/JP]; 8-8-208, Yatsu 4-chome, Narashino-shi, Chiba 275-0026 (JP).

(74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) US.

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(51)⁷ H03K

(11) WO 2004/086619 (13) A2

(21) PCT/US2004/008504

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/393,208 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMPENSATING FOR DIFFERENCES IN SIGNAL PATHS IN AN ELECTRONIC MODULE

• COMPENSATION DES DIFFERENCES DANS DES TRAJETS DE SIGNAUX DANS UN MODULE ELECTRONIQUE

(71) ADC TELECOMMUNICATIONS, INC. [US/US]; 13625 Technology Drive, Eden Prairie, MN 55344-2252 (US).
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(72, 75) KYLLONEN, Kimmo [FI/US]; 1357 Blue Heron Trail, Shakopee, MN 55379 (US).
FERNANDO, Udara [LK/US]; 3908 Cedar Grove Parkway, Apartment 110, Eagan, MN 55122 (US).

(74) FOGG, David, N.; Fogg & Associates, LLC, P.O. Box 581339, Minneapolis, MN 55458-1339 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/84

(11) WO 2004/086620 (13) A1

(21) PCT/EP2004/002903

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03006905.8 26 Mar/mar 2003 EP
(26.03.2003)

(30) 60/459,448 31 Mar/mar 2003 US
(31.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RANDOM SEQUENCE GENERATOR

• GENERATEUR DE SUITES ALEATOIRES

(71) TELEFONAKTIEBOLAGET L MERIC-SSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

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(72, 75) MATTISSON, Sven [SE/SE]; Östanväg 3, S-237 36 Bjärred (SE).

(74) ASKTETORP, Göran; Ström & Gulliksson IPC AB, P.O. Box 793, S-220 07 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) ko (26) en

(30) 10-2003-0018553 25 Mar/mar 2003 KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR OPTIMIZING A DSP INPUT CLOCK USING A COMPARING/ANALYZING CIRCUIT

• PROCÉDE PERMETTANT D'OPTIMISER UNE HORLOGE D'ENTREE DSP A L'AIDE D'UN CIRCUIT DE COMPARAISON/ANALYSE

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-Ri, Bubal-Eub, Ichon-Si, Gyeonggi-Do 467-701 (KR).
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(72, 75) SHIN, Seoung Chul [KR/KR]; Rm 201, 463-27 Amsa 1-dong, Gangdong-gu, Seoul 134-051 (KR).

(74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/13

(11) WO 2004/086622 (13) A1

(21) PCT/JP2003/003640

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DELAY CIRCUIT AND DELAY CIRCUIT CONTROL METHOD

• CIRCUIT DE DELAI ET PROCÉDE DE COMMANDE D'UN CIRCUIT DE DELAI

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) YAMAWAKI, Masashi [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).

(74) YAMANAKA, Ikuo et al. / etc.; Annex 2nd Floor, Nagoya Center Building, 2-22, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (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 H03K 17/74

(11) WO 2004/086623 (13) A1

(21) PCT/IB2004/050227

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) PCT/SG03/00086 28 Mar/mar 2003 SG
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTRONICALLY CONTROLLABLE RF SWITCH

• COMMUTATEUR H.F. A COMMANDE ELECTRONIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) TOH, Kong, Lim [SG/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

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SN TD TG).

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(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/401,327 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LATCHING DYNAMIC LOGIC STRUCTURE

• STRUCTURE LOGIQUE DYNAMIQUE DE VERROUILLAGE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

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(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
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(72, 75) DHONG, Sang, Hoo [US/US]; 10617 Coreopsis Drive, Austin, TX 78733 (US).
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WENDEL, Dieter [DE/DE]; Rilke Weg 12, D-71101 Schoenaich (DE).

(74) MATHER, Belinda; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 19/20

(11) WO 2004/086625 (13) A1

(21) PCT/JP2004/004379

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-086499 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECONFIGURABLE LOGICAL CIRCUIT USING TRANSISTOR HAVING SPIN-DEPENDENT TRANSMISSION CHARACTERISTIC

• CIRCUIT LOGIQUE RECONFIGURABLE UTILISANT UN TRANSISTOR AYANT UNE CARACTERISTIQUE DE TRANSMISSION DEPENDANT DU SPIN

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 3320012 (JP).

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(72, 75) SUGAHARA, Satoshi [JP/JP]; 21-1-603, Honmokuhara, Naka-ku, Yokohama-shi, Kanagawa 2310821 (JP).
MAT-SUNO, Tomohiro [JP/JP]; No. 111, 1-21-6, Takinogawa, Kita-ku, Tokyo 1140023 (JP).
TANAKA, Masaaki [JP/JP]; 647-6-201, Inumakata, Midori-ku, Saitama-shi, Saita 3360921 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5, Mori Building, Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03L 7/093

(11) WO 2004/086626 (13) A1

(21) PCT/EP2004/003261

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 13 884.6 27 Mar/mar 2003 DE
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • FREQUENCY GENERATOR PROVIDED WITH A PHASE-LOCKED LOOP

• GENERATEUR DE FREQUENCE A BOUCLE A PHASE ASSERVIE

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Hansastrasse 27c, 80686 München (DE).

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(72, 75) CHRISTOFFERS, Niels [DE/DE]; Prinzenstrasse 88, 47058 Duisburg (DE).
KOKOZINSKI, Rainer [DE/DE]; Zweibrückener Strasse 8, 46147 Oberhausen (DE).
HOSTICKA, Bedrich [DE/DE]; Wurzelbruch 9, 45478 Mühlheim (DE).
KOLNSBERG, Stephan [DE/DE]; Neuer Weg 86, 47803 Krefeld (DE).

(74) ZINKLER, Franz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK

DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

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(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/394,793 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DECODING EXTENDED ERROR CORRECTING CODES USING SOFT INFORMATION

• CODES DE CORRECTION D'ERREURS A DECODAGE ETENDU UTILISANT UNE INFORMATION PONDEREE

(71) ARRAYCOMM, INC. [US/US]; 2480 North First Street, Suite 200, San Jose, CA 95131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TROTT, Mitchell, D. [US/US]; 216 Central Avenue, Mountain View, CA 94043 (US).
BOROS, Tibor [HU/US]; 400 Beale Street #903, San Francisco, CA 94105 (US).

(74) CALDWELL, Gregory, D. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 1/36, 7/16, 1/14

(11) WO 2004/086628 (13) A1

(21) PCT/JP2003/003654

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENCODER CIRCUIT AND A/D CONVERTER CIRCUIT

• CODEUR ET NUMERISEUR

(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) NAKAMOTO, Hiroyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). GOTOH, Kunihiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (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 H03M 5/08

(11) WO 2004/086629 (13) A1

(21) PCT/IB2004/000852

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0300780-4 24 Mar/mar 2003 SE (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIGITAL PULSE WIDTH CONTROLLED OSCILLATION MODULATOR

• MODULATEUR NUMERIQUE A OSCILLATIONS A LARGEUR D'IMPULSIONS CONTROLEE

(71) BANG & OLUFSEN ICEPOWER A/S [DK/DK]; Gl. Lundetoftevej 1B, Stuen, DK-2800 Lyngby (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIELSEN, OLe, Nies [DK/DK]; Langelandsvej 10B, 4.th, DK-2000 Frederiksberg (DK).

(74) AWAPATENT AB; Box 11394, SE-404 28 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/30, H04L 7/033

(11) WO 2004/086630 (13) A1

(21) PCT/US2004/008714

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,738 21 Mar/mar 2003 US (21.03.2003)

(30) 10/692,079 23 Oct/oct 2003 US (23.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OVERSAMPLING TECHNIQUE TO REDUCE JITTER

• TECHNIQUE DE SURECHANTILLONNAGE VISANT A REDUIRE LA GIGUE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

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(72, 75) CASTLEBARY, Robert, Allen [US/US]; 10915 Peaceful Valley Road, Nevada City, CA 95959 (US). SHERMAN, Robert, Lloyd [US/US]; 116 Holbrooke Way, Grass Valley, CA 95945 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; THOMSON LICENSING INC., Two Independence Way, Suite #200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/086631 (13) A2

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(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,982 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD, APPARATUS AND SYSTEM FOR ENCODING AND DECODING SIDE INFORMATION FOR MULTIMEDIA TRANSMISSION

• PROCEDE, APPAREIL ET SYSTEME DE CODAGE ET DE DECODAGE D'INFORMATIONS SECONDAIRES POUR TRANSMISSION MULTIMEDIA

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARUDADRI, Harinath [CA/US]; 9435 Oviedo Street, San Diego, California 92129 (US). RAMCHANDRAN, Kannan [US/US]; 2555 Tamalpais Avenue, El Cerrito, California 94530 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03M 13/03, 7/40

(11) WO 2004/086632 (13) A1

(21) PCT/IB2004/000950

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03290801.4 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR BUILDING A VARIABLE-LENGTH ERROR-CORRECTING CODE

• PROCEDE ET DISPOSITIF D'ELABORATION D'UN CODE

DE CORRECTION D'ERREUR DE
LONGUEUR VARIABLE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMY, Catherine** [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 PARIS (FR).

(74) **LANDOUSY, Christian**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **H03M 13/09, H04L 1/00, G06F 11/10**

(11) **WO 2004/086633** (13) A1

(21) PCT/EP2004/003036

(22) **27 Feb/fév 2004 (27.02.2004)**

(25) en (26) en

(30) 10/249,290 **28 Mar/mar 2003 US (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ITERATIVE CIRCUIT AND METHOD FOR VARIABLE WIDTH PARALLEL CYCLIC REDUNDANCY CHECK (CRC) CALCULATION

• CIRCUIT ITERATIF ET PROCEDE DE CALCUL DU CONTROLE CYCLIQUE PAR REDONDANCE (CRC) PARALLELE, A LARGEUR VARIABLE

(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)

(71) **COMPAGNIE IBM FRANCE** [FR/FR]; Tour Descartes, La Défense 5, 2, Avenue Gambetta, F-92400 Courbevoie (FR).
(only for / seulement pour MC)

(72, 75) **LIN, Ming-I, M.** [Stateless / apartheid/US]; 20 Joy Drive nb 305, South Burlington, VT 05403 (US). **STAUFFER, David, R.** [US/US]; 21 Steeplebush Road, nb 8, Essex Junction, VT 05452 (US).

(74) **DE PENA, Alain**; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H03M 13/25, 13/29, 13/35, H04L 27/00, 1/00, H04B 7/26, 7/06**

(11) **WO 2004/086634** (13) A1

(21) PCT/JP2004/003907

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-083500 **25 Mar/mar 2003 JP (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ENCODING APPARATUS AND ENCODING METHOD

• APPAREIL DE CODAGE ET PROCEDE DE CODAGE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOSHINO, Masayuki**GOLITSCHKEK, Alexander

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki, 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H03M 13/41**

(11) **WO 2004/086635** (13) A1

(21) PCT/EP2003/003179

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIST OUTPUT VITERBI DECODER WITH BLOCKWISE ACS AND TRACE-BACK

• DECODEUR DE VITERBI A SORTIE EN LISTE AVEC ACS DE TYPE BLOC ET RETRACAGE

(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) **HANSEN, Roy, Skovgaard** [DK/DK]; Kai Lippmanns Alle, DK-2791 Dragoer (DK). **BJOERN-JOERGENSEN, Peter** [DK/DK]; Egermvaenget 15, DK-4000 Roskilde (DK).

(74) **GEARY, Stuart et al. / etc.; Venner, Shipley LLP**, 20 Little Britain, London EC1A 7DH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086636** (13) A2

(21) PCT/US2004/007538

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 10/395,782 **24 Mar/mar 2003 US (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR REDUCING CO-CHANNEL INTERFERENCE IN A COMMUNICATION SYSTEM

• PROCEDE ET DISPOSITIF PERMETTANT DE REDUIRE LE BROUILLAGE DANS LE MEME CANAL DANS UN SYSTEME DE TELECOMMUNICATION

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUM, Kevin, L.** [US/US]; 3450 Richnee Lane, Rolling Meadows, IL 60008 (US). **CLASSON, Brian, K.** [US/US]; 756 W. Bloomfield Court, Palatine, IL 60067 (US). **CUDAK, Mark, C.** [US/US]; 3318 Chestnut Drive, McHenry, IL 60050 (US). **NANGIA, Vijay** [IN/US]; 1139 Pine Valley Drive, #304, Schaumburg, IL 60173 (US).

(74) **PACE, Lalita, W. et al. / etc.**; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086637 (13) A2

(21) PCT/US2004/008864

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,509 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIRECT-CONVERSION RECEIVER SYSTEM AND METHOD WITH QUADRATURE BALANCING AND DC OFFSET REMOVAL

• SYSTEME ET PROCEDE DE RECEPTEUR A CONVERSION DIRECTE AVEC EQUILIBRAGE EN QUADRATURE ET ELIMINATION DE DECALAGE EN CONTINU

(71) QUORUM SYSTEMS [US/US]; 6650 Lusk Blvd., B204, San Diego, CA 92121 (US).

(72) MALONE, Lawrence, J.; 3704 Azimuth Place, Carlsbad, CA 92008 (US). CHRISTENSEN, Lon, W.; 4090-95 Rosenda Court, San Diego, CA 92122 (US).

(74) ZILKA, Kevin, J.; Silicon Valley IP Group, PC, P.O. Box 721120, San Jose, CA 95172-1120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/12

(11) WO 2004/086638 (13) A2

(21) PCT/PL2004/000023

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) P 359304 24 Mar/mar 2003 PL (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CALIBRATION OF A SIGNAL RECEIVER

• PROCEDE D'ETALONNAGE D'UN RE-CEPTEUR DE SIGNAUX

(71) ADVANCED DIGITAL BROADCAST LTD.; 15F, 205, Section 3, Pei-hsin Road, Hsin-Tien City, Taipei County, 231 (TW). ADVANCED DIGITAL BROADCAST POLSKA SP. Z O.O. [PL/PL]; Trasa Pólnocna 16, PL-65-119 Zielona Góra (PL).

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(72, 75) ZYLOWSKI, Sebastian [PL/PL]; ul. Porzeczowska 2/4, PL-65-001 Zielona Góra (PL).

(74) PASSOWICZ, Marek; Rzecznix Patentowi, "Dr Andrzej Au & Co ", ul. Mielzynskiego 27/29, PL-60-725 Poznań (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/20

(11) WO 2004/086639 (13) A1

(21) PCT/IB2004/050298

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) PCT/SG03/00085 27 Mar/mar 2003 SG (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE, CONTROLLER, METHOD AND SIGNAL FOR REMOTE CONTROL

• DISPOSITIF, UNITE DE COMMANDE, PROCEDE ET SIGNAL DE TELECOMMANDE

(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) VERDICKT, Guenter [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KWEK, Kenneth, L., C. [SG/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LAM, Weng, K. [SG/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04L 12/28

(11) WO 2004/086640 (13) A1

(21) PCT/JP2004/004100

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-082162 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ACCESS POINT
• POINT D'ACCES

(71) BUFFALO INC. [JP/JP]; 15-Ban, Shibatahondori 4-Chome, Minami-Ku, Nagoya-shi, Aichi, 4578520 (JP).

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(72, 75) ISHIDOSHIO, Takashi [JP/JP]; c/o BUFFALO INC., 15-Ban, Shibatahondori 4-Chome Minami-Ku, Nagoya-shi, Aichi, 4578520 (JP).

(74) TOKKYO GYOMUHOJIN MEISEI INTERNATIONAL PATENT FIRM; Mit-sui-Sumitomo Bank Bldg., 7th floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi, 4600003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/50

(11) WO 2004/086641 (13) A1

(21) PCT/JP2004/003948

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-080277 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ANTENNA CIRCUIT

• CIRCUIT D'ANTENNE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) HASHIMOTO, KojiOZEKI, HiroakiKITAMURA, Hirokazu

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/69

(11) WO 2004/086642 (13) A1

(21) PCT/KR2004/000651

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko (26) en

(30) 10-2003-0018548 25 Mar/mar 2003 KR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR SELECTING CDMA REVERSE LINK SIGNAL

• APPAREIL PERMETTANT DE SÉLECTIONNER UN SIGNAL DE LIAISON INVERSE AMRC

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Ichon-si, Kyongki-do 467-701 (KR).
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(72, 75) LEE, Woo Jae [KR/KR]; Sinmyeong Apt., 202-204 Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR).

(74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/69

(11) WO 2004/086643 (13) A1

(21) PCT/KR2004/000656

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko (26) en

(30) 10-2003-0018555 25 Mar/mar 2003 KR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR DUPLEXING A CLOCK BOARD

• PROCEDE DE DUPLEXAGE D'UNE CARTE D'HORLOGE

(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Ichon-si, Kyongki-do 467-701 (KR).
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(72, 75) BAE, Eun Hae [KR/KR]; 417-1 Daerim-ri, Hanrim-eub, Bukjeju-gun, Jeju-do 695-830 (KR).

(74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/707

(11) WO 2004/086644 (13) A1

(21) PCT/JP2004/003924

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-088928 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SPREAD CODE GENERATION METHOD, SPREAD CODE GENERATION DEVICE, AND COMMUNICATION METHOD

• PROCEDE ET DISPOSITIF DE GÉNÉRATION DE CODE PAR ÉTALEMENT, ET PROCEDE DE COMMUNICATION

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
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(72, 75) SANO, Hiroyasu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku Tokyo, 1008310 (JP).

(74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/707

(11) WO 2004/086645 (13) A1

(21) PCT/JP2004/003927

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-084993 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PATH DETECTION DEVICE AND PATH DETECTION METHOD

• DISPOSITIF DE DÉTECTION DE TRAJECT ET PROCEDE DE DÉTECTION DE TRAJECT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) SASAKI, DaizoNAKA, Katsuyoshi-TANBO, Hideaki

(74) WASHIDA, Kimihito; 5th Floor, Shintoshi-center Bldg., 24-1, Tsurumaki, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/54

(11) WO 2004/086646 (13) A1

(21) PCT/SE2004/000442

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0300815-8 25 Mar/mar 2003 SE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR DATA COMMUNICATION

• PROCEDE ET DISPOSITIF DE COMMUNICATION DE DONNEES

(71) **IPROBE AB** [SE/SE]; Timmermansgatan 43, S-118 55 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASPLUND, Johan** [SE/SE]; Timmermansgatan 43, S-118 55 Stockholm (SE).

(74) **ESTREEN, Lars et al.** / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/00

(11) **WO 2004/086647** (13) A2

(21) PCT/FR2004/000655

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) fr (26) fr

(30) 03/03519 **21 Mar/mar 2003 FR (21.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF IMPROVING THE PERFORMANCE OF A MOBILE RADIO-COMMUNICATION SYSTEM

• PROCEDE POUR AMELIORER LES PERFORMANCES D'UN SYSTEME DE RADIOCOMMUNICATIONS MOBILES

(71) **EVOLIUM S.A.S.** [FR/FR]; 12, rue de la Baume, F-75008 Paris (FR).

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(72, 75) **AGIN, Pascal** [FR/FR]; 2, rue du Clos de Pacy, F-94370 Sucy en Brie (FR).

(74) **EL MANOUNI, Josiane et al.** / etc.; Compagnie Financière Alcatel DPI, 5, rue Noël Pons, 92734 Nanterre Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H04B 7/00

(11) **WO 2004/086648** (13) A1

(21) PCT/KR2004/000650

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) ko (26) en

(30) 10-2003-0018547 **25 Mar/mar 2003 KR (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR STORING AND RUNNING APPLICATION PROGRAM IN FLASH-ROM

• PROCEDE DE STOCKAGE ET D'EXECUTION D'UN PROGRAMME D'APPLICATION DANS UNE MEMOIRE ROM FLASH

(71) **UTSTARCOM KOREA LIMITED** [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Ichon-si, Kyongki-do 467-701 (KR).

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(72, 75) **BAEK, Jo Heum** [KR/KR]; Sunkyung 2-cha Apt. 110-707, 279-1 Sangdaewon-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do 462-120 (KR).

(74) **YOON, Jee Hong**; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086649** (13) A1

(21) PCT/CA2003/000420

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND SYSTEM FOR POWER CONTROL DURING THE TRAFFIC CHANNEL INITIALIZATION PERIOD IN A CDMA NETWORK

• PROCEDE ET SYSTEME DE REGLAGE DE PUISSANCE LORS DE LA PERIODE D'INITIALISATION DE CANAL DE TRAFIC DANS UN RESEAU CDMA

(71) **RESEARCH IN MOTION LIMITED** [CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA).

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(72, 75) **ZHAO, Wen** [CA/CA]; 27 Wynridge Place, Kanata, Ontario K2M 2S8 (CA).
JIN, Xin [CA/CA]; 508-1129 Meadowlands Drive, Nepean, Ontario K2E 6J6 (CA).

