

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(51) Not classified / non classée

(11) WO 2004/103055 (13) A2

(21) PCT/US2004/012232

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/438,497 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PILE FABRIC
• TISSU VELOUTE(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) KELLER, Michael [US/US]; 6 Kilgore Street, Simpsonville, SC 29681 (US).
GOINEAU, Andre, M. [US/US]; 229 Grun-
gate Lane, Spartanburg, SC 29307 (US).
BROWN, Robert, S. [US/US]; 6139 Robin
Street, Spartanburg, SC 29303 (US).(74) BACON, Jeffery, E.; Milliken & Company,
Legal Department (M-495), 920 Milliken
Road, Spartanburg, SC 29303 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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 2004/103056 (13) A2

(21) PCT/US2004/014257

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/469,253 9 May/mai 2003 US
(09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESSOR REDUCTION UNIT FOR
ACCUMULATION OF MULTIPLE
OPERANDS WITH OR WITHOUT SAT-
URATION• UNITE DE REDUCTION DE PROCES-
SEUR PERMETTANT D'ACCUMULER
DE MULTIPLES OPERANDES AVEC
OU SANS SATURATION(71) SANDBRIDGE TECHNOLOGIES, INC.
[US/US]; 1 North Lexington Avenue, 10th
Floor, White Plains, NY 10601 (US).(72) SCHULTE, Michael, J.; 1134 N. Westfield
Road, Madison, WI 53717 (US). BALZOLA,
Pablo, I.; 425D Willow Circle, Allentown,
PA 18102 (US). HOKENEK, Erdem; 3426
Fairview Court, Yorktown Heights, NY
10598 (US). GLOSSNER, John, C.; 26
Benedict Place, Carmel, NY 10512 (US).(74) RYAN, Joseph, B.; Ryan, Mason & Lewis,
LLP, 90 Forest Avenue, Locust Valley, NY
11560 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI 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 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) Not classified / non classée

(11) WO 2004/103057 (13) A2

(21) PCT/US2004/015109

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,924 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS AND METHODS FOR
INDUCING ADIPOSE TISSUE CELL
DEATH• COMPOSITIONS ET PROCEDES PER-
METTANT D'INDUIRE LA MORT CEL-
LULAIRE DE TISSUS ADIPEUX(71) THE UNIVERSITY OF GEORGIA RE-
SEARCH FOUNDATION, INC. [US/US];
Boyd Graduate Studies Research Center,
Athens, GA 30602-7411 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BAILE, Clifton, A. [US/US]; 1730
Crystal Hills Drive, Athens, GA 30606 (US).
DELLA-FERA, Mary, Anne [US/US]; 188
County Road 365, La Veta, CO 81055 (US).(74) INDER, Christopher, B., Ph.,D.; Thomas,
Kayden, Horstemeyers & Risley, LLP, 100
Galleria Parkway, N.W., Suite 1750, Atlanta,
GA 30339-5948 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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) Not classified / non classée

(11) WO 2004/103058 (13) A2

(21) PCT/US2004/015236

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/249,900 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GREASE GUN
• PISTOLET GRAISSEUR(71) ALEMITE LLC [US/US]; 7845 Little Av-
enue, Charlotte, North Carolina 28226 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SHEW, Jerry, D. [US/US]; 9711 Rain-
song Court, Charlotte, NC 28210 (US).(74) JOHNSTON, Michael, G.; Moore & Van
Allen PLLC, 2200 West Main Street, Suite
800, Durham, NC 27705 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A01G

(11) WO 2004/103059 (13) A2

(21) PCT/US2004/015381

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,416 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • UNITIZED MAT TO FACILITATE GROWING PLANTS

- TAPIS UNITISE PERMETTANT DE FACILITER LA CROISSANCE DES PLANTES

(71, 72) KRUER, Thomas, R. [US/US]; 543 Garden View, Edgewood, KY 41017 (US). THOMPSON, Hugh, A. [US/US]; 5777 Windermere Lane, Fairfield, OH 45014 (US).

(74) EGBERT, John, S.; Harrison & Egbert, 412 Main Street, 7th Floor, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A01G 7/04, 9/00

(11) WO 2004/103060 (13) A1

(21) PCT/GB2004/002211

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311953.4 **23 May/mai 2003** GB
(23.05.2003)

(30) 0311954.2 **23 May/mai 2003** GB
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS FOR ALTERING THE LEVEL OF PHYTOCHEMICALS IN PLANT CELLS BY APPLYING WAVE LENGTHS OF LIGHT FROM 400 NM TO 700 NM AND APPARATUS THEREFORE

- PROCÉDES D'ALTERATION DU NIVEAU DE SUBSTANCES PHYTOCHIMIQUES DANS DES CELLULES VÉGÉTALES PAR APPLICATION DE LONGUEURS D'ONDES COMPRIS ENTRE 400 NM ET 700 NM ET APPAREIL DESTINÉ À CET EFFET

(71) PHYTELUM LIMITED [GB/GB]; 4 Child's Terrace, Bawburgh, Norfolk (GB). *for all designated States except / pour tous les États désignés sauf US*

(72, 75) KARPINSKI, Stanislaw [SE/SE]; Mosshage St. 63, S-14451 Ronninge (SE).