(74) **PATHIYAL, Krishna, K. et al.** / etc.; Research In Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H04B 7/005

(11) **WO 2004/086650** (13) A1

(21) PCT/CN2003/000226

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) zh (26) zh

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD FOR DETERMINING REFERENCE POWER IN THE DOWNLINK POWER BALANCE TECHNOLOGY IN THE CASE OF SOFT HAND-OFF

• PROCEDE DE DETERMINATION DE LA PUISSANCE DE REFERENCE DANS LA TECHNOLOGIE D'EQUILIBRE DES PUISSANCES DE LIAISONS DESCENDANTES EN CAS DE TRANSFERT EN DOUCEUR

(71) **UTSTARCOM (CHINA) CO, LTD.** [CN/CN]; B/F. 11, CNT Manhattan Bldg., Dongsishitiao Str., Beijing 100027 (CN).
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(72, 75) **LIU, Sheng** [CN/CN]; 3/F., Legend Bldg., High-Tech Industrial Park, Shenzhen, Guangdong 518057 (CN).
ZHAO, Baijun [CN/CN]; 3/F., Legend Bldg., High-Tech Industrial Park, Shenzhen, Guangdong 518057 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Vantone New

- World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/005, H03G 3/30
(11) WO 2004/086651 (13) A1
(21) PCT/IB2004/050301
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 03100801.4 27 Mar/mar 2003 EP (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • POWER SAVING IN A TRANSMITTER
• ECONOMIE D'ENERGIE DANS UN EMETTEUR
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) GRILLO, Giuseppe [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DE VEN, Pepijn, W., J. [IE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BLANKEN, Pieter, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LEENAERTS, Dominicus, M., W. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHOOF, Francis, A., C., [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DUIJVESTIJN, Adrianus, J.; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/08, H04Q 7/30
(11) WO 2004/086652 (13) A1
(21) PCT/CA2004/000462
(22) 29 Mar/mar 2004 (29.03.2004)
(25) en (26) en
- (30) 60/458,012 28 Mar/mar 2003 US (28.03.2003)
(30) 10/642,686 19 Aug/aout 2003 US (19.08.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD AND APPARATUS FOR PROCESSING MULTIPLE COMMON FREQUENCY SIGNALS THROUGH A SINGLE CABLE
• PROCÉDÉ ET APPAREIL POUR TRAITER PLUSIEURS SIGNAUX DE FRÉQUENCE COMMUNE PAR UN SEUL CÂBLE
(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St-Laurent, Quebec H4S 2A9 (CA).
(72) DEANE, Peter; 4779 Newtown Road, Fitzroy Harbour, Ontario K0A 1X0 (CA). LEGNAIN, Abdelgader; 66-F Brockington Cres., Nepean, Ontario K2G 5L1 (CA). DA SILVEIRA, Marthinus; 7 Clouthier Street, Nepean, Ontario K2J 4T4 (CA). MC-GOWAN, Neil; 5 Kearnsley Way, Stittsville, Ontario K2S 1G8 (CA).
(74) HASZKO, Dennis, R. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza LLP, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 H04B 7/155, H04J 13/00
(11) WO 2004/086653 (13) A1
(21) PCT/JP2004/003906
(22) 23 Mar/mar 2004 (23.03.2004)
(25) ja (26) ja
(30) 2003-081996 25 Mar/mar 2003 JP (25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • RANDOM ACCESS CONTROL METHOD, BASE STATION, AND TERMINAL DEVICE
• PROCÉDÉ DE COMMANDE D'ACCÈS ALEATOIRE, STATION DE BASE ET DISPOSITIF TERMINAL
(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SANO, Hiroyasu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku Tokyo, 1008310 (JP).
- (74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ H04B 7/26
(11) WO 2004/086654 (13) A1
(21) PCT/KR2004/000649
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ko (26) en
(30) 10-2003-0018546 25 Mar/mar 2003 KR (25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • APPARATUS FOR PROCESSING DIGITAL IF SIGNALS CAPABLE OF DETECTING JAMMING SIGNALS
• DISPOSITIF DE TRAITEMENT DE SIGNAUX IF NUMÉRIQUES PERMETTANT DE DÉTECTER DES SIGNAUX DE BROUILLAGE
(71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LEE, Kyung Han [KR/KR]; Hyundai 5-cha Apt. 502-403, Sadong-ri, Daewol-myeon, Icheon-si, Gyeonggi-do 467-850 (KR).
(74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/00
(11) WO 2004/086655 (13) A1
(21) PCT/KR2004/000654

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko (26) en

(30) 10-2003-0018554 25 Mar/mar 2003 KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TRUNK LINE DU-
PLEXING PROTECTION USING A
HARDWARE WATCHDOG• PROCEDE DE PROTECTION CONTRE
LE DUPLEXAGE D'UNE LIGNE DE RE-
SEAU AU MOYEN D'UN CHIEN DE
GARDE MATERIEL(71) UTSTARCOM KOREA LIMITED
[KR/KR]; San 136-1, Ami-ri, Bubal-cub,
Icheon-si, Kyongki-do 467-701 (KR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JUNG, Yeong Weon [KR/KR]; Hyundai
5-cha Apt., 504-702 Daewol-myeon,
Icheon-si, Gyeonggi-do 467-736 (KR).(74) YOON, Jee Hong; Hannuri Bldg., 219,
Naeja-dong, Chongno-gu, Seoul 110-053
(KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04H 1/00, H04L 12/16, H04Q 7/32,
H04N 7/35

(11) WO 2004/086656 (13) A1

(21) PCT/IB2004/001077

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0306840.0 25 Mar/mar 2003 GB
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSMISSION PARAMETER IN-
FORMATION• INFORMATIONS RELATIVES A DES
PARAMETRES DE TRANSMISSION(71) NOKIA CORPORATION [FI/FI];
Keilalahdenite 4, FIN-02150 Espoo (FI).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VARE, Jani [FI/FI]; Markulantie 121 A
6, FIN-20320 Turku (FI). KALLIO, Jarno
[FI/FI]; Kanslerintie 1 As. 37, FIN-20200
Turku (FI). PUPUTTI, Matti [FI/FI]; Uuden-
mannkatu 12 B 35, FIN-20500 Turku (FI).
TALMOLA, Pekka [FI/FI]; Varpusenkatu 2,
FIN-20240 Turku (FI).(74) DERRY, Paul et al. / etc.; Venner, Shipley
LLP, 20 Little Britain, London EC1A 7DH
(GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DEDK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04H 1/00

(11) WO 2004/086657 (13) A2

(21) PCT/JP2004/004183

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003-082402 25 Mar/mar 2003 JP
(25.03.2003)(30) 2003-383529 13 Nov/nov 2003 JP
(13.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • WIRELESS TERMINAL DEVICE
• DISPOSITIF TERMINAL SANS FIL(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) KATO, HisayaOZEKI, Hiroaki

(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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04H 1/00

(11) WO 2004/086658 (13) A1

(21) PCT/SE2004/000129

(22) 2 Feb/fév 2004 (02.02.2004)

(25) sv (26) en

(30) 0300827-3 25 Mar/mar 2003 SE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF OPTIONALLY TRANS-
FERRING INFORMATION• PROCEDE DE TRANSFERT OPTION-
NEL D'INFORMATIONS(71) AIRNET HOLDING AB [SE/SE]; P.O Box
152, S-132 25 Saltsjö-Boo (SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DAMBERG, Bertil [SE/SE]; Kum-
melnsvägen 7, S-132 37 Saltsjö-Boo (SE).
ÖSTLUND, Tomas [SE/SE]; Sorögatan 7,
S-164 41 Kista (SE).(74) ÖRTENBLAD, Bertil et al. / etc.; Noréns
Patentbyrå AB, Box 10198, S-100 55
STOCKHOLM (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ H04H 1/60, G06F 17/60, 19/00

(11) WO 2004/086659 (13) A1

(21) PCT/JP2004/001137

(22) 4 Feb/fév 2004 (04.02.2004)

(25) ja (26) ja

(30) 2003-088143 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ADVERTISEMENT MANAGING
METHOD AND BROADCASTING
APPARATUS• PROCEDE DE GESTION DE PUBLI-
CITE ET APPAREIL DE RADIODIFFU-
SION(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2118588 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MASHIMO, Seiichi [JP/JP]; C/o Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa, 2118588
(JP). HATTA, Hiroyuki [JP/JP]; C/o Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa, 2118588
(JP).(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo, 1506032 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 3/00

(11) WO 2004/086660 (13) A1

(21) PCT/CN2003/001156

(22) 31 Dec/déc 2003 (31.12.2003)

(25) zh (26) zh

(30) 03121345.6 26 Mar/mar 2003 CN
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD ABOUT DATA TRANSMISSION OF A TDD MOBILE COMMUNICATION SYSTEM

• PROCEDE DE TRANSMISSION DE DONNEES D'UN SYSTEME DE COMMUNICATION MOBILE EN TDD

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Yuehua [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). ZHOU, Lei [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). HU, Hao [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). MA, Sha [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). CHEN, De [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No.10 Huayuan-Donglu, Haidian District, Beijing 100083 (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 11/00

(11) WO 2004/086661 (13) A1

(21) PCT/JP2003/003708

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OFDM TRANSMITTING METHOD, TRANSMITTER, AND RECEIVER

• PROCEDE DE TRANSMISSION OFDM, EMETTEUR ET RECEPTEUR ASSO-CIES

(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) SCHEID, Albrecht [DE/DE]; Walter-Rietig-Str. 26, 63225 Langen (DE). KISODA, Akira [JP/JP]; 1-11-5-202, Kajimachi, Moriguchi-shi, Osaka 570-0015 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiro-1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 11/00

(11) WO 2004/086662 (13) A1

(21) PCT/NZ2004/000060

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 524929 25 Mar/mar 2003 NZ
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR IMPROVING THE PERFORMANCE OF PILOT SYMBOL ASSISTED RECEIVERS IN THE PRESENCE OF NARROWBAND INTERFERENCE

• PROCEDE ET DISPOSITIF SERVANT A AMELIORER LES PERFORMANCES DE RECEPTEURS ASSISTES PAR UN SYMBOLE PILOTE EN PRESENCE DE PARASITES DE BANDE ETROITE

(71) INDUSTRIAL RESEARCH LIMITED [NZ/NZ]; Brooke House, 24 Balfour Road, Parnell, Auckland 1007 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COULSON, Alan, James [NZ/NZ]; 31 Collingwood Street, Waterloo, Lower Hutt (NZ).

(74) THOMSON, Keith, C.; A J Park, 6th Floor, Huddart Parker Building, Post Office Square, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04K 1/00

(11) WO 2004/086663 (13) A2

(21) PCT/FR2004/000672

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr (26) fr

(30) 03/03803 24 Mar/mar 2003 FR
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TELEPHONE COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION TELEPHONIQUE

(71) SAGEM S.A. [FR/FR]; Le Ponant de Paris, 27, rue Leblanc, F-75512 Paris Cedex 15 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEMASSON, Eric [FR/FR]; 61, allée des Gentianes, F-95180 Menucourt (FR).

(74) DEBAY, Yves; Cabinet Debay, 126, Elysée 2, F-78170 La Celle St-Cloud (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086664 (13) A2

(21) PCT/IL2004/000144

(22) 16 Feb/fév 2004 (16.02.2004)

(25) en (26) en

(30) 155121 27 Mar/mar 2003 IL
(27.03.2003)

(30) 156950 15 Jul/juil 2003 IL
(15.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMPROVED CFM MODE SYSTEM

• SYSTEME DE CRYPTAGE AMELIORE EN MODE CFM

(71) NDS LIMITED [GB/GB]; One London Road, Staines, Middlesex TW18 4EX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BELENKY, Yaacov [IL/IL]; 27/2 Hakinor Street, Maaleh Adumim 98371 (IL). SHEN-ORR, Chaim, D. [IL/IL]; 16 Kiryat Sefer Street, Haifa 34676 (IL).

(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, Rehovot 76122 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086665 (13) A2
- (21) PCT/US2004/008698
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/394,874 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SYSTEMS AND METHODS FOR ARBITRATING QUANTUM CRYPTOGRAPHIC SHARED SECRETS
- SYSTEMES ET METHODES D'ARBITRATION DE SECRETS PARTAGES CRYPTOGRAPHIQUES QUANTIQUES
- (71) BBNT SOLUTIONS LLC [US/US]; 10 Moulton Street, Cambridge, MA 02138 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BRIG, Barnum, Elliott [US/US]; 25 Wollaston Avenue, Arlington, MA 02476 (US). PEARSON, David, Spencer [US/US]; Shadowbrook Farm, 1601 Monument Avenue, Bennington, VT 05201 (US).
- (74) KELLY, Edward, J.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/086666 (13) A2
- (21) PCT/US2004/008699
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/456,624 21 Mar/mar 2003 US (21.03.2003)
- (30) 10/803,509 18 Mar/mar 2004 US (18.03.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SYSTEMS AND METHODS FOR QUANTUM CRYPTOGRAPHIC KEY TRANSPORT

- SYSTEMES ET PROCEDES DE TRANSPORT DE CLES CRYPTOGRAPHIQUES QUANTIQUES
- (71) BBNT SOLUTIONS LLC [US/US]; 10 Moulton Street, Cambridge, MA 02138 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PEARSON, David, Spencer [US/US]; Shadowbrook Farm, 1601 Monument Avenue, Bennington, VT 05201 (US). BRIG, Barnum, Elliott [US/US]; 25 Wollaston Avenue, Arlington, MA 02476 (US).
- (74) KELLY, Edward, J. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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
- (11) WO 2004/086667 (13) A2
- (21) PCT/US2004/009237
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,529 24 Mar/mar 2003 US (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SELF-CONFIGURING, SELF-OPTIMIZING WIRELESS LOCAL AREA NETWORK SYSTEM
- SYSTEME DE RESEAU DE SECTEUR LOCAL, SANS FIL, A AUTO-CONFIGURATION ET A AUTO-OPTIMISATION
- (71) STRIX SYSTEMS, INC. [US/US]; 26610 Agoura Road, Calabasas, CA 91302 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KALIKA, Leonid [US/US]; 2118 Wilshire Boulevard #609, Santa Monica, CA 90403 (US). BERG, Alexander [US/US]; 19790 Greenbriar Drive, Tarzana, CA 91356 (US). ABRAHAM, Gabi [IL/US]; 5378 Sacramento Drive, Oak Park, CA 91377 (US). IRANI, Cyrus [US/US]; 1445 Via Coronel, Palos Verdes Estates, CA 90274 (US).
- (74) DALEY-WATSON, Christopher, J. et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/00
- (11) WO 2004/086668 (13) A1
- (21) PCT/CA2004/000476
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,021 28 Mar/mar 2003 US (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • WIRELESS LINK WITH ADAPTIVE MODULATION AND DIFFERENT QUALITIES OF SERVICE
- LIAISON SANS FIL AVEC MODULATION ADAPTATIVE ET DIFFERENTES QUALITES DE SERVICE
- (71) SOCOVAR, S.E.C. [CA/CA]; 1100 Notre-Dame Street West, Montreal, Québec H3C 1K3 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BELZILE, Jean [CA/CA]; 850, 44th Avenue, Lachine, Québec H8T 2L1 (CA). GAGNON, François [CA/CA]; 135, 56th Avenue, Lachine, Québec H8T 3B8 (CA). BATANI, Naim [CA/CA]; 355 Blue Haven, Dollard-des-Ormeaux, Québec H9G 1S8 (CA). MALENFANT, Lévis [CA/CA]; 8 l'Anse aux Bateaux, Hull, Québec J8Z 3P4 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 1/00, 1/06, 25/03
- (11) WO 2004/086669 (13) A1
- (21) PCT/GB2004/001096
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) en (26) en
- (30) 0306712.1 24 Mar/mar 2003 GB (24.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR SIGNAL DETECTION
- PROCEDE ET DISPOSITIF DE DETECTION DE SIGNAL

(71) **UNIVERSITY OF BRISTOL** [GB/GB]; 3rd Floor, Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
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(72, 75) **NIX, Andrew** [GB/GB]; 7 Bellview, Clifton, Bristol BS8 1DA (GB). **KASPARIS, Christos** [CY/GR]; 49 Paradissou Street, GR-15125 Maroussi (GR). **PIECHOCKI, Robert** [PL/GB]; 3 Jessop Court, Ferry Street, Bristol BS1 6HW (GB).

(74) **O'CONNELL, David, Christopher**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04N 7/64

(11) WO 2004/086670 (13) A1

(21) PCT/SE2004/000462

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0300832-3 25 Mar/mar 2003 SE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA TRANSMISSION SYSTEM

• SYSTEME DE TRANSMISSION DE DONNEES

(71) **TERACOM AB** [SE/SE]; P.O. Box 17666, S-118 92 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STARE, Erik** [SE/SE]; Allévågen 76, S-192 76 Sollentuna (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/20, 1/00

(11) WO 2004/086671 (13) A1

(21) PCT/EP2004/050282

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 03290772.7 27 Mar/mar 2003 EP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • QUALITY OF SERVICE METRIC FOR COMMUNICATION SYSTEMS

• MESURE DE LA QUALITE DE SERVICE POUR SYSTEMES DE COMMUNICATION

(71) **MOTOROLA INC** [US/US]; 1303 E.Algonquin Road, Schaumburg, IL 60196 (US).
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(72, 75) **SIMOENS, Sebastien** [FR/FR]; Allee d'Honneur, F-92330 Sceaux (FR). **CALVESE STRINATI, Emilio** [FR/FR]; 16 Rue Lafontaine apt 16, F-92160 Antony (FR). **BOUTROS, Joseph, Jean** [FR/FR]; 15 rue Allard, F-94160 Saint Mandé (FR).

(74) **MCCORMACK, Derek, J.**; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 9/18

(11) WO 2004/086672 (13) A1

(21) PCT/JP2003/003596

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE, METHOD, AND PROGRAM FOR ENCRYPTION AND DECRYPTION AND RECORDING MEDIUM

• DISPOSITIF, PROCEDE, ET LOGICIEL DE CRYPTAGE ET DECRYPTAGE, ET SUPPORT D'ENREGISTREMENT

(71) **COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION** [JP/JP]; 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP).

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(72, 75) **HASEGAWA, Akio** [JP/JP]; C/O COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP). **KIM, Song-Ju** [KP/JP]; C/O COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP). **UMENO,**

Ken [JP/JP]; C/O COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP).

(74) **SUGIURA, Masatomo**; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) CN JP KR US.

(51)⁷ H04L 9/26, G06F 7/58

(11) WO 2004/086673 (13) A1

(21) PCT/JP2003/003595

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE, METHOD, AND PROGRAM FOR RANDOM NUMBER GENERATION, ENCRYPTION, AND DECRYPTION, AND RECORDING MEDIUM

• DISPOSITIF, PROCEDE ET LOGICIEL DE GENERATION DE NOMBRES ALEATOIRES, DE CRYPTAGE, DE DECRYPTAGE, ET SUPPORT D'ENREGISTREMENT

(71) **COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION** [JP/JP]; 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Song-Ju** [KP/JP]; C/O COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP). **HASEGAWA, Akio** [JP/JP]; C/O COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP).

UMENO, Ken [JP/JP]; C/O COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, 4-2-1 Nukui-Kitamachi, Koganei-shi, Tokyo 184-8795 (JP).

(74) **SUGIURA, Masatomo**; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) CN JP KR US.

(51)⁷ H04L 12/02

(11) WO 2004/086674 (13) A1

(21) PCT/KR2004/000643

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko (26) en

(30) 10-2003-0018550 25 Mar/mar 2003 KR (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • AMLA BOARD

• CARTE AMLA

(71) **UTSTARCOM KOREA LIMITED** [KR/KR]; San 136-1, Ami-ri, Bupal-eub, Ichon-si, Kyongki-do 467-701 (KR).
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(72, 75) NA, **Youn Chul** [KR/KR]; Gongmuwon Apt. 804-809, 611-1 Irwon-dong, Gangnam-gu, Seoul 135-230 (KR).

(74) AN, **Kook Chan**; Hannuri Bldg., 219, Naejadong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 12/14

(11) WO 2004/086675 (13) A1

(21) PCT/EP2004/000937

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 103 13 628.2 26 Mar/mar 2003 DE (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TRANSMITTING USER DATA INCLUDING INFORMATION ON COST ASSUMPTION IN A COMMUNICATION NETWORK
• PROCEDE DE TRANSMISSION DE DONNEES UTILES Y COMPRIS DES INFORMATIONS DE PRISE EN CHARGE DE COUTS DANS UN RESEAU DE COMMUNICATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) JERBI, Belhassen [DE/DE]; Sanddornweg 4, 85551 Kirchheim (DE). LAUMEN, Josef [DE/DE]; Martin-Boyken-Ring 30, 31142 Hildesheim (DE). SCHMIDT, Andreas [DE/DE]; Alter Weg 1A, 38124 Braunschweig (DE). TRAUBERG, Markus [DE/DE]; Valkeakoskistr. 6, 38159 Velchede (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 12/22, H04K 1/00, G06F 11/30, 17/60

(11) WO 2004/086676 (13) A1

(21) PCT/US2004/008228

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/455,761 19 Mar/mar 2003 US (19.03.2003)

(30) Not furnished / 18 Mar/mar 2004 US non communiqué (18.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR MOBILE TRANSACTIONS USING THE BEARER INDEPENDENT PROTOCOL
• SYSTEME ET PROCEDE DE TRANSACTIONS MOBILES A L'AIDE DU PROTOCOLE INDEPENDANT DU SUPPORT

(71) WAY SYSTEMS, INC. [US/US]; 200 Unicorn Park, Woburn, MA 01801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GOLDTHWAITE, Scott [US/US]; 15 Oregon Court, Hingham, MA 02043 (US). PETROV, Andrew, A.; 16 Lavander Drive, Princeton, NJ 08540 (US). DOUDKINE, Andrei [BY/US]; One Carol Way #401, Salem, MA 01970 (US).

(74) COLLINS, Alik, K.; AKC Patents, 215 Grove Street, Newton, MA 02466 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 29/06

(11) WO 2004/086677 (13) A1

(21) PCT/EP2004/003683

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,339 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A VoIP COMMUNICATIONS NETWORK TESTING METHOD AND APPARATUS
• PROCEDE ET APPAREIL D'ESSAI DE RESEAU DE COMMUNICATIONS VOIX SUR IP

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) BROWN, Bruce, [US/US]; 6101 Vista Linda Lane, 33433 Boca Raton, FL (US).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 12/26

(11) WO 2004/086678 (13) A2

(21) PCT/FR2004/050111

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03/50056 19 Mar/mar 2003 FR (19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR EVALUATING THE BANDWIDTH OF A DIGITAL LINK
• PROCEDE D'EVALUATION DE LA BANDE PASSANTE D'UNE LIAISON NUMERIQUE

(71) ACTERNA IPMS [FR/FR]; Parc Héliopolis ZI de Pissaloup, Rue Edouard Branly, F-78190 Trappes (FR).
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(72, 75) SCHMITT, Jean [FR/FR]; 2, rue de la Folie, F-28260 Rouvres (FR). LE FOLL, Dominique [FR/GB]; 19 Drovers, Ivybridge, Devon PL21 9XA (GB). GHITA, Bogdan

- [RO/RO]; Str Breaza n°8, Bld V23b, Sc.2, Ap. 57, Sector 3, R-Bucarest (RO).
- (74) **POULIN, Gérard**; BREVALEX, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/086679 (13) A1
- (21) PCT/CN2004/000229
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) zh (26) zh
- (30) 03121428.2 28 Mar/mar 2003 CN (28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR ACTIVATION AND DEECITATION IN LOCATION SERVICE
- PROCEDE SERVANT A ACTIVER ET DESACTIVER UN SERVICE DE LOCALISATION
- (71) **HUAWEI TECHNOLOGIES, CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUAN, Xiaoqin** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). **ZHANG, WenLin** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/086681 (13) A2
- (21) PCT/IB2004/001055
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 03007069.2 27 Mar/mar 2003 EP (27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ACCESS TO A WIRELESS LOCAL AREA NETWORK
- ACCES A UN RESEAU LOCAL SANS FIL
- (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) **ROONEY, Sean** [IE/CH]; Uetlibergstrasse 42, CH-8045 Zurich (CH). **SCOTTON, Paolo** [IT/CH]; Sennhuettenstrasse 37, CH-8810 Horgen (CH).
- (74) **KLETT, Peter, M. et al. / etc.**; IBM Research GmbH, Zurich Research Laboratory /
- IPL., Saecumerstrasse 4 / Postfach, CH-8803 Rueschlikon (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/086682 (13) A1
- (21) PCT/JP2004/002898
- (22) 5 Mar/mar 2004 (05.03.2004)
- (25) ja (26) ja
- (30) 2003-086160 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • RADIO COMMUNICATION SYSTEM
- SYSTEME DE TRANSMISSION RADIO
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OGISO, Takayuki** [JP/JP] **FUKUDA, Kunio** [JP/JP]
- (74) **NAKAMURA, Tomoyuki**; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/086683 (13) A1
- (21) PCT/JP2004/003325
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) ja (26) ja
- (30) 2003-084147 26 Mar/mar 2003 JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD, RECORDING MEDIUM, AND PROGRAM

- DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS, SUPPORT D'ENREGISTREMENT ET PROGRAMME
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUKUDA, Kunio** [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
- (74) **INAMOTO, Yoshio**; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-086224 **26 Mar/mar 2003** JP (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • RADIO INFORMATION COMMUNICATING SYSTEM
- SYSTEME DE COMMUNICATION D'INFORMATIONS RADIO
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUMOTO, Takashi**
- (74) **OGASAWARA, Shiro**; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 5640053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/KR2004/000644
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ko (26) en
- (30) 10-2003-0018551 **25 Mar/mar 2003** KR (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • LINE CARD USING NETWORK PROCESSOR FOR USE IN COMPACT ATM EXCHANGER
- CARTE DE LIGNE EMPLOYANT UN PROCESSEUR DE RESEAU DESTINEE A UN ECHANGEUR MTA COMPACT
- (71) **UTSTARCOM KOREA LIMITED** [KR/KR]; San 136-1 Ami-Ri, Bubal-Eub, Icheon-Si, Kyongki-Do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Jeong Ho** [KR/KR]; 287-42 Hongje 3-dong, Seodaemun-gu, Seoul 120-093 (KR).
- (74) **AN, Kook Chan**; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) **H04L 12/28**
- (11) **WO 2004/086686** (13) A1
- (21) PCT/KR2004/000648
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ko (26) en
- (30) 10-2003-0018545 **25 Mar/mar 2003** KR (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • APPARATUS OF NETWORK SYNCHRONIZATION AND SWITCHING FOR USE IN ATM EXCHANGER
- SYSTEME DE SYNCHRONISATION DE RESEAU ET DE COMMUTATION DANS UN ECHANGEUR MTA
- (71) **UTSTARCOM KOREA LIMITED** [KR/KR]; San 136-1, Ami-Ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JEONG, Jeong Soo** [KR/KR]; Hyundai Electronics Sawon Apt. 109-804, 441-1 Sadong-ri, Daewol-myeon, Icheon-si, Gyeonggi-do 467-850 (KR).
- (74) **YOON, Jee Hong**; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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**
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- (21) PCT/KR2004/000653
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ko (26) en
- (30) 10-2003-0018552 **25 Mar/mar 2003** KR (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD FOR TRANSMITTING HDLC FRAME SETTING INFORMATION IN A FRAME RELAY LINE CARD OF AN ATM EXCHANGE
- PROCEDE POUR LA TRANSMISSION D'INFORMATIONS DE REGLAGE DE TRAMES HDLC DANS UNE CARTE DE LIGNE DE RELAIS DE TRAMES D'UN CENTRAL DE GUICHETS AUTOMATIQUES
- (71) **UTSTARCOM KOREA LIMITED.** [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Seung Kun** [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Gyeonggi-do 467-701 (KR).
- (74) **YOON, Jee Hong**; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) **H04L 12/28**
- (11) **WO 2004/086688** (13) A1
- (21) PCT/KR2004/000657
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ko (26) en
- (30) 10-2003-0018556 **25 Mar/mar 2003** KR (25.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ATM SWITCHING DEVICE OF LOW CAPACITANCE
• DISPOSITIF DE COMMUTATEUR ATM A FAIBLE CAPACITE
- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Sung Hyuk [KR/KR]; Samjin Apt. 4-501, 312-7 Sadong-ri, Daewol-myeon, Icheon-Si, Gyeonggi-do 467-850 (KR).
- (74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/086689 (13) A2
- (21) PCT/US2004/008337
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/394,780 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • A METHOD FOR A SIMPLE 802.11e HCF IMPLEMENTATION
• PROCEDE PERMETTANT DE METTRE EN OEUVRE DE MANIERE SIMPLE LA FONCTION HCF DE NORME 802.11E
- (71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134 (US).
- (72) MEIER, Robert; 2975 Clear Creek Drive, Cuyahoga Falls, OH 44223 (US).
- (74) GARRED, John, X.; Tucker Ellis & West LLP, 925 Euclid Avenue, 1150 Huntington Building, Cleveland, OH 44115-1475 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 H04L 12/50
- (11) WO 2004/086691 (13) A1
- (21) PCT/KR2004/000658
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ko (26) en
- (30) 10-2003-0018557 25 Mar/mar 2003 KR (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ATM SWITCH FOR USE IN W-CDMA
• COMMUTATEUR ATM DESTINE A ETRE UTILISE DANS UN ARMC LARGE BANDE
- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-7011 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANG, Cheol Hyun [KR/KR]; Shinhan Apt. 105-502, Jeungpo-dong, Icheon-si, Gyeonggi-do 467-110 (KR).
- (74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/086690 (13) A1
- (21) PCT/US2004/008749
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 60/456,625 21 Mar/mar 2003 US (21.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • WIRELESS GATEWAY
• PASSERELLE SANS FIL
- (71) AXESSTEL, INC. [US/US]; 6305 Lusk Boulevard, San Diego, CA (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KIM, Duk, San; 6305 Lusk Boulevard, San Diego, CA 92121 (US). SHIRAI, Kazuhiko; 6305 Lusk Boulevard, San Diego, CA 92121 (US). YUKIE, Satoru; 6305 Lusk Boulevard, San Diego, CA 92121 (US). HAGOPIAN, Craig, M.; 6305 Lusk Boulevard, San Diego, CA 92121 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 H04L 12/50
- (11) WO 2004/086691 (13) A1
- (21) PCT/KR2004/000658
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ko (26) en
- (30) 10-2003-0018557 25 Mar/mar 2003 KR (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ATM SWITCH FOR USE IN W-CDMA
• COMMUTATEUR ATM DESTINE A ETRE UTILISE DANS UN ARMC LARGE BANDE
- (71) UTSTARCOM KOREA LIMITED [KR/KR]; San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyongki-do 467-7011 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANG, Cheol Hyun [KR/KR]; Shinhan Apt. 105-502, Jeungpo-dong, Icheon-si, Gyeonggi-do 467-110 (KR).
- (74) YOON, Jee Hong; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 H04L 12/56
- (11) WO 2004/086692 (13) A1
- (21) PCT/EP2004/050195
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) en (26) en
- (30) 0306855.8 25 Mar/mar 2003 GB (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • TOPOLOGY AGGREGATION FOR HIERARCHICAL ROUTING
• REGROUPEMENT TOPOLOGIQUE POUR ROUTAGE HIERARCHIQUE
- (71) IDEAS NETWORK LTD [GB/GB]; 42 Horseguards Drive, Maidenhead Berkshire SL6 1XL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAUGHAN, Kevin [GB/GB]; 42 Horseguards Drive, Maidenhead Berkshire SL6 1XL (GB). CONSTANTINOU, Constantinos, Christofi [GB/GB]; 9 Barrack Close, Sutton Coldfield, West Midlands B75 7HB (GB). STEPANENKO, Alexander, Sergeevich [RU/GB]; 156 Green Meadow Road, Selly Oak, Birmingham, West Midlands B29 4DR (GB). ARVANITIS, Theodoros [GB/GB]; 8 Naunton Close, Selly Oak, Birmingham, West Midlands B29 4DX (GB).
- (74) PERKINS, Sarah et al. / etc.; Stevens Hewlett & Perkins, Halton House, 20/23 Holborn, London, Greater London EC1N 2JD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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/EP2004/050311

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 03290771.9 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMUNICATION OF CONVERSATIONAL DATA BETWEEN TERMINALS OVER A RADIO LINK

- COMMUNICATION DE DONNEES CONVERSATIONNELLES ENTRE DES TERMINAUX PAR LE BIAIS D'UNE LIAISON RADIO

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).

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(72, 75) PERRAUD, Eric [FR/FR]; 15, rue Jean Petit, F-31170 Tournefeuille (FR). COMPS, Christophe [FR/FR]; 8, chemin de Cassebois, F-31270 Cugnaux (FR).

(74) MCCORMACK, Derek, J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

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(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTICONFIGURABLE DEVICE MASKING SHUNT AND METHOD OF USE

- DERIVATION DE MASQUAGE DE RESEAU MULTICONFIGURABLE ET SON PROCEDE D'UTILISATION

(71) RE SRC LIMITED [NZ/NZ]; Level 7, 45 Queen Street, Auckland 1000 (NZ).

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(72, 75) REAMER, Douglas, Alan [US/NZ]; Apartment 3, 2-4 Upper Queen Street, Auckland 1000 (NZ).

(74) ADAMS, Matthew, D. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, P.O. Box 949, Wellington 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086695 (13) A1

(21) PCT/IB2004/000649

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 0307266.7 28 Mar/mar 2003 GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND COMMUNICATION SYSTEM FOR NOTIFYING A STATION OF A WIRELESS DATA TRANSMISSION SESSION

- PROCEDE ET SYSTEME DE COMMUNICATION POUR NOTIFIER A UNE STATION UNE SESSION DE TRANSMISSION DE DONNEES SANS FIL

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(74) RUUSKANEN, Juha-Pekka et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA REPEATER, COMMUNICATION SYSTEM, DATA RELAYING METHOD, COMPUTER PROGRAM FOR REALIZING IT USING COMPUTER

- REPETEUR DE DONNEES, SYSTEME DE COMMUNICATION, PROCEDE DE RELAIS DE DONNEES, PROGRAMME INFORMATIQUE PERMETTANT DE LE REALISER AU MOYEN D'UN ORDINATEUR

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(74) IEIRI, Takeshi; Riversteel Bldg. 6th Floor, 2-9-30, Kitasaiwai, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086697 (13) A1

(21) PCT/JP2003/003572

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NODE DEVICE HAVING LINKS AND METHOD FOR ALLOCATING USER BAND TO LINKS

- DISPOSITIF A NOEUDS PRESENTANT DES LIENS ET PROCEDE D'AFFECTATION DE BANDES PUBLIQUES AUXDITS LIENS

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(72, 75) TOMONAGA, Hiroshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). KAWARAI, Kenichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NISHIMURA, Kazuto [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MATSUOKA, Naoki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HAYASHI, Tsunenori et al. / etc.; HAYASHI, DOI & ASSOCIATES, Toshou-Bldg. No. 3, 3-9-5, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) CN JP US.

(51)⁷ H04L 12/56

(11) WO 2004/086698 (13) A1

(21) PCT/JP2003/003593

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMUNICATION TERMINAL AND COMMUNICATION METHOD

• TERMINAL DE COMMUNICATION ET PROCEDE DE COMMUNICATION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) NAKASAKU, Yukiyoishi [JP/JP]; c/o FUJITSU SYSTEM INTEGRATION LABORATORIES LTD., 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAKANO, Hiroshi [JP/JP]; c/o FUJITSU SYSTEM INTEGRATION LABORATORIES LTD., 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SAYAMA, Yasuyuki [JP/JP]; c/o FUJITSU SYSTEM INTEGRATION LABORATORIES LTD., 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TASHIRO, Yuichi [JP/JP]; c/o FUJITSU SYSTEM INTEGRATION LABORATORIES LTD., 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(51)⁷ H04L 12/56

(11) WO 2004/086699 (13) A1

(21) PCT/JP2004/004025

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083911 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR AUTOMATICALLY SETTING ROUTE SELECTION TABLE

• PROCEDE DE DEFINITION AUTOMATIQUE D'UNE TABLE DE SELECTION DE ROUTE

(71) TOUDAI TLO, LTD.; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 1130033 (JP).
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(74) NARUSE, Shigeo; Hanabishi Imas Hirakacho Building 4th Floor, 2-3-11, Hirakawacho, Chiyoda-ku, Tokyo 1020093 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 12/28, H04Q 7/22, H04L 29/06, 29/08

(11) WO 2004/086700 (13) A1

(21) PCT/US2004/008204

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/393,051 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DELIVERY POLICY TOOL

• OUTIL ASSOCIE A UNE POLITIQUE DE DISTRIBUTION

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

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(74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 12/58, H04Q 7/22

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(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 0306937.4 26 Mar/mar 2003 GB (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TELECOMMUNICATIONS SERVICES APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE SERVICES DE TELECOMMUNICATIONS

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(72, 75) WILSON, Jeffrey [GB/GB]; 53 Kiln Road, Fareham, Hampshire PO16 70H (GB).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086702 (13) A1

(21) PCT/EP2004/001628

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 10314170.7 28 Mar/mar 2003 DE (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR ASSURING THE SERVICE QUALITY DURING THE TRANSMISSION OF DATA VIA PACKET-BASED NETWORKS

• PROCEDE PERMETTANT D'ASSURER LA QUALITE DE SERVICE LORS DE LA TRANSMISSION DE DONNEES PAR L'INTERMEDIAIRE DE RESEAUX ORIENTES PAQUETS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 12/66, 29/06, H04M 7/00, H04Q 7/24
- (11) WO 2004/086703 (13) A1
- (21) PCT/IB2004/000531
- (22) 1 Mar/mar 2004 (01.03.2004)
- (25) en (26) en
- (30) 60/456,953 25 Mar/mar 2003 US (25.03.2003)
- (30) 10/442,183 21 May/mai 2003 US (21.05.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD, SYSTEM AND GATEWAY DEVICE FOR ENABLING INTERWORKING BETWEEN IP AND CS NETWORKS
- PROCEDE, SYSTEME ET DISPOSITIF A PASSERELLE PERMETTANT L'INTERFONCTIONNEMENT ENTRE DES RESEAUX FONDES SUR LE PROTOCOLE INTERNET ET DES RESEAUX A COMMUTATION DE CIRCUITS
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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- (74) UNGERER, Olaf; Eisenführ, Speiser & Partner, Arnulfstrasse 25, 80335 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 12/66, 12/56
- (11) WO 2004/086704 (13) A1
- (21) PCT/JP2004/004086
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-85423 26 Mar/mar 2003 JP (26.03.2003)
- (30) 2003-296440 20 Aug/août 2003 JP (20.08.2003)
- (30) 2004-56129 1 Mar/mar 2004 JP (01.03.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • GMPLS+IP/MPLS NODE AND IP/MPLS NODE
- NOEUD GMPLS+IP/MPLS ET NOEUD IP/MPLS
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- (74) SHIGA, Masatake; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/04, H04B 7/08
- (11) WO 2004/086705 (13) A1
- (21) PCT/CA2004/000461
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,012 28 Mar/mar 2003 US (28.03.2003)
- (30) 10/642,649 19 Aug/août 2003 US (19.08.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND APPARATUS FOR PROCESSING MULTIPLE COMMON FREQUENCY SIGNALS THROUGH A SINGLE CABLE USING CIRCULATORS
- PROCEDE ET APPAREIL POUR TRAITER PLUSIEURS SIGNAUX DE FREQUENCE COMMUNE PAR UN SEUL CABLE AU MOYEN DE CIRCULATEURS
- (71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
- (72) DEANE, Peter; 4779 Newtown Road, Fitzroy Harbour, Ontario K0A 1X0 (CA). LEGNAIN, Abdelgader; 66-F Brockington Cres., Nepean, Ontario K2G 5L1 (CA). DA SILVEIRA, Marthinus; 7 Clouthier Street, Nepean, Ontario K2J 4T4 (CA). MCGOWAN, Neil; 5 Kearnsley Way, Stittsville, Ontario K2S 1G8 (CA).
- (74) HASZKO, Dennis, R. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza LLP, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/26, 25/02, 1/06
- (11) WO 2004/086706 (13) A1
- (21) PCT/EP2003/003211
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • APPARATUS AND METHOD FOR ESTIMATING A PLURALITY OF CHANNELS
- APPAREIL ET PROCEDE D'ESTIMATION D'UNE PLURALITE DE CANAUX
- (71) DOCOMO COMMUNICATIONS LABORATORIES EUROPE GMBH [DE/DE]; Landsberger Strasse 308-312, 80687 München (DE).
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- (72, 75) AUER, Gunther [DE/DE]; Westendstrasse 61, 80339 München (DE).
- (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach/P.O. Box 246, 82043 Pullach bei München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 27/26 // 1/00
- (11) WO 2004/086707 (13) A1
- (21) PCT/EP2003/003284
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) en (26) en
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • FILTERING METHOD FOR TRANSMIT PROCESSING IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEX

COMMUNICATION SYSTEMS AND
RELATED FILTERING APPARATUS

- PROCEDE DE FILTRAGE POUR LE TRAITEMENT DE TRANSMISSION DANS DES SYSTEMES DE COMMUNICATION DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE ET APPAREIL DE FILTRAGE ASSOCIE

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(72, 75) **KUSUME, Katsutoshi** [JP/DE]; Kehlheimer Strasse 12, 189, 80634 Munich (DE).

(74) **HOFFMANN, EITLE**; Arabellastrasse 4, 81295 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 27/26**

(11) **WO 2004/086708** (13) A1

(21) PCT/RU2003/000124

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR OFDM SYMBOL TIMING SYNCHRONIZATION

- PROCEDE ET APPAREIL DESTINES A UNE SYNCHRONISATION DE LA TEMPORISATION DE SYMBOLES OFDM

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MALTSEV, Alexander A.** [RU/RU]; ul. Verkhne-Pecherskaya, 1-7, Nizhny Novgorod, 603163 (RU). **PUDEYEV, Andrey V.** [RU/RU]; ul. Polysnaskaya, 15/2, Nizhny Novgorod, 603038 (RU). **SOUPIKOV, Alexei M.** [RU/RU]; ul. Izhorskaya, 48/1-83, Nizhny Novgorod, 603089 (RU). **TIRASPOLSKY, Sergey A.** [RU/RU]; ul. Beryozovskaya, 116-133, Nizhny Novgorod, 603157 (RU).

(74) **EGOROVA, Galina Borisovna** et al. / etc.; "Gorodissky & Partners Law Firm" Ltd., ul. Bolshaya Spasskaya, 25-3, Moscow, 129010 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/26**

(11) **WO 2004/086709** (13) A1

(21) PCT/RU2003/000125

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR ADAPTIVE PHASE COMPENSATION OF OFDM SIGNALS

- SYSTEME ET PROCEDE DESTINES A LA COMPENSATION DE PHASE ADAPTATIVE DE SIGNAUX OFDM

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MALTSEV, Alexander A.** [RU/RU]; ul. Verkhne-Pecherskaya, 1-7, Nizhny Novgorod, 603163 (RU). **RUBTSOV, Alexy, E.** [RU/RU]; ul. Ignatov Br., 1/1-39, Nizhny Novgorod, 603081 (RU). **SOUPIKOV, Alexei, M.** [RU/RU]; ul. Izhorskaya, 48/1-83, Nizhny Novgorod, 603089 (RU).

(74) **EGOROVA, Galina Borisovna** et al. / etc.; "Gorodissky & Partners Law Firm" Ltd., ul. Bolshaya Spasskaya, 25-3, Moscow, 129010 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/26**

(11) **WO 2004/086710** (13) A1

(21) PCT/RU2003/000126

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR TWO CHANNEL FREQUENCY OFFSET ESTIMATION OF OFDM SIGNALS

- SYSTEME ET PROCEDE DESTINES A L'ESTIMATION A DECALAGE DE FREQUENCE A DEUX CANAUX DES SIGNAUX OFDM

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MALTSEV, Alexander A.** [RU/RU]; ul. Verkhne-Pecherskaya, 1-7, Nizhny Novgorod, 603163 (RU). **PUDEYEV, Andrey, V.** [RU/RU]; ul. Polysnaskaya, 15/2, Nizhny Novgorod, 603038 (RU). **SOUPIKOV, Alexei, M.** [RU/RU]; ul. Izhorskaya, 48/1-83, Nizhny Novgorod, 603089 (RU). **AKHMETOV, Dmitry V.** [RU/RU]; ul. Nadezhdy Suslovoy, 15/1-39, Nizhny Novgorod, 603000 (RU).

(74) **EGOROVA, Galina Borisovna** et al. / etc.; "Gorodissky & Partners Law Firm" Ltd., ul. Bolshaya Spasskaya, 25-3, Moscow, 129010 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/26**

(11) **WO 2004/086711** (13) A1

(21) PCT/SE2004/000390

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) en (26) en

(30) 0300824-0 **25 Mar/mar 2003 SE (25.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POSITION ADJUSTED GUARD TIME INTERVAL FOR OFDM-COMMUNICATIONS SYSTEM

- INTERVALLE DE GARDE A POSITION AJUSTEE DESTINE A UN SYSTEME DE COMMUNICATION OFDM (MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONALE)

(71) **TELIA AB (publ)** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LJUNG, Rickard** [SE/SE]; Hantverkaregatan 20, S-211 55 Malmö (SE). **KARLSSON, Peter** [SE/SE]; Blåbärsstigen 7, S-201 00 Lund (SE).

(74) **SVENSSON, Peder**; TeliaSonera Sverige AB, Patent, Vitsandsgatan 9, S-123 86 Farsta (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/26

(11) WO 2004/086712 (13) A2

(21) PCT/US2004/008665

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/394,529 20 Mar/mar 2003 US (20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSMISSION MODE SELECTION FOR DATA TRANSMISSION IN A MULTI-CHANNEL COMMUNICATION SYSTEM

• SELECTION DU MODE DE TRANSMISSION POUR LA TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION MULTICANAL

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALTON, Jay Rod [US/US]; 85 Highlands Lane, Carlisle, MA 01741 (US). MEDVEDEV, Irina [US/US]; 68 Liberty Avenue, #2, Somerville, MA 02114 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H04L 27/36

(11) WO 2004/086713 (13) A1

(21) PCT/JP2004/003816

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-079475 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ORTHOGONAL MODULATION DEVICE, METHOD, PROGRAM, RECORDING MEDIUM, AND MODULATION DEVICE

• DISPOSITIF, PROCÉDE ET PROGRAMME DE MODULATION ORTHOGONALE, SUPPORT D'ENREGISTREMENT ET DISPOSITIF DE MODULATION

(71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATO, Takashi [JP/JP]; c/o ADVANTEST Corporation 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).

(74) HOSODA, Masutoshi; Akasaka Twin Tower Main Tower 11F, 17-22, Akasaka 2-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086714 (13) A1

(21) PCT/CA2003/000800

(22) 29 May/mai 2003 (29.05.2003)

(25) en (26) en

(30) 10/395,081 25 Mar/mar 2003 US (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR DIVERGING ESTABLISHED COMMUNICATION SESSIONS ON THE BASIS OF CONTENT

• SYSTEME ET PROCÉDE DE DIVERGENCE DE SESSIONS DE COMMUNICATION ÉTABLIES SUR LA BASE D'UN CONTENU

(63) US 10/395,081 (CON) 25 Mar/mar 2003 (25.03.2003)

(71) SANDVINE INCORPORATED [CA/CA]; 408 Albert Street, Waterloo, Ontario N2L 3V3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOWMAN, Don [CA/CA]; 5-407 Keats way, Waterloo, Ontario N2L 5S7 (CA). DOLSON, David [CA/CA]; 427 Brendcliffe Drive, Waterloo, Ontario N2T 2J6 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04Q 7/28

(11) WO 2004/086715 (13) A1

(21) PCT/CA2004/000438

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/397,800 27 Mar/mar 2003 US (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VOICE AND MULTIMEDIA DISTRIBUTION USING PUSH-TO-TALK (PTT) SUBSCRIBERS' GROUP

• DISTRIBUTION DE DONNEES VOCALES ET MULTIMEDIA AU MOYEN D'UN GROUPE D'ABONNES UTILISANT LA FONCTION POUSSOIR DE CONVERSATION (PTT)

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; 164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOURRAUD, Christophe [CA/CA]; 5470 Duquette, Montreal, Québec H4A 1J6 (CA). HAWWA, Samer [CA/CA]; 714-2125 Saint-Marc, Montreal, Québec H3H 2P1 (CA).

(74) NICOLAESCU, Alex et al. / etc.; 8400 Decarie Blvd., Town Of Mount Royal, Québec H4P 2N2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086716 (13) A2

(21) PCT/EP2003/012460

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 03006944.7 26 Mar/mar 2003 EP
(26.03.2003)

(30) 60/424,504 7 Nov/nov 2003 US
(07.11.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD ANS SYSTEM OF ACCESS-
ING A PLURALITY OF NETWORK EL-
EMENTS
• PROCEDE ET SYSTEME D'ACCES A
UNE PLURALITE D'ELEMENTS DE
RESEAU

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AXEL, David, J. [US/US]; 111 Goldrain
Cove, Winter Springs, FL 32708 (US).
GUPTA, Navin [US/US]; 18301 Plantation
Lakes Circle, Sanford, FL 32771 (US). HAR-
RIS, Kenneth [US/US]; P.O.Box 702307,
Saint Cloud, FL 34770 (US).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ H04L 29/06

(11) WO 2004/086717 (13) A1

(21) PCT/EP2004/001709

(22) 20 Feb/fév 2004 (20.02.2004)

(25) de (26) de

(30) 103 13 626.6 26 Mar/mar 2003 DE
(26.03.2003)

(30) 103 36 607.5 8 Aug/août 2003 DE
(08.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TRANSMITTING DATA
IN A DATA NETWORK COMPRISING
A PLURALITY OF COMPUTERS
• PROCEDE PERMETTANT DE
TRANSMETTRE DES DONNEES
DANS UN RESEAU DE DONNEES
COMPORTANT UNE PLURALITE
D'ORDINATEURS

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRIMMINGER, Jochen [DE/DE];
Mettenstr. 17, 80638 München (DE). HAAS,
Elmar [DE/DE]; Bozaunweg 23f, 82008
Unterhaching (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/086718 (13) A1

(21) PCT/EP2004/050310

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 03290770.1 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMUNICATION BETWEEN A PRI-
VATE NETWORK AND A ROAMING
MOBILE TERMINAL
• COMMUNICATION ENTRE UN RE-
SEAU PRIVE ET UN TERMINAL MO-
BILE ITINERANT

(71) MOTOROLA INC [US/US]; 1303 E.Al-
gonquin Road, Schaumburg, Illinois 60196
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OLIVEREAU, Alexis [FR/FR]; Mo-
torola SAS, Parc des Algorithmes, Saint
Aubin, F-91193 Gif-Sur-Yvette (FR).
CATALINA, Miguel [FR/FR]; Mo-
torola SAS, Parc des Algorithmes, Saint
Aubin, F-91193 Gif-Sur-Yvette (FR). JAN-
NETEAU, Christophe [FR/FR]; Motorola
SAS, Parc des Algorithmes, Saint Aubin,
F-91193 Gif-Sur-Yvette (FR). HERY, Is-
mael [FR/FR]; Motorola SAS, Parc des Algo-
rithmes, Saint Aubin, F-91193 Gif-Sur-Yvette
(FR).

(74) MCCORMACK, Derek J.; Motorola Eu-
ropean Intellectual Property Operations, Mid-
point, Alencon Link, Basingstoke Hampshire
RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/06, 29/08

(11) WO 2004/086719 (13) A2

(21) PCT/FR2004/000613

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 03/03268 18 Mar/mar 2003 FR
(18.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SECURE CLIENT/SERVER DATA
TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION DE
DONNEES CLIENT/SERVEUR SECU-
RISE

(71) TWD INDUSTRIES SAS [FR/FR]; 204, av-
enue des Platanes, F-06410 Biot (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GAUTHIER, Pierre [FR/FR]; 204, av-
enue des Platanes, F-06410 Biot (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for the following designation / pour la
désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ H04L 29/06

(11) WO 2004/086720 (13) A1

(21) PCT/GB2004/001061

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0306971.3 26 Mar/mar 2003 GB
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLIENT SERVER MODEL
• MODELE DE SERVEUR CLIENT

(71) BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY [GB/GB];
81 Newgate Street, Greater London, London
EC1A 7AJ (GB).

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(72, 75) FARLEY, Patrick, Brian [GB/GB]; 2 Jupiter Road, Ipswich, Suffolk IP4 4NT (GB). YATES, Martin, John [GB/GB]; Sidehill, Spring Meadow, Playford, Ipswich, Suffolk IP6 9ED (GB). HOSKING, Michael, Robert [GB/GB]; 19 Mayfields, Martlesham Heath, Ipswich, Suffolk IP5 3TU (GB). AYOOLA, Femi [GB/GB]; 240 Brunswick Road, Ipswich, Suffolk IP4 4DB (GB). ROXBURGH, David [GB/GB]; 43 Catherine Road, Woodbridge, Ipswich, Suffolk IP12 4JP (GB). BEDDUS, Simon, Alexander [GB/GB]; 35 Grove Lane, Ipswich, Suffolk IP4 1NX (GB).

(74) WALLIN, Nicholas, James; BT GROUP LEGAL INTELLECTUAL PROPERTY DEPARTMENT, PPC5A, BT CENTRE, 81 NEWGATE STREET, LONDON, GREATER LONDON EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086721 (13) A2

(21) PCT/GB2004/001253

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306973.9 26 Mar/mar 2003 GB (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TRANSMITTING OVER A NETWORK
• TRANSMISSION A TRAVERS UN RESEAU

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

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(72, 75) ALVAREZ AREVALO, Roberto [ES/GB]; 4 Withipoll Street, Ipswich, Suffolk IP4 2BZ (GB). TURNBULL, Rory, Stewart [GB/GB]; 12 Mannington Close, Rushmere St Andrew, Ipswich, Suffolk IP4 5PW (GB). WALKER, Matthew, David [GB/GB]; 9 Thirlmere Court, Ipswich, Suffolk IP11 9SN (GB).

(74) LLOYD, Barry, George, William; BT Group Legal Intellectual Property Department, PP: C5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 12/58

(11) WO 2004/086722 (13) A1

(21) PCT/IB2004/000749

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 0306864.0 25 Mar/mar 2003 GB (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND APPARATUSES FOR REQUESTING A SERVICE ON BEHALF OF A PARTY

• PROCEDES ET APPAREILS DE DEMANDE D'UN SERVICE AU NOM D'UN TIERS

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) KISS, Krisztián [HU/FI]; Säästäjänkatu 13C 14, FIN-33840 Tampere (FI). BAJKÓ, Gábor [HU/HU]; Rezeda u. 8A, H-1214 Budapest (HU).

(74) STYLE, Kelda, Camilla, Karen et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 03006573.4 24 Mar/mar 2003 EP (24.03.2003)

(30) 10/633,692 5 Aug/août 2003 US (05.08.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REQUEST REDIRECTION HANDLING IN IMC

• GESTION DU REACHEMINEMENT DES DEMANDES DANS UN RESEAU COEUR IP MULTIMEDIA

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(74) LESON, Thomas, Johannes et al. / etc.; Bavariaring 4-6, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 2003-088485 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTENTS DISTRIBUTION SYSTEM WITH INTERGRATED RECORDING RIGHTS CONTROL

• SYSTEME DE DISTRIBUTION DE CONTENUS PRESENTANT UNE COMMANDE DE DROITS D'ENREGISTREMENT INTEGREE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi Osaka, 5718501 (JP).

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(72, 75) FUJIOKA, Naotaka

(74) OGASAWARA, Shiro; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi Osaka, 5640053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086725 (13) A2

(21) PCT/US2004/008907

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,801 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NETWORK SERVICE ARCHITECTURE

• ARCHITECTURE DE SERVICES DE RESEAU

(63) US 10/395,801 (CIP) 24 Mar/mar 2003 (24.03.2003)

(71) SAVANTIS SYSTEMS, INC. [US/US]; 430 Bedford Street, Suite 190, Lexington, MA 02420 (US).

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(72, 75) DAR, Shaul [IL/IL]; 213 Benei Efrayim St., Apt. A8, 69984 Tel Aviv (IL). KANTER, Boaz [IL/IL]; Yechiam 6, Ramat Hasharon (IL). SHOCHAT, Eden [IL/IL]; 29 Yetsiat Eiropa, Ra'ananna (IL).

(74) MIRABITO, A., Jason; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086726 (13) A1

(21) PCT/US2004/008975

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,805 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NETWORK SERVICE SECURITY

• SECURITE DE SERVICE RESEAU

(63) US 10/395,805 (CIP) 24 Mar/mar 2003 (24.03.2003)

(71) SAVANTIS SYSTEMS, INC. [US/US]; 430 Bedford Street, Suite 190, Lexington, MA 02420 (US).

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(72, 75) DAR, Shaul [IL/IL]; 213 Benei Efrayim St., Apt. A8, 69984 Tel Aviv (IL). KANTER, Boaz [IL/IL]; Yechiam 6, Ramat Hasharon (IL). SHOCHAT, Eden [IL/IL]; 29 Yetsiat Eiropa, Ra'ananna (IL).

(74) MIRABITO, Jason, A.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 10/395,742 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • NETWORK SERVICE OPTIMIZATION

• OPTIMISATION DE SERVICES DE RÉ-SEAU

(63) US 10/395,742 (CIP) 24 Mar/mar 2003 (24.03.2003)

(71) SAVANTIS SYSTEMS, INC. [US/US]; 430 Bedford Street, Suite 190, Lexington, MA 02420 (US).

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(72, 75) DAR, Shaul [IL/IL]; 213 Benei Efrayim Str., Apt. A8, IL-69984 Tel Aviv (IL). SHOCHAT, Eden [IL/IL]; 29 Yetsiat Eiropa, IL-Ran'ananna (IL). SOLOMONOVICH, Geva [IL/IL]; 5 Simtat Hairisim, IL-74086 Nes Zionna (IL).

(74) MIRABITO, A., Jason; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/12

(11) WO 2004/086728 (13) A1

(21) PCT/EP2004/002860

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 13 360.7 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR RECORDING THE REGISTRATION OF THE CONNECTION OF A HOUSEHOLD APPLIANCE TO A BUS LINE ARRANGEMENT

• PROCEDE ET DISPOSITIF POUR DETECTER L'ENREGISTREMENT DU RACCORDEMENT D'UN APPAREIL MENAGER A UN ENSEMBLE BUS

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

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(72, 75) BUCHNER, Theo [DE/DE]; Dr.-Otto-Schopf-Ring 3, 93333 Neustadt (DE). GAUGLER, Johannes [DE/DE]; Straubingerstr., 93055 Regensburg (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G06F 17/30

(11) WO 2004/086729 (13) A1

(21) PCT/US2004/007857

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/395,581 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM, TERMINAL AND METHOD OF TRANSMITTING INFORMATION UTILIZING A VARIABLE-STRING UNIFORM RESOURCE LOCATOR (URL)

- SYSTEME, TERMINAL ET PROCÉDE DE TRANSMISSION D'INFORMATIONS A L'AIDE D'URL A CHAINES VARIABLES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) MARKS, Bennett, David [US/US]; 439 Bedford Road, Carlisle, MA 01741 (US).

(74) SPENCE, Andrew, T. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 60/457,331 26 Mar/mar 2003 US (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PHASE SWEEPING METHODS FOR TRANSMIT DIVERSITY AND DIVERSITY COMBINING IN BTS SECTOR EXTENSION AND IN WIRELESS REPEATERS

- PROCÉDES DE BALAYAGE DE PHASE POUR DIVERSITE DE TRANSMISSION ET COMBINAISON DE DIVERSITE DANS UNE EXTENSION DE SECTEUR DE STATION DE BASE ET DANS DES REPETEURS SANS FIL

(71) CELLETRA LTD. [IL/IL]; P.O. Box 106, Tavor Building # 1, Yokneam Ilit, 20 692 (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAHANA, David [IL/IL]; 21 Wallenberg St., Haifa, 34990 (IL). ARGAMAN, Gideon [IL/IL]; 7 Haemek, Kiryat Tivon, 36 084 (IL). SHAPIRA, Joseph [IL/IL]; 23 Sweden Street, Haifa, 34 980 (IL). MILLER, Shmuel [IL/IL]; Tal-El 9, M.P. Oshrat, 25 167 (IL).

(74) G.E. EHRLICH (1995) LTD.; 11 Menachem Begin Street, Ramat Gan, 52 521 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086731 (13) A2

(21) PCT/US2004/007893

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/456,794 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR HANDS-FREE DISPENSING OF A MEASURED QUANTITY OF MATERIAL

- APPAREIL POUR DISTRIBUER SANS INTERVENTION MANUELLE UNE QUANTITE MESUREE DE MATIERE

(71) KANFER, Joseph [US/US]; 4445 Everett Road, Richfield, OH 44286 (US).

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(74) WEBER, Ray et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 106 S. Main Street, First National Tower, Fourth Floor, Akron, Ohio 44308 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/02

(11) WO 2004/086732 (13) A1

(21) PCT/DE2004/000661

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 13 968.0 27 Mar/mar 2003 DE (27.03.2003)

(30) 10 2004 015499.6 27 Mar/mar 2004 DE (27.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMBINATORIAL MOBILE PHONES

- PORTABLES POUVANT ETRE COMBINES

(71, 72) TAVANA, Mohammad-Sadegh [IR/DE]; Königsallee 61, 40215 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 03006941.3 26 Mar/mar 2003 EP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CLAMSHELL-TYPE MOBILE TERMINAL WITH A BETTER ACCESS TO INPUT KEYS

- TERMINAL MOBILE DE TYPE PLIABLE OFFRANT UN ACCES FACILE AUX TOUCHES D'ENTREE

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WADA, Joe [JP/SE]; Salongsgatan 5, S-211 16 Malmö (SE). KATO, Kazuhiro [JP/DE]; Georgen Strasse 34, 80199 München (DE).

(74) KÖRBER, Martin; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/02, H04Q 7/38

(11) WO 2004/086734 (13) A1

(21) PCT/JP2004/003640

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-080890 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COLLAPSIBLE MOBILE COMMUNICATION TERMINAL DEVICE

• DISPOSITIF TERMINAL DE COMMUNICATION MOBILE PLIABLE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006 Oaza Kadoma Kadoma-shi Osaka, 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OOTA, Yasuhiko/TAKESHITA, Kazufumi/SUZUKI, Naomasa/MIYASHITA, Seiji

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office 13th Floor ARK Mori Building 1, 2-32 Akasaka 1-chome, Minato-ku, Tokyo, 1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/60, H04Q 7/32

(11) WO 2004/086735 (13) A1

(21) PCT/US2004/008978

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,080 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR CONFIGURING A WIRELESS COMMUNICATION SYSTEM IN A VEHICLE

• SYSTEME ET PROCEDURE POUR LA CONFIGURATION DE SYSTEME DE COMMUNICATIONS SANS FIL DANS UN VEHICULE

(71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 650 Waverly, Holland, MI 49423 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZEINSTRA, Mark, L. [US/US]; 945 Meadow Ridge Drive, Holland, Michigan

49424 (US). SUPANICH, Michael, A. [US/US]; 68 Forest Hills Drive, Holland, Michigan 49424 (US). EADELMAN, Walter, M. [US/US]; 7124 Belmont Avenue, Belmont, Michigan 49306 (US).

(74) TIBBETTS, JEAN, M.; Foley & Lardner LLP, 777 East Wisconsin Avenue, Suite 3800, Milwaukee, Wisconsin 53202-5306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H04M 1/73, H04Q 7/32

(11) WO 2004/086736 (13) A1

(21) PCT/IB2003/001155

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND APPARATUS FOR CALCULATING WHETHER POWER LEVEL IS SUFFICIENT FOR DATA TRANSFER

• PROCEDURE ET APPAREIL POUR VERIFIER SI LE NIVEAU DE PUISSANCE EST SUFFISANT POUR TRANSFERER DES DONNEES

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83, Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAARTSEN, Jacobus, Cornelis [NL/NL]; Bruchterweg 81, NL-7772 BG Hardenberg (NL).

(74) WEATHERFORD, Sidney; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H04M 1/73, 1/00, H04B 7/26

(11) WO 2004/086737 (13) A1

(21) PCT/JP2004/003656

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-079553 24 Mar/mar 2003 JP (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PORTABLE RADIO COMMUNICATION APPARATUS

• APPAREIL PORTABLE DE RADIO COMMUNICATION

(71) SEIKO INSTRUMENTS INC. [JP/JP]; 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANESAKA, Toshiya [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP). SATOU, Hirochika [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP). HIROTOMI, Jun [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP). INOUE, Yuuichi [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP). FUJITA, Kazuhiro [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 2618507 (JP).

(74) MATSUSHITA, Yoshiharu; No. 807, AIOS Hiroo Building, 11-2, Hiroo 1-chome, Shibuya-ku, Tokyo 1500012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/00

(11) WO 2004/086738 (13) A2

(21) PCT/GB2004/001340

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en
(30) 0307115.6 **27 Mar/mar 2003 GB**
(**27.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LINE TESTING APPARATUS AND METHOD
• APPAREIL ET PROCEDE D'ESSAI DE LIGNE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, Greater London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AUFENAST, David** [GB/GB]; Way-side Bawdsey, Suffolk IP12 3AN (GB). **FLETCHER, Mark, Andrew** [GB/GB]; 1 Mayfields, Martlesham Heath, Ipswich, Suffolk IP5 3TU (GB). **HOY, Michael, Davey** [GB/GB]; 36 Penhurst Road, Ipswich, Suffolk IP3 8QY (GB).

(74) **BRADLEY, David, William**; BT Group Legal Intellectual Property Department, PPC5A, BT Centre, 81 Newgate Street, Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/51, 3/62**

(11) **WO 2004/086739** (13) A1

(21) PCT/SE2004/000459

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) sv (26) en

(30) 0300922-2 **25 Mar/mar 2003 SE**
(**25.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ARRANGEMENT SERVED BY OPERATOR TO ESTABLISH CONNECTIONS BETWEEN USERS

• MECANISME SERVI PAR UN OPERATEUR PERMETTANT D'ETABLIR DES CONNEXIONS ENTRE DES UTILISATEURS

(71) **TRIO AB** [SE/SE]; Box 6795, S-113 85 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÖMAN, Anders Sören** [SE/SE]; Byängsvägen 10, S-187 36 Täby (SE).

(74) **LINDBLOM, Erik J** et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **H04M 3/54**

(11) **WO 2004/086740** (13) A2

(21) PCT/IB2004/000919

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 10/402,511 **28 Mar/mar 2003 US**
(**28.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A SYSTEM AND METHOD TO STOP CALL LOOPING

• PROCEDE ET SYSTEME PERMETTANT D'EVITER LES APPELS EN BOUCLE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72) **TAFF, Louis, M.**; 204 Chesapeake Way, Chapel Hill, NC 27516 (US). **NORDIN, Hans**; Nibblebacken 72, S-146 52 Tullinge (SE).

(74) **HAN, John, C.** et al. / etc.; Ericsson Inc., 6300 Legacy, MS EVR 1-C-11, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **H04M 11/00, G10L 11/00**

(11) **WO 2004/086741** (13) A1

(21) PCT/JP2004/004221

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-084775 **26 Mar/mar 2003 JP**
(**26.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • TALKING QUALITY EVALUATION SYSTEM AND DEVICE FOR EVALUATING TALKING QUALITY

• SYSTEME ET DISPOSITIF D'EVALUATION DE LA QUALITE VOCALE

(71) **AGILENT TECHNOLOGIES INC.** [US/US]; 395 Page Mill Road, Palo Alto, CA 94306-0670 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUNATSU, Kazuhiko** [JP/JP]; 4-14-8, 303, Suga, Tama-ku, Kawasaki-shi Kanagawa, 2140001 (JP). **YANAGITA, Keiko** [JP/JP]; 4-go, 14-gaiku, Hayasuzu-cho, Miyakonojyo-shi, Miyazaki, 8850055 (JP). **KATSUBE, Taiji** [JP/JP]; 4-25-26, Nakanokami-cho, Hachioji-shi, Tokyo, 1920041 (JP).

(74) **KATO, Kimihisa**; Agilent Technologies Japan, Ltd. General Legal & Intellectual Property Dept. 9-1, Takakura-cho, Hachioji-shi, Tokyo, 1928510 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086742** (13) A1

(21) PCT/US2004/008184

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) en (26) en

(30) 10/396,934 **24 Mar/mar 2003 US**
(**24.03.2003**)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMUNICATION USING ELECTROSHOCKS

• COMMUNICATION UTILISANT DES ELECTROCHOCES

(71) **SIEMENS INFORMATION AND COMMUNICATION MOBILE LLC** [US/US]; 16745 West Bernardo Drive, Suite 400, San Diego, California 92127 (US).

(72, 75) **NEVERMANN, Peter** [DE/DE]; Dachsweg 6, Langenfeld, AR 40764 (US).

(74) **KIM, Rosa, S. et al. / etc.**; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

(11) **WO 2004/086743** (13) A2

(21) PCT/US2004/006992

(22) **5 Mar/mar 2004 (05.03.2004)**

(25) en (26) en

(30) 60/455,942 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CONTAINER WITH ENHANCED DISPLAY

• RECIPIENT PRESENTANT UNE DECORATION AMELIOREE

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN GORDON, Todd** [US/US]; 6 Dawn Drive, Basking Ridge, NJ 07920 (US). **CANADY, Van** [US/US]; 1085 Cherry Hill Road, Princeton, NJ 08540 (US).

(74) **MC GREAL, Michael, J.**; Colgate-Palmolive Company, 909 River Road, Piscataway, New Jersey 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H04N

(11) **WO 2004/086744** (13) A2

(21) PCT/US2004/007052

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) en (26) en

(30) 10/394,835 **22 Mar/mar 2003 US (22.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SPATIAL LIGHT MODULATOR WITH HIDDEN COMB ACTUATOR

• MODULATEUR SPATIAL DE LUMIERE COMPRENANT UN ACTIONNEUR A PEIGNE CACHE

(71) **ACTIVE OPTICAL NETWORKS, INC.** [US/US]; 4215 Technology Drive, Fremont, CA 94538 (US).

(72) **NOVOTNY, Vlad, J.**; 16105 Cerro Vista Drive, Los Gatos, CA 95032 (US). **SHAH, Paren**; 2850 Middlefield Road, Apt. 201, Palo Alto, CA 94306 (US).

(74) **BEHIEL, Arthur, J.**; 6601 Koll Center Parkway, Suite 245, Pleasanton, CA 94566 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086745** (13) A2

(21) PCT/US2004/008169

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) en (26) en

(30) 10/393,521 **19 Mar/mar 2003 US (19.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MULTI-TIERED CONTENT MANAGEMENT SYSTEM

• SYSTEME DE GESTION DE CONTENU A PLUSIEURS ETAGES

(71) **CONCURRENT COMPUTER CORPORATION** [US/US]; 4375 River Green Parkway, Suite 100, Duluth, GA 30096 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAYDOS, JR., Robert C.** [US/US]; 902 Yorkshire Way, Harleysville, PA 19438 (US). **GABLER, Phillip A.** [US/US]; 3793 Amber-ton Way, Doylestown, PA 18901 (US). **ALLEGREZZA, Fred J.** [US/US]; 1432 Downey Drive, Hatfield, PA 19440 (US). **LUEHRS, Douglas R.** [US/US]; 2316 Hurst Drive, Atlanta, GA 30305 (US).

(74) **BRISKI, John M.**; TROUTMAN SANDERS LLP, 600 Peachtree Street, N.E., Suite 5200, Atlanta, GA 30308-2216 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086746** (13) A2

(21) PCT/US2004/008279

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) en (26) en

(30) 10/393,706 **20 Mar/mar 2003 US (20.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOW COMPLEXITY ENCODER AND DECODER

• CODEUR ET DECODEUR DE FAIBLE COMPLEXITE

(71) **ARRAYCOMM, INC.** [US/US]; 2480 North First Street, Suite 200, San Jose, CA 95131 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Yan** [CN/US]; 19862 Pear Tree Lane, Cupertino, CA 95014 (US). **BOROS, Tibor** [HU/US]; 400 Beale Street #903, San Francisco, CA 94105 (US).

(74) **CALDWELL, Gregory, D. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086747 (13) A2
(21) PCT/US2004/008460
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 60/456,294 20 Mar/mar 2003 US (20.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • SYSTEMS AND METHODS FOR MULTI-STREAM IMAGE PROCESSING
• SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGE MULTIFLUX
(71) COVI TECHNOLOGIES, INC. [US/US]; 8303 North MoPac Expressway, Suite B-320, Austin, TX 78759 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WASHINGTON, Richard, G. [US/US]; 6309 Travis Peak Trail, Marble Falls, TX 78654 (US).
(74) ENDERS, William, W.; O'Keffe, Egan & Peterman LLP, 1101 Capital Of Texas Highway South, Building C, Suite 200, Austin, TX 78746 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/40, B41J 3/00
(11) WO 2004/086749 (13) A1
(21) PCT/JP2004/004474
(22) 29 Mar/mar 2004 (29.03.2004)
(25) ja (26) ja
(30) 2003-087190 27 Mar/mar 2003 JP (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • IMAGE OUTPUT CONTROL SYSTEM, IMAGE PROCESSING APPARATUS, AND METHOD THEREOF
• SYSTEME DE COMMANDE DE SORTIE D'IMAGE, APPAREIL DE TRAITEMENT D'IMAGE ET SON PROCEDE
(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 1630811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KAKUTANI, Toshiaki [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).
(74) TOKKYO GYOMUHOJIN MEISEI INTERNATIONAL PATENT FIRM; Mitsui-Sumitomo Bank Bldg., 7th floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 4600003 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 5/00
(11) WO 2004/086751 (13) A2
(21) PCT/CH2004/000182
(22) 24 Mar/mar 2004 (24.03.2004)
(25) en (26) en
(30) PCT 03/00199 27 Mar/mar 2003 CH (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD FOR ESTIMATING LOGO VISIBILITY AND EXPOSURE IN VIDEO
• PROCEDE D'EVALUATION DE VISIBILITE ET D'EXPOSITION DE LOGO-TYPES DANS UNE VIDEO
(71, 72) STARTCHIK, Sergei [CH/CH]; Rue des Paquis 36, CH-1201 Genève (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/40, B41J 3/00
(11) WO 2004/086750 (13) A1
(21) PCT/JP2004/004478
(22) 29 Mar/mar 2004 (29.03.2004)
(25) ja (26) ja

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/18

(11) WO 2004/086752 (13) A1

(21) PCT/US2004/007478

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/400,783 27 Mar/mar 2003 US
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DIGITAL BLACK CLAMP CIRCUIT IN
ELECTRONIC IMAGING

• CIRCUIT DE FIXATION NUMÉ-
RIQUE DU NOIR POUR SYSTÈME
D'IMAGERIE ELECTRONIQUE

(71) EASTMAN KODAK COMPANY
[US/US]; 343 State Street, Rochester, NY
14650-2201 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MCDERMOTT, Bruce Crane
[US/US]; 2072 Harris Road, Penfield, NY
14526 (US).

(74) EASTMAN KODAK COMPANY; 343
State Street, Rochester, NY 14650-2201
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL 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 H04N 5/225

(11) WO 2004/086753 (13) A1

(21) PCT/JP2004/002553

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ja (26) ja

(30) 2003-056241 3 Mar/mar 2003 JP
(03.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMAGING DEVICE

• DISPOSITIF D'IMAGERIE

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
1410001 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TAMURA, Shigeru [JP/JP]; c/o Sony
Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 1410001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor
Yamato Seimei Bldg., 1-7, Uchisaiwai-cho
1-chome, Chiyoda-ku, Tokyo 100011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/225

(11) WO 2004/086754 (13) A1

(21) PCT/KR2004/000631

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 20-2003-0008942 25 Mar/mar 2003 KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SPEED DOME CAMERA

• CAMERA DOME RAPIDE

(71, 72) HWANG, Eui-Nam [KR/KR]; 189-2,
Hogyedong, Dongan-gu, Anyang-si,
Gyeonggi-do 431-080 (KR).

(74) PARK, Sang-Soo; Suite 1810, Hwanghwa
Bldg., 832-7 Yeoksam-dong, Gangnam-gu,
Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/262, 5/74, 13/00

(11) WO 2004/086755 (13) A1

(21) PCT/JP2004/004239

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en

(26) en

(30) 2003-085579 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR CREATING BRIGHT-
NESS FILTER AND VIRTUAL SPACE
CREATION SYSTEM

• PROCEDE SERVANT A CREER UN
FILTRE DE BRILLANCE ET SYSTÈME
DE CREATION D'UN ESPACE VIR-
TUEL

(71) MATSUSHITA ELECTRIC WORKS
LTD. [JP/JP]; 1048, Oaza-Kadoma,
Kadoma-shi, Osaka, 5718686 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SHIBANO, Nobuyuki, [JP/JP]; c/o
Matsushita Electric Works, Ltd., 1048,
Oaza-Kadoma, Kadoma-shi, Osaka, 5718686
(JP).

(74) NISHIKAWA, Yoshikiyo, et al. / etc.; c/o
Hokuto Patent Attorneys Office Umeda-Dai-
ichiseimei Bldg. 5th Floor, 12-17, Umeda
1-chome, Kita-ku, Osaka-shi, Osaka,
5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/44

(11) WO 2004/086756 (13) A1

(21) PCT/JP2004/004302

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-088421 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • REMOTE CONTROL SYSTEM, CON-
TROLLABLE DEVICE, AND REMOTE
CONTROL METHOD

• SYSTÈME DE TELECOMMANDE,
DISPOSITIF CONTROLABLE, ET PRO-
CEDE DE TELECOMMANDE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma Kadoma-shi Osaka, 5718501 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HIROSE, KojiSAKAI, Ryuichi-
MANIWA, Takashi

(74) KAWAMIYA, Osamu et al. / etc.;
AOYAMA & PARTNERS, IMP Building,
3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi,
Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/53, H03G 3/00

(11) WO 2004/086757 (13) A1

(21) PCT/IB2004/050306

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03290802.2 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INTEGRATED TUNER
• TUNER INTEGRE

(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) MOTTE, Bruno, P., J-M. [FR/FR]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). FORTUIN, Robbert, P. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) STEENBEEK, Leonardus, J.; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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, 7/24, G11B 20/10

(11) WO 2004/086758 (13) A1

(21) PCT/JP2004/003990

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-081469 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2003-081471 24 Mar/mar 2003 JP
(24.03.2003)

(30) 2003-095948 31 Mar/mar 2003 JP
(31.03.2003)

(30) 2003-129340 7 May/mai 2003 JP
(07.05.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA ENCODING APPARATUS, DATA
ENCODING METHOD, DATA OUT-
PUT APPARATUS, DATA OUTPUT
METHOD, SIGNAL PROCESSING
SYSTEM, SIGNAL PROCESSING AP-
PARATUS, SIGNAL PROCESSING
METHOD, DATA DECODING AP-
PARATUS, AND DATA DECODING
METHOD

• APPAREIL ET PROCEDE DE CODAGE
DE DONNEES, APPAREIL ET PRO-
CEDE DE SORTIE DE DONNEES,
SYSTEME, APPAREIL ET PROCEDE
DE TRAITEMENT DE SIGNAUX ET
APPAREIL ET PROCEDE DE DECO-
DAGE DE DONNEES

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
1410001 (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 1410001 (JP).

(74) YAMAGUCHI, Kunio et al. / etc.; 5th
Floor, Hirayama Building 15-2, Uchikanda
1-chome, Chiyoda-ku, Tokyo 1010047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086759 (13) A1

(21) PCT/JP2004/002134

(22) 24 Feb/fév 2004 (24.02.2004)

(25) ja (26) ja

(30) 2003-083143 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-172780 18 Jun/juin 2003 JP
(18.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RECORDING METHOD, RECORDING
DEVICE, RECORDING MEDIUM, RE-
PRODUCTION METHOD, REPRODUC-
TION DEVICE, AND IMAGE PICKUP
DEVICE

• PROCEDE, DISPOSITIF, SUPPORT
D'ENREGISTREMENT, PROCEDE,
DISPOSITIF DE REPRODUCTION ET
DISPOSITIF DE CAPTURE D'IMAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo,
1410001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ARIDOME, Kenichiro [JP/JP]MAT-
SUNO, Katsumi [JP/JP]DATE, Osamu
[JP/JP]

(74) NAKAMURA, Tomoyuki; C/o Miyoshi
International Patent Office 9th Floor, Tora-
nomon Daiichi Building, 2-3, Toranomom
1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK 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 5/92, G11B 20/10, 20/12, 27/00

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(21) PCT/JP2004/003798

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-088453 27 Mar/mar 2003 JP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA PROCESSING APPARATUS
• DISPOSITIF DE TRAITEMENT DE
DONNEES

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OKAUCHI, Osamu NAKAMURA,
Kazuhiko ITO, Masanori

(74) OKUDA, Seiji; Okuda & Associates,
2nd Floor, Kataoka Bldg., 3-6, Uchiawa-
jimachi 1-chome, Chuo-ku, Osaka-shi, Osaka
5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/00

(11) WO 2004/086761 (13) A2

(21) PCT/EP2004/050312

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 03100802.2 27 Mar/mar 2003 EP
(27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • ULTRA LIGHT WEIGHT BROWSER
• NAVIGATEUR ULTRALEGER

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(71) IBM DEUTSCHLAND GMBH [DE/DE];
Pascalstrasse 100, 70569 Stuttgart (DE).
(only for / seulement pour LU)

(72, 75) GÖTZ, Norbert [DE/DE]; Gren-
zhöfer Weg 9, 69123 Heidelberg (DE).
STAMM-WILBRANDT, Hermann
[DE/DE]; Akazienstr. 15/5, 69412 Eber-
bach (DE).

(74) TEUFEL, Fritz; Postal Code, 70548
Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/015

(11) WO 2004/086762 (13) A1

(21) PCT/KR2004/000274

(22) 11 Feb/fév 2004 (11.02.2004)

(25) ko (26) en

(30) 10-2003-0008529 11 Feb/fév 2003 KR
(11.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DECISION FEEDBACK EQUALIZER
FOR DIGITAL TV AND METHOD
THEREOF

- EGALISEUR A DECISION RETROAC-
TIVE POUR TV NUMERIQUE ET PRO-
CEDE S'Y RAPPORTANT

(71) ELECTRONICS AND TELECOMMU-
NICATIONS RESEARCH INSTITUTE
[KR/KR]; 161, Gajeong-dong, Yuseong-gu,
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les États désignés sauf US)

(72, 75) PARK, Sung-Ik [KR/KR]; 146-14, Sin-
seong-dong, Yuseong-gu, Daejeon 305-804
(KR). KIM, Hyoung-Nam [KR/KR]; #302,
119-2, Sinseong-dong, Yuseong-gu, Dae-
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[KR/KR]; #109-1804 Narae Apt., Jeon-
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(KR). AHN, Chietek [KR/KR]; #208-603
Expo Apt., Jeonmin-dong, Yuseong-gu, Dae-
jeon 305-761 (KR).

(74) SHINSUNG PATENT FIRM; Haecheon
Bldg., 741-40, Yeoksam 1-dong, Kang-
nam-gu, Seoul 135-924 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 7/16

(11) WO 2004/086763 (13) A1

(21) PCT/IB2004/000929

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,771 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • DATA BLOCK DETECT BY FINGER-
PRINT
• DETECTION DE BLOCS DE DONNEES
PAR EMPREINTE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US];
1251 Avenue of the Americas, New York, NY
10510-8001 (US).

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(72, 75) TICHELAAR, Johannes Yzebrand
[NL/US]; 1109 McKay Drive, M/S-41SJ,
San Jose, CA 95131 (US). KALKER, Anto-
nius A.C.M. [NL/US]; 1109 McKay Drive,
M/S-41SJ, San Jose, CA 95131 (US).

(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o LESTER, Shannon, 1109

McKay Drive, M/S-41SJ, San Jose, CA
95131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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, 5/445

(11) WO 2004/086764 (13) A1

(21) PCT/FR2004/000650

(22) 17 Mar/mar 2004 (17.03.2004)

(25) fr (26) fr

(30) 03290736.2 21 Mar/mar 2003 EP
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD AND DEVICE FOR THE
BROADCASTING AND LOADING OF
INFORMATION IN A DIGITAL TELE-
VISION-TYPE COMMUNICATION
SYSTEM

- PROCEDE ET DISPOSITIF DE DIFFU-
SION ET DE CHARGEMENT D'UNE
INFORMATION DANS UN SYSTEME
DE COMMUNICATION DU TYPE TE-
LEVISION NUMERIQUE

(71) CANAL + TECHNOLOGIES [FR/FR]; 34,
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(FR).

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les États désignés sauf US)

(72, 75) BETTAN, Hubert [FR/FR]; 7 bis, rue
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VIER, Laurent [FR/FR]; 99, rue Saint Do-
minique, F-75007 Paris (FR).

(74) SANTARELLI; B.P. 237, 14, avenue de
la Grande-Armée, F-75822 Paris Cedex 17
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 7/173

(11) WO 2004/086765 (13) A1

(21) PCT/JP2004/004018

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-083681 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DATA TRANSMISSION DEVICE

• DISPOSITIF DE TRANSMISSION DE
DONNEES

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO. LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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les États désignés sauf US)

(72, 75) TOMA, Tadamasa MATSUI, Yoshinori

(74) NII, Hiromori; c/o NII Patent Firm,
3rd Floor, Shin-Osaka Suehiro Center
Bldg., 11-26, Nishinakajima 3-chome, Yo-
dogawa-ku, Osaka-shi, Osaka, 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, B60Q 1/14

(11) WO 2004/086766 (13) A1

(21) PCT/EP2004/002165

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 13 003.9 24 Mar/mar 2003 DE
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SWITCHING ON/OFF CONCEPT FOR
AN AUTOMOBILE NIGHT VISION
SYSTEM

• SYSTEME DE MARCHE/ARRET POUR
UN SYSTEME DE VISION NOCTURNE
DESTINE A DES AUTOMOBILES

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) EGGERS, Helmuth [DE/DE]; Einstein-
strasse 17/1, 89077 Ulm (DE). KURZ, Ger-
hard [DE/DE]; Panoramastrasse 19, 73240
Wendlingen (DE). SEEKIRCHER, Jürgen
[DE/DE]; Gartenstrasse 39, 73760 Ostfildern
(DE). WOHLGEMUTH, Thomas [DE/DE];
Teckstrasse 2, 72631 Aichtal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/24

(11) WO 2004/086767 (13) A2

(21) PCT/EP2004/050352

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03290768.5 26 Mar/mar 2003 EP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PROCESSING A DATA STREAM FOR-
MAT FOR MOBILE AUDIOVISUAL
RECEPTION

• TRAITEMENT D'UN FORMAT DE
FLUX DE DONNEES POUR LA RE-
CEPTION AUDIOVISUELLE MOBILE

(71) CANAL+ TECHNOLOGIES [FR/FR]; 34
Place Raoul Dautry, F-75015 Paris (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WENDLING, Bertrand [FR/FR]; 41
avenue du Général Leclerc, F-78220 Viroflay
(FR). ODDOU, Christophe [FR/FR]; 90 av-
enue Foch, F-94340 JOINVILLE LE PONT
(FR).

(74) WEIHS, Bruno; Osha Novak & May, 121
avenue des Champs Elysées, F-75008 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/24

(11) WO 2004/086768 (13) A2

(21) PCT/US2004/008967

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en

(26) en

(30) 10/395,936 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD FOR PRO-
VIDING MULTIPLEXING AND
REMULPLEXING OF MPEG-2
STREAMS

• SYSTEME ET PROCEDE DE MULTI-
PLEXAGE ET DE REMULPLEXAGE
DE FLUX MPEG-2

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) NOGIMA, Julio; 4 Martine Avenue,
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(74) DOUGHERTY, Anne; 3173 Cedar Road,
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/26

(11) WO 2004/086769 (13) A2

(21) PCT/FR2004/000689

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr (26) fr

(30) 03/03449 20 Mar/mar 2003 FR
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHODS AND DEVICES FOR EN-
CODING AND DECODING A SE-
QUENCE OF IMAGES BY MEANS
OF MOTION/TEXTURE DECOMPOSI-
TION AND WAVELET ENCODING

• PROCEDES ET DISPOSITIFS DE CO-
DAGE ET DE DECODAGE D'UNE
SEQUENCE D'IMAGES PAR DECOM-
POSITION MOUVEMENT/TEXTURE
ET CODAGE PAR ONDELETES

(71) FRANCE TELECOM [FR/FR]; 6, place
d'Alleray, F-75015 Paris (FR).
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les États désignés sauf US)

(72, 75) CAMMAS, Nathalie [FR/FR]; 5, rue
Jean Marin, F-35700 Rennes (FR). PA-
TEUX, Stéphane [FR/FR]; 9, rue Général
de Gaulle, F-35760 Saint Grégoire (FR).
LAURENT, Nathalie [FR/FR]; 3, rue des
Fraiches, F-35630 Vignoc (FR).

(74) BIORET, Ludovic; Cabinet Vidon, 16B,
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Cedex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086770 (13) A1

(21) PCT/JP2004/003353

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-088060 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • IMAGING DEVICE

• DISPOSITIF DE FORMATION D'IMAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kishinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKABAYASHI, Kiyotaka [JP/JP]

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/00

(11) WO 2004/086771 (13) A2

(21) PCT/GB2004/001364

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307077.8 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A STEREOSCOPIC DISPLAY

• ECRAN STEREOSCOPIQUE

(71) UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 1XQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCKAY, Stuart [GB/GB]; Department of DMEM, James Weir Building, University of Strathclyde, 75 Montrose Street, Glasgow G1 1XJ (GB). MASON, Steven [GB/GB]; Department of DMEM, James Weir Building, University of Strathclyde, 75 Montrose Street, Glasgow G1 1XJ (GB). MAIR, Gordon [GB/GB]; Department of DMEM, James Weir Building, University of Strathclyde, 75 Montrose Street, Glasgow G1 1XJ (GB). HARRISON, Colin [GB/GB]; Department of DMEM, James Weir Building, University of Strathclyde, 75 Montrose Street, Glasgow G1 1XJ (GB).

(74) MACDOUGALL, Donald, Carmichael et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086772 (13) A2

(21) PCT/IB2004/001360

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0306711.3 24 Mar/mar 2003 GB (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • POSITIONING IN A COMMUNICATIONS SYSTEM

• POSITIONNEMENT DANS UN SYSTEME DE COMMUNICATIONS

(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) MUHONEN, Janne, Markus [FI/FI]; Kallvikintie 59 B 30, FIN-00980 Helsinki (FI).

(74) SLINGSBY, Philip, Roy et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086773 (13) A2

(21) PCT/IB2004/000779

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/396,121 24 Mar/mar 2003 US (24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • APPARATUS FOR RETROFITTING AN ENCLOSURE WITH A CABINET

• APPAREIL POUR MODERNISER UNE ARMOIRE AVEC UN COFFRET

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADAMS, Russell, D. [US/US]; 1400 Preston Lane, Jackson, WY 83001 (US).

(74) BRANCH, John, W. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086774 (13) A2

(21) PCT/IN2004/000068

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,439 26 Mar/mar 2003 US (26.03.2003)

(30) 10/809,063 24 Mar/mar 2004 US (24.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ATTRIBUTE BASED COMMUNICATION

• COMMUNICATION A BASE D'ATTRIBUTS

(71, 72) RAJAN, Sunder, Nandan [IN/IN]; 14/2, Palm Avenue, Calcutta 700 019, West Bengal (IN).

(74) AHUJA, Sudhir, D. et al. / etc.; D.P.Ahuja & Co., 53, Syed Amir Ali Avenue, Calcutta 700 019, West Bengal (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086775 (13) A2

(21) PCT/US2004/008274

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/395,798 24 Mar/mar 2003 US
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A METHOD AND CONTACT LIST
SERVER FOR MODIFYING THE EN-
TRY NAMES IN A CONTACT LIST

• PROCEDE ET SERVEUR DE LISTE DE
CONTACT POUR LA MODIFICATION
DES NOMS D'ENTREE DANS UNE
LISTE DE CONTACT

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

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(30) 60/457,118 24 Mar/mar 2003 US
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(30) 60/473,959 28 May/mai 2003 US
(28.05.2003)

(30) 60/477,522 11 Jun/juin 2003 US
(11.06.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CO-CHANNEL WIRELESS COMMU-
NICATION METHODS AND SYSTEMS
USING NONSYMMETRICAL ALPHA-
BETS

• PROCEDES ET SYSTEMES POUR
COMMUNICATIONS SANS FIL DANS
LE MEME CANAL, A ALPHABETS
NON SYMETRIQUES

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/14

(11) WO 2004/086777 (13) A1

(21) PCT/EP2004/001964

(22) 27 Feb/fév 2004 (27.02.2004)

(25) de (26) de

(30) 103 13 358.5 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • PATCH PANEL FOR MOUNTING ON A
WALL OR IN A SUBRACK

• PANNEAU DE CABLAGE POUR MON-
TAGE SUR UNE PAROI OU DANS UN
CHASSIS

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(81) AE AG AL AM AT AU AZ BA BB BG BR
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DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
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TD TG).

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(25) en (26) en

(30) 0307151.1 28 Mar/mar 2003 GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMUNICATION UNIT, COMMUNI-
CATION SYSTEM AND METHOD FOR
REDUCING NETWORK CONGESTION
THEREIN

• UNITE DE COMMUNICATION, SYS-
TEME DE COMMUNICATION ET
PROCEDE DE REDUCTION DE
L'ENCOMBREMENT DU RESEAU

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(81) AE AG AL AM AT AU AZ BA BB BG BR
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DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51) H04Q 7/00

(11) WO 2004/086779 (13) A1

(21) PCT/KR2004/000645

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ko (26) en

(30) 10-2003-0018549 25 Mar/mar 2003 KR
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR STABILIZING BTS USING E1 TRUNK BOARD DUPLEXING OF BSC

• PROCEDE DE STABILISATION D'UN BTS PAR DUPLICATION D'UNE CARTE DE LIGNE DE JONCTION E1 DANS UN BSC

- (71) **UTSTARCOM KOREA LIMITED** [KR/KR]; San 136-1 Ami-Ri, Bubal-Eub, Icheon-Si, Kyongki-Do 467-701 (KR).
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- (74) **YOON, Jee Hong**; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04J 13/00**

- (11) **WO 2004/086780** (13) A1

- (21) PCT/CN2004/000018

- (22) **6 Jan/jan 2004 (06.01.2004)**

- (25) zh (26) zh

- (30) 03121353.7 **26 Mar/mar 2003** CN (26.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR INITIAL UPLINK SYNCHRONIZATION IN TDD SYSTEM

• PROCEDE DE SYNCHRONISATION INITIALE DE LIAISONS ASCENDANTES DANS UN SYSTEME DRT

- (71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086781** (13) A1

- (21) PCT/CN2004/000230

- (22) **19 Mar/mar 2004 (19.03.2004)**

- (25) zh (26) zh

- (30) 03121080.5 **24 Mar/mar 2003** CN (24.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD OF ASKING FOR AREA RESTRICTED LOCATION INFORMATION IN LOCATION SERVICE

• PROCEDE DE DEMANDE D'INFORMATION DE LOCALISATION DE ZONE A ACCES LIMITE DANS UN SERVICE DE LOCALISATION

- (71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
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- (74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086782** (13) A1

- (21) PCT/KR2004/000676

- (22) **25 Mar/mar 2004 (25.03.2004)**

- (25) en (26) en

- (30) 10-2003-0018493 **25 Mar/mar 2003** KR (25.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • VIDEO ALERTING METHOD FOR ASYNCHRONOUS WIRELESS TELECOMMUNICATION SYSTEM

• PROCEDE D'ALERTE VIDEO DE SYSTEME DE TELECOMMUNICATION SANS FIL ASYNCHRONE

- (71) **HURIM INTERACTIVE CORP.** [KR/KR]; 5F, Askventuretown, 681-42, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086783** (13) A1

- (21) PCT/US2004/009074

- (22) **24 Mar/mar 2004 (24.03.2004)**

- (25) en (26) en

- (30) 60/457,529 **24 Mar/mar 2003** US (24.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)

- (54) • NODE PLACEMENT METHOD WITHIN A WIRELESS NETWORK, SUCH AS A WIRELESS LOCAL AREA NETWORK

• PROCEDE DE PLACEMENT DE NOEUD DANS UN RESEAU SANS FIL, TEL QU'UN RESEAU LOCAL SANS FIL

- (71) **STRIX SYSTEMS, INC.** [US/US]; 26610 Agoura Road, Calabasas, CA 91302 (US).
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- (72, 75) **KALIKA, Leonid** [US/US]; 2118 Wilshire Boulevard #609, Santa Monica, CA 90403 (US). **BERG, Alexander** [US/US]; 19790 Greenbriar Drive, Tarzana, CA 91356 (US). **ABRAHAM, Gabi** [IL/US]; 5378 Sacramento Drive, Oak Park, CA 91377 (US). **IRANI, Cyrus** [US/US]; 1445 Via Coronel, Palos Verdes Estates, CA 90274 (US). **PECHAC, Pavel** [CZ/CZ]; Zemedem-ska 4, 160 00 Praha 6 (CZ). **MARTINEZ, Ana, Laura** [UY/US]; 26325 West Bravo Lane, Calabasas, CA 91302 (US).

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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
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(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHODS AND APPARATUS FOR
DELIVERING A MESSAGE TO TWO
OR MORE ASSOCIATED WIRELESS
COMMUNICATION DEVICES

• PROCEDES ET APPAREIL
D'ACHEMINEMENT D'UN MESSAGE
A DEUX OU PLUSIEURS DISPOSITIFS
DE COMMUNICATION SANS FIL
ASSOCIES

- (71) RESEARCH IN MOTION LIMITED
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tario N2L 3W8 (CA).

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- (74) PATHIYAL, Krishna, K. et al. / etc.; Re-
search In Motion Limited, 295 Phillip Street,
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- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
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AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT 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 H04Q 7/22, H04L 12/18

(11) WO 2004/086785 (13) A2

(21) PCT/EP2004/001937

(22) 26 Feb/fév 2004 (26.02.2004)

(25) de (26) de

(30) 103 13 356.9 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD FOR RECEIVING AND
METHOD FOR TRANSMITTING A
BROADCAST OR MULTICAST SER-
VICE IN A RADIO COMMUNICA-
TIONS SYSTEM, AND RECEIVING
STATION AND TRANSMITTING STA-
TION

• PROCEDE POUR RECEVOIR ET PRO-
CEDE POUR ENVOYER UN SERVICE
DE DIFFUSION OU DE DIFFUSION SE-
LECTIVE DANS UN SYSTEME DE RA-
DIOCOMMUNICATION, STATION DE
RECEPTION ET STATION D'EMISSION

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- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/086786 (13) A1

(21) PCT/EP2004/050220

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 0307152.9 28 Mar/mar 2003 GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • PACKET TRANSMISSION CONTROL
IN CELLULAR COMMUNICATIONS
SYSTEMS

• CONTROLE DE TRANSMISSION DE
PAQUETS DANS DES SYSTEMES DE
COMMUNICATIONS CELLULAIRES

- (71) MOTOROLA INC [US/US]; 1303 E.Al-
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- (74) LITCHFIELD, Laura; Motorola European
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Alencon Link, Basingstoke Hampshire RG21
7PL (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE 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) 10/395,187 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • INTERACTIVE MESSAGING SYSTEM
• SYSTEME DE MESSAGERIE INTER-
ACTIVE

- (71) VOCAL, INC. [US/US]; 11526 Meadow
Grass Lane, San Diego, California 92128
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- (74) MCCLAIN, James; GORDON & REES
LLP, 1660 Union Street, San Diego, Califor-
nia 92101-2926 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 the following designations / pour les
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 7/24, 7/32

(11) WO 2004/086788 (13) A1

(21) PCT/DE2004/000666

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 10314144.8 25 Mar/mar 2003 DE
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CHARGEABLE ACTIVATION AND
DEACTIVATION OF SIM CARDS IN
A MOBILE RADIO GATEWAY OR
MOBILE RADIO TERMINAL AND
CORRESPONDING METHOD

• ACTIVATION PAYANTE ET DESACTI-
VATION DE CARTES SIM DANS UNE
PASSERELLE OU UN APPAREIL DE
TELEPHONIE MOBILE ET PROCEDE
ASSOCIE

(71) TELES AG INFORMATIONSTECH-
NOLOGIEN [DE/DE]; Dovestrasse 2 - 4,
10587 Berlin (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PAETSCH, Frank [DE/DE]; Fuchsien-
weg 14, 12357 Berlin (DE).

(74) DR. MÜLLER, Wolfram, H.; c/o Patentan-
wälte Maikowski & Ninnemann, Postfach 15
09 20, 10671 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK 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 7/24, H04L 29/06

(11) WO 2004/086789 (13) A1

(21) PCT/IB2004/001054

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0306863.2 25 Mar/mar 2003 GB
(25.03.2003)

(30) 10/615,420 9 Jul/juil 2003 US
(09.07.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SERVICE PROVISIONING IN A COM-
MUNICATION SYSTEM

• FOURNITURE DE SERVICES DANS
UN SYSTEME 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) WESTMAN, Ilkka [SE/FI]; Keuruuntie
3-13 E21, FIN-00510 Helsinki (FI). BAJKO,
Gabor [HU/HU]; City Gate 2, 4th Floor,
Budapest (HU). HUOTARI, Seppo [FI/FI];
Albergan Esplanadi 4 B 31, FIN-02600 Es-
poo (FI). KISS, Krisztian [HU/HU]; 12278
Scripps Summit Dr., San Diego, CA (US).
PULKKINEN, Olli, M. [FI/FI]; Alaniemen-
tie 6, FIN-02970 Espoo (FI). TAMMI, Kalle
[FI/FI]; Vernissaraitti 8 A 9, FIN-33720
Tampere (FI). TUOHINO, Markku [FI/FI];
Koivusyrjä 25F, FIN-02130 Espoo (FI).

(74) RUUSKANEN, Juha-Pekka; Page White &
Farrer, 54 Doughty Street, London WC1N
2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 10-2003-0008513 11 Feb/fév 2003 KR
(11.02.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD AND DEVICE FOR SUBDI-
VIDING CHARGE IN NETWORK

• PROCEDE ET DISPOSITIF DE SUBDI-
VISION DE FRAIS DANS UN RESEAU

(71) KTFREETEL CO. LTD. [KR/KR]; 890-20,
Daechi-dong, Gangnam-gu, 135-280 Seoul
(KR).
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les États désignés sauf US)

(72, 75) CHOI, Woo-Hyung [KR/KR];
2312-501 Haitbitmaeul APT., Haengsin
1-dong, Deokyang-gu, Goyang-si, 412-722
Gyeonggi-do (KR). OH, Mi-Na [KR/KR];
54-15, Yeokchon 2-dong, Eunpyeong-gu,
122-072 Seoul (KR). KIM, Sung-Chul
[KR/KR]; 712-604 Sunkyeong, Gangchon-
maeul 796, Madu-dong, Ilsan-gu, Goyang-si,
411-350 Gyeonggi-do (KR). JIN, Sung-Il
[KR/KR]; 83 Anamdong 1Ga, Seong-
buk-dong, Seongbuk-gu, 136-071 Seoul
(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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 7/28

(11) WO 2004/086791 (13) A1

(21) PCT/FI2004/000157

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 20030429 24 Mar/mar 2003 FI
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • GROUP COMMUNICATION IN A
COMMUNICATION NETWORK

• COMMUNICATIONS DE GROUPE
DANS UN RESEAU DE COMMUNICA-
TIONS

(71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FI-02150 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAIJONMAA, Jaakko [FI/FI];
Katiskakuja 3, FI-02230 Espoo (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 7/28, H04B 7/185, 1/69, 7/216, H04L 27/00, H03H 7/30

(11) WO 2004/086792 (13) A1

(21) PCT/US2004/008871

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,397 21 Mar/mar 2003 US (21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYNCHRONIZATION AND CHANNEL ESTIMATION WITH SUB-NYQUIST SAMPLING IN ULTRA-WIDEBAND COMMUNICATION SYSTEMS
• SYNCHRONISATION ET ESTIMATION DES VOIES PAR ECHANTILLONNAGE SUB-NYQUIST DANS LES SYSTEMES DE COMMUNICATION A BANDE ULTRA-LARGE

(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE [CH/CH]; SRI, CM Ecublens, CH-1015 Lausanne (CH). BUSINGER, Peter, A. [US/US]; 344 Valleyscent Avenue, Scotch Plains, NJ 07076 (US).

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(72, 75) MARAVIC, Irena [YU/CH]; Avenue du Mont d'Or 69, CH-1007 Lausanne (CH). VETTERLI, Martin [CH/CH]; Chemin de Baussan 11, CH-1091 Grandvaux (CH).

(74) BUSINGER, Peter, A.; 344 Valleyscent Avenue, Scotch Plains, NJ 07076 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 7/34

(11) WO 2004/086793 (13) A1

(21) PCT/CN2003/001158

(22) 31 Dec/déc 2003 (31.12.2003)

(25) zh (26) zh

(30) 03121425.8 28 Mar/mar 2003 CN (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A MONITORING METHOD BASED ON A CELL LOCATION
• PROCEDE DE SURVEILLANCE DEPENDANT DE LA LOCALISATION D'UNE CELLULE

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Jianfeng [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04J 3/00

(11) WO 2004/086794 (13) A1

(21) PCT/CN2004/000019

(22) 6 Jan/jan 2004 (06.01.2004)

(25) zh (26) zh

(30) 03 121343.X 26 Mar/mar 2003 CN (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A RANDOM ACCESS METHOD OF TDD SYSTEM

• PROCEDE D'ACCES ALEATOIRE POUR SYSTEME TDD

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Yuehua [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). ZHOU, Lei [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). MA, Sha [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No. 10 Huayuan-Donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/086795 (13) A2

(21) PCT/EP2004/050245

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 0307153.7 28 Mar/mar 2003 GB (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR DETERMINING A COVERAGE AREA IN A CELL-BASED COMMUNICATION SYSTEM

• PROCEDE DE DETERMINATION D'UNE ZONE DE COUVERTURE DANS UN SYSTEME DE COMMUNICATION A BASE CELLULAIRE

(71) MOTOROLA INC [US/US]; 1303 E.Algonquin Road, Schaumburg, IL 60196 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPHENS, Paul [GB/GB]; Motorola Limited, Thamesdown Drive, Groundwell, Swindon Wiltshire SN25 4XY (GB). HOPKINSON, Jonathan [GB/GB]; Motorola Limited, Thamesdown Drive, Groundwell, Swindon Wiltshire SN25 4XY (GB). BRUSCH, Simon [GB/GB]; Motorola Limited, Thamesdown Drive, Groundwell, Swindon Wiltshire SN25 4XY (GB).

(74) MCCORMACK, Derek, J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086796 (13) A1

(21) PCT/EP2004/004017

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03290795.8 28 Mar/mar 2003 EP (28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • INCLUDING A HASHED SERVICE IDENTIFIER IN A PAGING MESSAGE FOR A SERVICE GROUP CALL

- INCLUSION D'UN IDENTIFICATEUR DE SERVICES HACHURE DANS UN MESSAGE DE RECHERCHE DE PERSONNES DESTINE A UN APPEL DE GROUPE DE SERVICE

(71) **NORTEL NETWORKS LIMITED** [CA/CA]; 2351 Boulevard Alfred Nobel, St. Laurent, Québec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATSON, Mark** [GB/GB]; 6 Ellingham Road, London W12 9PR (GB). **FAUCONNIER, Denis** [FR/FR]; 13, avenue de Coubertin, F-78470 Saint-Rémy-les-Chevreuses (FR). **LAUTIER, Laurence** [FR/FR]; 69, rue Alfred Champy, F-78370 Plaisir (FR).

(74) **LOISEL, Bertrand** et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victorie, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/EP2004/050296

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 0307157.8 **28 Mar/mar 2003 GB (28.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR SHARING ACCESS TO A RESOURCE OF A MOBILE COMMUNICATION SYSTEM AND SYSTEMS AND APPARATUS FOR USE THEREIN

- PROCEDE PERMETTANT DE PARTAGER L'ACCES A UNE RESSOURCE DANS UN SYSTEME DE COMMUNICATION MOBILE ET SYSTEMES ET APPAREIL DESTINES A ETRE UTILISES DANS LEDIT SYSTEME

(71) **MOTOROLA INC** [US/US]; 1303 E.Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) **MOTOROLA LIMITED** [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

(only for / seulement pour BW)

(72, 75) **SERFATY, Salomon** [IL/IL]; Motorola Israel Limited, 3 Kremenetski Street, 67899 Tel Aviv (IL). **SHAHAF, Mark** [IL/IL]; Motorola Israel Limited, 3 Kremenetski Street, 67899 Tel Aviv (IL).

(74) **MCCORMACK, Derek J.**; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/38**

(11) **WO 2004/086798** (13) A1

(21) PCT/FI2004/050030

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) fi (26) en

(30) 20030434 **24 Mar/mar 2003 FI (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • OBSERVING A MOVING SUBSCRIBER ON THE BASIS OF HANDOVER COMMANDS

- OBSERVATION D'UN ABONNE MOBILE SUR LA BASE DE COMMANDES DE TRANSFERTS INTERCELLULAIRES

(71) **OY RADIOLINJA AB** [FI/FI]; Keilasatama 5, FI-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIVIRANTA, Veli-Matti** [FI/FI]; Metsäpirtintie 16 G 7, FI-02130 Espoo (FI). **NYKOPP, Juha** [FI/FI]; Mechelininkatu 8 B 46, FI-00100 Helsinki (FI). **KNUUTTILA, Olli** [FI/FI]; Vanha Turuntie 32 A, FI-02700 Kauniainen (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Hämeentie 29, 4th Floor, FI-00500 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/38**

(11) **WO 2004/086799** (13) A1

(21) PCT/FI2004/050031

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) fi (26) en

(30) 20030427 **24 Mar/mar 2003 FI (24.03.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HANDOVER-BASED METHOD FOR ANONYMOUS OBSERVATION OF A MOVING SUBSCRIBER

- PROCEDE BASE SUR DES TRANSFERTS INTERCELLULAIRES POUR L'OBSERVATION ANONYME D'UN ABONNE MOBILE

(71) **OY RADIOLINJA AB** [FI/FI]; Keilasatama 5, FI-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIVIRANTA, Veli-Matti** [FI/FI]; Metsäpirtintie 16 G 7, FI-02130 Espoo (FI). **NYKOPP, Juha** [FI/FI]; Mechelininkatu 8 B 46, FI-00100 Helsinki (FI). **KNUUTTILA, Olli** [FI/FI]; Vanha Turuntie 32 A, FI-02700 Kauniainen (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Hämeentie 29, 4th Floor, FI-00500 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086800** (13) A2

(21) PCT/IB2004/001299

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 0306827.7 **25 Mar/mar 2003 GB (25.03.2003)**

(30) 0319459.4 **19 Aug/août 2003 GB (19.08.2003)**

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ROUTING SUBSCRIPTION INFORMATION

- ACHEMINEMENT D'INFORMATIONS D'ABONNEMENT

(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) **LYBECK, Mark** [FI/FI]; Larsangsvägen 16 B 18, FIN-00440 Helsingfors (FI). **KISS, Krisztian** [HU/FI]; Saastajankatu 13C 14, FIN-33840 Tampere (FI). **WESTMAN, Ilkka** [SE/FI]; Keuruuntie 3-13 E 21, FIN-00510 Helsinki (FI). **POIKSELKA, Mikka** [FI/FI]; c/o Nokia Corporation, Keilalahdentie 4, FIN-02150 Espoo (FI).

(74) WILLIAMS, David, John et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086801 (13) A1

(21) PCT/IB2004/000854

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 0307033.1 27 Mar/mar 2003 GB (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF, AND APPARATUS FOR, PROTECTING FROM RADIO FREQUENCY INTERFERENCE

• PROCEDE ET APPAREIL DE PROTECTION CONTRE DES PARASITES DE HAUTE FREQUENCE

(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) CALDWELL, Richard, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). PAYNE, Adrian, W. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04J 3/00

(11) WO 2004/086802 (13) A1

(21) PCT/JP2004/002040

(22) 20 Feb/fév 2004 (20.02.2004)

(25) ja (26) ja

(30) 2003-087897 27 Mar/mar 2003 JP (27.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • RADIO BASE STATION SYSTEM, CHANNEL ASSIGNMENT METHOD, AND CHANNEL ASSIGNMENT PROGRAM

• SYSTEME DE STATION DE BASE RADIO, PROCEDE ET PROGRAMME D'AFFECTATION DE CANAL

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Tadayoshi [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka, 5708677 (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, 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086803 (13) A1

(21) PCT/JP2004/003932

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083535 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOBILE DEVICE, SERVICE INFORMATION PROVIDING DEVICE, AND ROAMING METHOD

• DISPOSITIF MOBILE, DISPOSITIF FOURNISSEUR D'INFORMATIONS

DE SERVICES ET PROCEDE D'ITINERANCE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MINAMIDA, Noriaki WATANABE, Masatoshi

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04L 12/56

(11) WO 2004/086804 (13) A1

(21) PCT/JP2004/004035

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-084709 26 Mar/mar 2003 JP (26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • COMMUNICATION TERMINAL DEVICE AND RADIO COMMUNICATION METHOD

• DISPOSITIF DE TERMINAL DE COMMUNICATION ET PROCÉDÉ DE COMMUNICATION RADIO

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IOCHI, Hitoshi SUZUKI, Hidetoshi-SEIDEL, Eiko

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 H04Q 7/38
(11) WO 2004/086805 (13) A1
(21) PCT/JP2004/004151
(22) 25 Mar/mar 2004 (25.03.2004)
(25) ja (26) ja
(30) 2003-083534 25 Mar/mar 2003 JP (25.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • MOBILE TERMINAL AND CDMA COMMUNICATION METHOD
• TERMINAL MOBILE ET PROCEDE DE COMMUNICATION CDMA
(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FUJIMOTO, Yukihiro
(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 2060034 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 7/38
(11) WO 2004/086806 (13) A1
(21) PCT/KR2004/000705
(22) 27 Mar/mar 2004 (27.03.2004)
(25) en (26) en
(30) 10-2003-0019644 28 Mar/mar 2003 KR (28.03.2003)
(30) 10-2003-0037190 10 Jun/juin 2003 KR (10.06.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • METHOD FOR OBTAINING TRAFFIC INFORMATION USING BILLING INFORMATION OF MOBILE TERMINAL
• PROCEDE POUR OBTENIR DES INFORMATIONS SUR LE TRAFIC AU MOYEN DES DONNEES DE FACTURATION DU TERMINAL MOBILE
(71) SK TELECOM CO., LTD. [KR/KR]; 99, Seolin-dong, Jongro-gu, Seoul 110-728 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LEE, Chung-Hak [KR/KR]; 102-905 Sinan Apt., 381, Muk 1-dong, Jungnan-gu, Seoul 131-855 (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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 9/00
(11) WO 2004/086807 (13) A1
(21) PCT/JP2003/014074
(22) 4 Nov/nov 2003 (04.11.2003)
(25) ja (26) ja
(30) 2003-87308 27 Mar/mar 2003 JP (27.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • OPERATION MONITORING SYSTEM
• SYSTEME DE SURVEILLANCE DE FONCTIONNEMENT
(71) THERMO SYSTEM CO., LTD. [JP/JP]; 24-12, Nishi-shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MASUNAGA, Mitsuo [JP/JP]; c/o Thermo System Co., Ltd., 24-12, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
(74) NOMOTO, Yoichi; Terao-Building 7th Floor, 8-4, Nishi-Shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).
(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC EG GD GE HR ID IL IN IS KR LC LK LR LT LV MA MG MK MN MX NI NO NZ OM PG PH PL SC SG SY TN TT UA US UZ VC VN YU ZA.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
(11) WO 2004/086808 (13) A2
(21) PCT/US2004/008462
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 10/393,172 20 Mar/mar 2003 US (20.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • PORTABLE AUDIO SYSTEM
• SYSTEME AUDIO PORTABLE
(71, 72) LI, Bing [US/US]; 2703 Joelle Drive, Toledo, OH 43606 (US).
(74) SCHWEIKERT, Staci, E.; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, 4th Floor, 720 Water Street, Toledo, OH 43604 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04R
(11) WO 2004/086809 (13) A2
(21) PCT/US2004/008620
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en
(30) 10/394,499 20 Mar/mar 2003 US (20.03.2003)
(43) 7 Oct/oct 2004 (07.10.2004)
(54) • IMPROVED APPARATUS AND METHOD FOR OSSICULAR FIXATION OF IMPLANTABLE HEARING AID ACTUATOR
• PROCEDE ET APPAREIL AMELIORE POUR LA FIXATION OSSICULAIRE D'UN TRANSDUCTEUR D'AIDE AUDITIVE IMPLANTABLE
(71) OTOLOGICS LLC [US/US]; 5445 Airport Boulevard, Boulder, Colorado 80301 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) EASTER, James, Roy [US/US]; 286 Wichita Road, Lyons, Colorado 80540 (US).
KASIC, James, Frank, II [US/US]; 4785 Harrison Avenue, Boulder, Colorado 80303 (US).
BEDOYA, Jose, H. [US/US]; 604 10th Street, Boulder, Colorado 80302 (US).
SCHNEIDER, Robert, Edwin [US/US]; 2777 Hughs Drive, Erie, Colorado 80516 (US).
(74) MARSH, Thomas, R.; MARSH FISCHMANN & BREYFOGLE LLP, 3151 South Vaughn Way, Suite 411, Aurora, Colorado 80014 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
(11) WO 2004/086810 (13) A2
(21) PCT/US2004/008624
(22) 22 Mar/mar 2004 (22.03.2004)
(25) en (26) en

(30) 60/456,671 **21 Mar/mar 2003** US
(21.03.2003)

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(30) 10/804,454 **19 Mar/mar 2004** US
(19.03.2004)

Declaration / Déclaration :
(u) for / pour US only / seulement

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VOCAL PITCH-TRAINING DEVICE
• DISPOSITIF POUR APPRENDRE A
PLACER SA VOIX EN HAUTEUR

(71, 72) DAVIS, Monte [US/US]; 5025 Hampton
Bluff Court, Roswell, GA 30075 (US).

(74) PATEL, Ashish; Myers & Kaplan, Intellec-
tual Property Law, LLC, 1899 Powers Ferry
Road, Suite 310, Atlanta, GA 30339 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04R 1/02, 7/04, G09F 27/00

(11) WO 2004/086811 (13) A1

(21) PCT/EP2004/003271

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 203 05 152.1 **28 Mar/mar 2003** DE
(28.03.2003)

(30) 20 2004 003 240.6 **27 Feb/fév 2004** DE
(27.02.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LOUDSPEAKER BODY
• CORPS DE HAUT-PARLEUR

(71) OTTO RICHTER PROJECT II GMBH
[DE/DE]; St. Benedictstrasse 30, 20149
Hamburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RICHTER, Oliver [DE/DE]; St. Bene-
dictstrasse 30, 20149 Hamburg (DE).

(74) GERBAULET, Hannes et al. / etc.; Neuer
Wall 10, 20354 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

(51)⁷ H04R 1/30

(11) WO 2004/086812 (13) A1

(21) PCT/JP2004/004232

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-082899 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SPEAKER SYSTEM SOUND WAVE
GUIDE STRUCTURE AND HORN
SPEAKER
• STRUCTURE DE GUIDE D'ONDE SO-
NORE DANS UN SYSTEME DE HAUT-
PARLEUR ET HAUT-PARLEUR

(71) TOA CORPORATION [JP/JP]; 2-1,
Minatojimanakamachi 7-chome, Chuo-ku
Kobe-shi, Hyogo, 6500046 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUBOTA, Hiroshi

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent
Office 3rd Fl., Bo-eki Bldg. 123-1, Higashi-
machi, Chuo-ku, Kobe-shi, Hyogo, 6500031
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086813 (13) A1

(21) PCT/IB2004/000871

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 0307183.4 **28 Mar/mar 2003** GB
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • VOLUME CONTROL METHOD AND
SYSTEM
• PROCEDE ET SYSTEME DE RE-
GLAGE DU VOLUME

(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) WOOD, Karl, J. [GB/GB]; c/o Philips
Intellectual Property & Standards, Cross Oak
Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips In-
tellectual Property & Standards, Cross Oak
Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT 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 3/02, H04M 1/58, 3/56

(11) WO 2004/086814 (13) A1

(21) PCT/JP2004/003495

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-083529 **25 Mar/mar 2003** JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ECHO PREVENTION CIRCUIT
• CIRCUIT ANTI-ECHO

(71) NAP ENTERPRISE CO., LTD. [JP/JP];
922-1, Oaza Shimofu, Shingu-cho, Ka-
suya-gun, Fukuoka 8110112 (JP). SCHOOL
JURIDICAL PERSON OF FUKUOKA
KOGYO DAIGAKU [JP/JP]; 3-30-1,
Wajirohigashi, Higashi-ku, Fukuoka-shi,
Fukuoka 8110214 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TANIGUCHI, Yasutoshi [JP/JP];
c/o SCHOOL JURIDICAL PERSON OF
FUKUOKA KOGYO DAIGAKU, 3-30-1,
Wajirohigashi, Higashi-ku, Fukuoka-shi,
Fukuoka 8110214 (JP).

(74) IGARASHI, Kazutoshi et al. / etc.; Swan
INTERNATIONAL PATENT & TRADE-
MARK OFFICE, K.S Bldg., 5, Kojimachi
4-chome, Chiyoda-ku, Tokyo 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/04

(11) WO 2004/086815 (13) A1

(21) PCT/AT2004/000103

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) A475/2003 25 Mar/mar 2003 AT
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MINIATURISED ELECTROACOUSTIC
TRANSDUCER

• TRANSDUCTEUR ELECTRO-ACOUS-
TIQUE MINIATURISE

(71) AKG ACOUSTICS GMBH [AT/AT]; Lem-
böckgasse 21-25, A-1230 Wien (AT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEHDORFER, Hannes [AT/AT];
Hirschstettnerstrasse 26/2, A-1220 Wien
(AT).

(74) WERNER, Barger et al. / etc.; Mahler-
strasse 9, A-1015 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/086816 (13) A1

(21) PCT/DK2003/000211

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND TALK FOR PROVID-
ING A TALK-OVER FUNCTION IN A
HEARING AID

• SYSTEME ET PROCEDE POUR ASSU-
RER UNE FONCTION D'INTERPHONE
DANS UNE PROTHESE AUDITIVE

(71) WIDEX A/S [DK/DK]; Ny Vestergaardsvej
25, DK-3500 Varlose (DK).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WESTERGAARD, Anders [DK/DK];
Højbjergvej 213, DK 2730 Herlev (DK).
LUND, Jakob Palitzsch [DK/DK]; Banevej
2, Oerby, DK 3210 Vejby (DK).

(74) RINDORF, Hans, Jorgen; Widex A/S, Ny
Vestergaardsvej 25, DK-3500 Varlose (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 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 H04S

(11) WO 2004/086817 (13) A2

(21) PCT/IB2004/050288

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 03100752.9 24 Mar/mar 2003 EP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • CODING OF MAIN AND SIDE SIGNAL
REPRESENTING A MULTICHANNEL
SIGNAL

• CODAGE DE SIGNAL PRINCIPAL ET
DE SIGNAL LATERAL REPRESEN-
TANT UN SIGNAL MULTIVOIE

(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) DEN BRINKER, Albertus, C.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). GERRITS, Andreas,
J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). SLUIJTER, Robert,
J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H04S 1/00

(11) WO 2004/086818 (13) A1

(21) PCT/FR2004/050120

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 03/50057 20 Mar/mar 2003 FR
(20.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD FOR TREATING AN ELEC-
TRIC SOUND SIGNAL

• PROCEDE POUR TRAITER UN SI-
GNAL ELECTRIQUE DE SON

(71) ARKAMYS [FR/FR]; 5, rue Frédéric Bas-
tiau, F-75008 Paris (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VIELLEDENT, Georges, Claude
[FR/FR]; F-95690 Hedouville (FR). MON-
CEAUX, Jérôme [FR/FR]; 2, cours d'Assée,
F-72000 Le Mans (FR). RACZINSKI,
Jean-Michel [FR/FR]; 80, chaussée de
l'Etang, F-94160 Saint Mandé (FR). COR-
NELOUP, Michel [FR/FR]; 23, chemin
Neuf, F-95000 Cergy (FR). LECOEUR,
Yann [FR/FR]; 16, rue de la Marquise,
F-91130 Ris-Orangis (FR).

(74) SCHMIT, Christian, Norbert, Marie; 8,
place du Ponceau, F-95000 Cergy (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 3/16

(11) WO 2004/086819 (13) A2

(21) PCT/US2004/008276

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/392,879 21 Mar/mar 2003 US
(21.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MICA BOARD ELECTRICAL RESISTANCE WIRE HEATER, SUBASSEMBLIES COMPONENTS, AND METHODS OF ASSEMBLY

• CHAUFFAGE A CABLE DE RESISTANCE ELECTRIQUE DE MICANITE, ELEMENTS DE SOUS ENSEMBLE ET PROCÉDES D'ASSEMBLAGE

(71) TUTCO, INC. [US/US]; 500 Gould Drive, Gookeville, TN 38506 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOWARD, H., Keith [US/US]; 500 Gould Drive, Cookeville, TN 38506 (US).

KIRBY, Robert [US/US]; 139 Clifford Howard Road, Sparta, TN 38583 (US).

(74) BRODY, Christopher, W.; Clark & Brody, Suite 600, 1750 K Street, N.W., Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H05B 3/22, 3/34

(11) WO 2004/086820 (13) A1

(21) PCT/NL2004/000198

(22) 23 Mar/mar 2004 (23.03.2004)

(25) nl (26) en

(30) 1023011 25 Mar/mar 2003 NL (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • HEATING ASSEMBLY WITH TRACK-LIKE ELECTRICAL RESISTOR

• ENSEMBLE CHAUFFANT A RESISTANCE ELECTRIQUE DE TYPE RAMPE

(71) FERRO TECHNIEK HOLDING B.V. [NL/NL]; Bremstraat 1, NL-7011 AT Gaanderen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAASTRA, Simon [NL/NL]; Koenderweg 2, NL-7091 HV Dinxperlo (NL).

(74) VAN DEN HEUVEL, Henricus, Theodorus. et al. / etc.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/02, 33/14

(11) WO 2004/086821 (13) A1

(21) PCT/JP2004/003724

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-083375 25 Mar/mar 2003 JP (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • LIGHT-EMITTING DEVICE AND ORGANIC ELECTROLUMINESCENCE LIGHT-EMITTING DEVICE

• DISPOSITIF ELECTROLUMINESCENT ET DISPOSITIF D'ELECTROLUMINESCENCE ORGANIQUE

(71) PRESIDENT OF KYOTO UNIVERSITY [JP/JP]; 36-1, Yoshidahonmachi, Sakyo-ku, Kyoto-shi, Kyoto, 6068501 (JP). NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008116 (JP). PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 1538654 (JP). HITACHI LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, 1018010 (JP). MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo, 1080014 (JP). ROHM CO. LTD. [JP/JP]; 21, Saiin Mizosaki-Cho, Ukyo-ku, Kyoto, 6158585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NODA, Susumu [JP/JP]; C/O KYOTO UNIVERSITY, Katsura Campus, Nishikyo-ku, Kyoto-shi, Kyoto, 6158510 (JP). ASANO, Takashi [JP/JP]; C/O KYOTO UNIVERSITY, Katsura Campus, Nishikyo-ku, Kyoto-shi, Kyoto, 6158510 (JP). FUJITA, Masayuki [JP/JP]; C/O KYOTO UNIVERSITY, Katsura Campus, Nishikyo-ku, Kyoto-shi, Kyoto, 6158510 (JP). OHATA, Hiroshi [JP/JP]; C/O Pioneer Corporation, 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 1538654 (JP).

(74) OKADA, Kenji et al. / etc.; ILL, Kusumoto Dairoku Bldg., 8th Fl., 3-9, Higashi-shimbashi 1-chome, Minato-ku, Tokyo, 1050021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/086822 (13) A1

(21) PCT/DE2004/000446

(22) 6 Mar/mar 2004 (06.03.2004)

(25) de (26) de

(30) 103 13 246.5 25 Mar/mar 2003 DE (25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • MOTOR-VEHICLE ILLUMINATION MODULE

• MODULE D'ECLAIRAGE DE VEHICULE AUTOMOBILE

(71) SITRONIC GES. FÜR ELEKTROTECHNISCHE AUSRÜSTUNG MBH & CO. KG [DE/DE]; Robert-Bosch-Strasse 9, 71116 Gärtringen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STAUSS, Gerold [DE/DE]; Schillerstrasse 50, 71083 Herrenberg (DE).

(74) KOHLER SCHMID MÖBUS PATENTANWÄLTE; Ruppmanstrasse 27, 70565 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 33/14

(11) WO 2004/086823 (13) A1

(21) PCT/IB2004/000801

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 03100779.2 26 Mar/mar 2003 EP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROLUMINESCENT DEVICE
WITH IMPROVED LIGHT DECOU-
PLING

• DISPOSITIF ELECTROLUMINES-
CENT A DECOUPLAGE AMELIORE
DE LA LUMIERE EMISE

(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,
5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf DE US)

(72, 75) BECHTEL, Hans-Helmut [DE/DE];
c/o Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen
(DE). BERTRAM, Dietrich [DE/DE]; c/o
Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE).
KLEIN, Markus, Heinrich [DE/DE]; c/o
Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE).
WEILER, Volker, Ulrich [DE/DE]; c/o
Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-
erty & Standards GmbH, Weissshausstr. 2,
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 37/02

(11) WO 2004/086824 (13) A1

(21) PCT/JP2004/004234

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 2003-085577 26 Mar/mar 2003 JP
(26.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SIMULATION METHOD, PROGRAM,
AND SYSTEM FOR CREATING A
VIRTUAL THREE-DIMENSIONAL IL-
LUMINATED SCENE

• PROCEDE, PROGRAMME ET SYS-
TEME DE SIMULATION SERVANT
A CREER UNE SCENE VIRTUELLE
TRIDIMENSIONNELLE ECLAIREE

(71) MATSUSHITA ELECTRIC WORKS
LTD. [JP/JP]; 1048, Oaza-Kadoma,
Kadoma-shi, Osaka, 5718686 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHIBANO, Nobuyuki [JP/JP]; c/o
Matsushita Electric Works, Ltd. 1048,
Oaza-Kadoma, Kadoma-shi, Osaka, 5718686
(JP).

(74) NISHIKAWA, Yoshikiyo et al. / etc.; c/o
Hokuto Patent Attorneys Office Umeda-Dai-
ichiseimei Bldg. 5th Floor, 12-17, Umeda
1-chome, Kita-ku, Osaka-shi, Osaka,
5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(22) 26 Mar/mar 2004 (26.03.2004)

(25) zh (26) zh

(30) 03114074.2 27 Mar/mar 2003 CN
(27.03.2003)

(30) 03224830.X 31 Mar/mar 2003 CN
(31.03.2003)

(30) 03225030.4 7 Apr/avr 2003 CN
(07.04.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • A WIRELESS LINKED AND NU-
MERICALLY CONTROLLED COLOR
LIGHTS SYSTEM AND CONTROL
METHOD

• SYSTEME ET PROCEDE DE COM-
MANDE DE LUMIERES EN COULEUR
A LIAISON SANS FIL ET A COM-
MANDE NUMERIQUE

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& TRADEMARK AGENT LTD.; Rm.
807-808, Science & Tech. Bldg., No.1001
Shangbu Rd. Central, Shenzhen, Guangdong
518031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05F 1/00

(11) WO 2004/086826 (13) A2

(21) PCT/US2004/007089

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/391,989 19 Mar/mar 2003 US
(19.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ESD DISSIPATIVE STRUCTURAL
COMPONENTS

• ELEMENTS DE STRUCTURE DISSI-
PATIVE A DECHARGE ELECTROSTA-
TIQUE

(71) SAINT-GOBAIN CERAMICS & PLAS-
TICS INC. [US/US]; 1 New Bond Street,
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0138 (US).

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(72, 75) KWON, Oh-Hun [KR/US]; 4 Jacob
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Maynard Farm Road, Sudbury, MA 01776
(US).

(74) BUJOLD, Michael, J.; Davis & Bujold,
P.L.L.C., 500 North Commercial Street,
Fourth Floor, Manchester, NH 03101-1151
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K

(11) WO 2004/086827 (13) A2

(21) PCT/US2004/007890

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/455,771 19 Mar/mar 2003 US
(19.03.2003)

(30) 10/616,106 9 Jul/juil 2003 US
(09.07.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • THERMAL APPARATUS FOR ENGAGING ELECTRONIC DEVICE
- APPAREIL THERMIQUE CONCU POUR ENGAGER UN DISPOSITIF ELECTRONIQUE
- (71) KRYOTECH, INC. [US/US]; 2547 Morningside Drive, West Columbia, SC 29169 (US).
- (74) KILLEN, Craig, N. et al. / etc.; Nelson Mullins Riley & Scarborough, P.O. Box 11070, Columbia, SC 29211 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H05K 1/02, H01R 24/00
- (11) WO 2004/086828 (13) A1
- (21) PCT/US2004/008180
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 60/456,236 21 Mar/mar 2003 US (21.03.2003)
- (30) 10/800,696 16 Mar/mar 2004 US (16.03.2004)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • NEAR-END CROSSTALK COMPENSATION AT MULTI-STAGES
- COMPENSATION DE PARADIAPHONIE A DES ETAGES MULTIPLES
- (71) COMMSCOPE SOLUTIONS PROPERTIES, LLC [US/US]; 1285 Southern Way, Sparks, NV 89431 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADRIAENSSENS, Luc [US/US]; 5122 Lago Vista Lane, Frisco, TX 75034 (US). HASHIM, Amid [US/US]; 3900 Sundew Court, Plano, TX 75093 (US). LONG, Troy [US/US]; 1624 North 171 Avenue, Omaha, NE 68118 (US).
- (74) LOWE, Scott, L.; BIRCH, STEWART, KOLASCH & BIRCH, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/086830 (13) A1
- (21) PCT/KR2004/000588
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 20-2003-0008839 25 Mar/mar 2003 KR (25.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • CLEANER APPARATUS FOR SCREEN PRINTER
- APPAREIL DE NETTOYAGE DESTINE A UNE IMPRIMANTE DE RECOPIE D'ECRAN
- (71, 72) KO, Hyung Rae [KR/KR]; 402-103 Kyungnam Apartment, 274-5, Sangog-dong, Bupyeng-gu, Incheon 404-103 (KR).
- (74) HWANG, Sun Woong; HYUN International Patent & Law office, 6th Floor, Cambridge Building 1451, Kwanyang-dong, Dongan-gu, Anyang-city, Kyungki-do 431-060 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 3/36
- (11) WO 2004/086831 (13) A2
- (21) PCT/EP2004/002263
- (22) 5 Mar/mar 2004 (05.03.2004)
- (25) de (26) de
- (30) 103 13 622.3 26 Mar/mar 2003 DE (26.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • METHOD AND DEVICE FOR ELECTRICALLY AND MECHANICALLY CONNECTING TWO PRINTED BOARDS
- PROCEDE ET DISPOSITIF DE CONNEXION ELECTRIQUE ET MECHANIQUE DE DEUX CARTES A CIRCUITS IMPRIMES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRÜGER, Mario [DE/DE]; Martha-Brantzsch-Strasse 15 B, 06420 Könnern (DE). PAUL, Reinhold [DE/DE]; In den alten Wiesen 28, 68219 Mannheim (DE). WACKER, Franz [DE/DE]; Lerchenbergstr. 20, 76684 Östringen (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 3/46, B32B 31/00
- (11) WO 2004/086832 (13) A1
- (21) PCT/EP2004/002072
- (22) 2 Mar/mar 2004 (02.03.2004)

- (25) en (26) en
- (30) P 200300717 27 Mar/mar 2003 ES
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PROCESS FOR MANUFACTURING PRINTED CIRCUIT BOARDS AND A MACHINE FOR THIS PURPOSE
- PROCEDE DE FABRICATION DE CARTES DE CIRCUITS IMPRIMES ET MACHINE SERVANT A CETTE FABRICATION
- (71) CHEMPLATE MATERIALS, S.L. [ES/ES]; s.n., Calle Urgell, Poligon Industrial URVASA, E-08130 Santa Perpetua de Mogoda (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAZARO GALLEG0, Victor [ES/ES]; s.n., Calle Urgell, Poligon Industrial URVASA, E-08130 Santa Perpetua de Mogoda (ES). CUBEIRO GONZALEZ, Jose, Antonio; s.n., Calle Urgell, Poligon Industrial Urvasa, E-08130 Santa Perpetua de Mogoda (ES).
- (74) SUGRAÑES - VERDONCES - FERREGÜELA; 304, Calle Provenza, E-08008 Barcelona (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H05K 3/46, 3/38, B32B 15/08
- (11) WO 2004/086833 (13) A1
- (21) PCT/JP2004/004298
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-087332 27 Mar/mar 2003 JP
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • PRINTED WIRING BOARD, ITS MANUFACTURING METHOD, AND CURING RESIN MOLDED ARTICLE WITH SUPPORT
- CARTE DE CIRCUITS IMPRIMES, PROCEDE DE FABRICATION ASSOCIE ET ARTICLE MOULE EN RESINE RETICULABLE AVEC SUPPORT
- (71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAKISAKA, Yasuhiro [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008323 (JP). ONISHI, Kazuyuki [JP/JP]; c/o Zeon Corporation,

- 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008323 (JP).
- (74) OHISHI, Haruhito; Sanshin-Hirose Bldg. 5F, 6-1, Uchikanda 3-chome, Chiyoda-ku, Tokyo 1010047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H05K 7/02
- (11) WO 2004/086834 (13) A1
- (21) PCT/EP2004/001175
- (22) 9 Feb/fév 2004 (09.02.2004)
- (25) de (26) de
- (30) 03007172.4 28 Mar/mar 2003 EP
(28.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • SEMICONDUCTOR RELAY
- RELAIS A SEMI-CONDUCTEURS
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) APFELBACHER, Walter [DE/DE]; Wiesenstr. 35, 92271 Freihung (DE). LEHMEIER, Annemarie [DE/DE]; Winkl 6, 92289 Ursensollen (DE). SEITZ, Johann [DE/DE]; Im Drillingsfeld 14, 92224 Amberg (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H05K 7/20, G06F 1/20
- (11) WO 2004/086835 (13) A1
- (21) PCT/EP2004/000439
- (22) 21 Jan/jan 2004 (21.01.2004)
- (25) de (26) de
- (30) 103 14 167.7 28 Mar/mar 2003 DE
(28.03.2003)

- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • VENTILATION DEVICE
- DISPOSITIF DE VENTILATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEUSCHNER, Klaus [DE/DE]; Baldhamer Str. 52, 85591 Vaterstetten (DE).
- (74) BERG, Peter; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H05K 7/20
- (11) WO 2004/086836 (13) A1
- (21) PCT/FI2004/000175
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) fi (26) en
- (30) 20030458 27 Mar/mar 2003 FI
(27.03.2003)
- (43) 7 Oct/oct 2004 (07.10.2004)
- (54) • ASSEMBLY FOR INSTALLATION OF POWER ELECTRONICS MODULES AND INSTALLATION METHOD
- ENSEMBLE POUR L'INSTALLATION DE MODULES D'ELECTRONIQUE DE PUISSANCE, ET PROCEDE CORRESPONDANT
- (71) ABB OY [FI/FI]; Strömbergintie 1, FI-00380 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEVÄKIVI, Pertti [FI/FI]; Lehdokintie 24, FI-01830 Lepsämä (FI).
- (74) SEPPO LAINE OY; Itämerenkatu 3 B, FI-00180 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 9/00, H01F 1/00

(11) WO 2004/086837 (13) A1

(21) PCT/JP2004/003951

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-83335 25 Mar/mar 2003 JP
(25.03.2003)(30) 2003-173428 18 Jun/juin 2003 JP
(18.06.2003)(30) 2003-192361 4 Jul/juil 2003 JP
(04.07.2003)(30) 2003-293927 15 Aug/août 2003 JP
(15.08.2003)(30) 2003-338422 29 Sep/sep 2003 JP
(29.09.2003)(30) 2003-343627 1 Oct/oct 2003 JP
(01.10.2003)(30) 2003-343631 1 Oct/oct 2003 JP
(01.10.2003)(30) 2004-018466 27 Jan/jan 2004 JP
(27.01.2004)(30) 2004-018465 27 Jan/jan 2004 JP
(27.01.2004)(30) 2004-59115 3 Mar/mar 2004 JP
(03.03.2004)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • ELECTROMAGNETIC NOISE SUPPRESSOR, ARTICLE WITH ELECTROMAGNETIC NOISE SUPPRESSION FUNCTION, AND THEIR MANUFACTURING METHODS

• SUPPRESSEUR DE BRUIT ELECTROMAGNETIQUE, ARTICLE COMPORTANT UNE FONCTION DE SUPPRESSION DE BRUIT ELECTROMAGNETIQUE ET PROCÉDES DE FABRICATION DE CEUX-CI

(71) SHIN-ETSU POLYMER CO., LTD. [JP/JP]; 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAGUCHI, Toshiyuki [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). FUJIKI, Hironao [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). TANIGUCHI, Atsushi [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). GONDA, Takashi [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). TAHARA, Kazutoki [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 13/02

(11) WO 2004/086838 (13) A1

(21) PCT/IB2004/050325

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,794 28 Mar/mar 2003 US
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • SYSTEM AND METHOD OF SECURING FEEDER MECHANISMS

• SYSTEME ET PROCÉDE POUR ASSUJETTIR DES CHARGEURS

(71) ASSEMBLEON N.V. [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SWAB, Michael, T. [US/US]; c/o De Run 1110, NL-5503 LA Veldhoven (NL).

(74) BOS, Kornelis, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H05K 13/02

(11) WO 2004/086839 (13) A1

(21) PCT/JP2004/003807

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-083382 25 Mar/mar 2003 JP
(25.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • DEVICE FOR READING INFORMATION ON PART SUPPLY DEVICE

• DISPOSITIF DE LECTURE D'INFORMATIONS SUR UN DISPOSITIF D'ACHEMINEMENT DE COMPOSANTS

(71) FUJI MACHINE MFG. CO. LTD. [JP/JP]; 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi, 4728686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KODAMA, Seigo [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi, 4728686 (JP). JINDO, Takahiro [JP/JP]; c/o Fuji Machine Mfg. Co., Ltd., 19, Chausuyama, Yama-machi, Chiryu-shi, Aichi, 4728686 (JP).

(74) KANDO, Norikazu et al. / etc.; Kando Patent Office, Nagoya-Bldg. 5th Floor, 6-18, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 13/04, 13/08

(11) WO 2004/086840 (13) A2

(21) PCT/IB2004/050319

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03100813.9 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

(54) • METHOD OF PLACING AT LEAST ONE COMPONENT ON AT LEAST ONE SUBSTRATE AS WELL AS SUCH A SYSTEM

• PROCÉDE DE POSITIONNEMENT D'AU MOINS UN COMPOSANT SUR AU MOINS UN SUBSTRAT, ET SYSTEME CORRESPONDANT

(71) ASSEMBLEON N.V. [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETIT, Rita, M., A., L. [BE/NL]; c/o De Run 1110, NL-5503 LA Veldhoven (NL). VAN GASTEL, Josephus, M., M. [NL/NL]; c/o De Run 1110, NL-5503 LA Veldhoven (NL). JANS, Johannes, C. [NL/NL]; C/O De Run 1110, NL-5503 LA Veldhoven (NL).

(74) BOS, Kornelis, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H05K 13/04

(11) WO 2004/086841 (13) A1

(21) PCT/JP2004/003793

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-079292 24 Mar/mar 2003 JP
(24.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • MAINTENANCE SUPPORT SYSTEM
FOR PART MOUNTING SYSTEM AND
PART MOUNTING SYSTEM USING
THE SAME
• SYSTEME DE SOUTIEN DE MAINTENANCE
POUR SYSTEME DE MONTAGE DE PIECES ET
SYSTEME DE MONTAGE DE PIECES UTILISANT CE
DERNIER

(71) FUJIMACHINE MFG. CO., LTD. [JP/JP];
19, Chausuyama, Yama-machi, Chiryu-shi,
Aichi 4728686 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IMAI, Mitsuo [JP/JP]; c/o Fuji Ma-
chine Mfg. Co., Ltd., 19, Chausuyama,
Yama-machi, Chiryu-shi, Aichi 4728686
(JP). KUBOTA, Tomokatsu [JP/JP]; c/o Fuji
Machine Mfg. Co., Ltd., 19, Chausuyama,
Yama-machi, Chiryu-shi, Aichi 4728686
(JP).

(74) KANDO, Norikazu et al. / etc.; Kando
Patent Office, Nagoya-Bldg., 5th Floor, 6-18,
Meieki 4-chome, Nakamura-ku, Nagoya-shi,
Aichi 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H05K 13/04

(11) WO 2004/086842 (13) A1

(21) PCT/JP2004/004216

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-083146 25 Mar/mar 2003 JP
(25.03.2003)

(30) 2003-134709 13 May/mai 2003 JP
(13.05.2003)

(30) 2003-370472 30 Oct/oct 2003 JP
(30.10.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • AUTOMATIC ELECTRONIC COMPO-
NENT MOUNTING DEVICE, ELEC-
TRONIC COMPONENT SUPPLY DE-
VICE, ELECTRONIC COMPONENT
SEQUENCER DEVICE, AND ELEC-
TRONIC COMPONENT MOUNTING
METHOD

- DISPOSITIF DE MONTAGE AU-
TOMATIQUE DE COMPOSANTS
ELECTRONIQUES, DISPOSITIF
D'ALIMENTATION EN COMPOSANTS
ELECTRONIQUES, DISPOSITIF SE-
QUENCEUR POUR COMPOSANTS
ELECTRONIQUES ET PROCEDE DE
MONTAGE DE COMPOSANTS ELEC-
TRONIQUES

(71) POPMAN CORPORATION [JP/JP];
382-1, Masudashinden, Kasukabe-shi,
Saitama, 3440025 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHIMADA, Katsumi, [JP/JP]; 8-52-6,
Bingo-higashi Kasukabe-shi, Saitama,
3440032 (JP).

(74) KUMAKURA, Yoshio, et al. / etc.; NAKA-
MURA & PARTNERS, Shin-Tokyo Bldg.,
3-1, Marunouchi 3-Chome, Chiyoda-Ku
Tokyo, 1008355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG 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 NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 03100814.7 28 Mar/mar 2003 EP
(28.03.2003)

(43) 7 Oct/oct 2004 (07.10.2004)

- (54) • METHOD OF DETERMINING AT
LEAST ONE MARKING ELEMENT
ON A SUBSTRATE

- PROCEDE POUR DETERMINER AU
MOINS UN REPERE SUR UN SUB-
STRAT

(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) VULLINGS, Henricus, J., L., M.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). VAN OOSTERHOUT,
Jacobus, J., G., M. [NL/NL]; c/o Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).
HORIJON, Joseph, L. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).