(74) DR WALTHER WOLFF & CO; 6 Buckingham Gate, London SW1E 6JP (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 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).

Declaration / Déclaration :

(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 US UZ VC VN YU ZA ZM ZW 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 A01G 9/02, A47G 7/02

(11) WO 2004/103061 (13) A1

(21) PCT/AU2004/000652

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003902454 **20 May/mai 2003** AU
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS FOR GROWING PLANTS
• APPAREIL DE CULTURE DE PLANTES

(71, 72) HOLL, Antoon Cornelis Richard [AU/AU]; 186 Elliot Road, Wanneroo, Perth, Western Australia 6065 (AU).

(74) HOLLIDAY, Neal Joseph; Lord and Company, 4 Douro Place, West Perth, 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 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 A01G 13/10

(11) WO 2004/103062 (13) A1

(21) PCT/ES2004/000233

(22) 24 May/mai 2004 (24.05.2004)

(25) es (26) es

(30) P200301220 **23 May/mai 2003** ES
(23.05.2003)

(30) P200400289 **9 Feb/fév 2004** ES
(09.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR PROTECTING DIFFERENT ARTICLES AGAINST BIRDS, INSECTS AND DUST

- DISPOSITIF DE PROTECTION D'ARTICLES DIVERS CONTRE LES OISEAUX, LES INSECTES ET LA POUSSIÈRE

(71, 72) FOIX ROBERT, Manuel [ES/ES]; Pascual Ingla n. 41, E-25700 La Seu D'Urgell (ES). GÓMEZ GÁMEZ, Maria Victoria [ES/ES]; Pascual Ingla n. 41, E-25700 La Seu D'Urgell (ES).

(74) MANRESA VAL, Manuel et al. / etc.; Manuel De Rafael Y Cia, SL, Rambla de Catalunya 32, 2º-2ª, E-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 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 A01G 23/095, 23/091

(11) WO 2004/103063 (13) A1

(21) PCT/AU2004/000305

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/473,012 **22 May/mai 2003** US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AERIAL SAW
• SCIE AÉRIENNE

(71, 72) CRUMBLIN, Mark, Geoffrey [AU/AU]; 137 Cowlshaw Street, Redhead, New South Wales 2290 (AU). LIPPITTS, John, William [AU/AU]; 11 McCrae Street, Queanbeyan, New South Wales 2620 (AU).

(74) FISHER ADAMS KELLY; Level 13, AMP Place, 10 Eagle 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).

(51)⁷ A01G 25/02

(11) WO 2004/103064 (13) A1

(21) PCT/YU2003/000013

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DEVICE FOR CAPILLARY-UNDERGROUND MICRO DRIP PLANT IRRIGATION

• DISPOSITIF D'IRRIGATION VEGETALE SOUTERRAIN CAPILLAIRE A MICROGOUTTES

(71, 72) IVANOVIC, Ljubodrag [YU/YU]; Bulevar Vojvode Misica 29, 11000 Beograd - YU (YU). IVANOVIC, Ljubina [YU/YU]; Bulevar Vojvode Misica 29, 11000 Beograd - YU (YU).

(74) IVANOVIC, Ljubodrag; Bulevar Vojvode Misica 29, 11000 Beograd - YU (YU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A01H 1/02

(11) WO 2004/103065 (13) A1

(21) PCT/JP2004/000297

(22) 16 Jan/jan 2004 (16.01.2004)

(25) ja (26) ja

(30) 2003-144406 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF CROSSING FLOWER COLOR GENOTYPES

• METHODE DE CROISEMENT DE GENOTYPES DE COULEURS DE FLEURS

(71, 72) HASHIMOTO, Fumio [JP/JP]; 31-1-2-6, Toso 3-chome, Kagoshima-shi, Kagoshima 890-0081 (JP). SAKATA, Yusuke [JP/JP]; 5-12-902, Chuou-cho, Kagoshima-shi, Kagoshima 890-0053 (JP).

(74) ISONO, Michizo; c/o Isono International Patent Office Sabo Kaikan Annex, 7-4, Hirakawa-cho 2-chome, 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).

(51)⁷ A01K

(11) WO 2004/103066 (13) A2

(21) PCT/US2004/014244

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/441,231 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WINDOW AQUARIUM VESSEL

• BAC POUR AQUARIUM COMPORTANT UNE FENETRE

(71, 72) MICLEA, Jeffrey Lee [US/US]; 906 Pierce Avenue, Toronto, OH 43964 (US).

(74) DORTENZO, Megan, D. et al. / etc.; Steptoe & Johnson PLLC, P.O. Box 2190, Clarksburg, WV 26302-2190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A01K

(11) WO 2004/103067 (13) A2

(21) PCT/US2004/014556

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 60/468,904 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A TRANSGENIC ANIMAL MODEL FOR CANCER AND STEM CELLS

• MODELE D'ANIMAL TRANSGENIQUE POUR DES CELLULES SOUCHES OU TRANSGENIQUES

(71) HEALTH RESEARCH INC. [US/US]; Elm and Carlton Streets, Buffalo, NY 14263 (US). *for all designated States except / pour tous les États désignés sauf US*

(72, 75) PRUITT, Steven, C. [US/US]; 29 Thistle, Williamsville, NY 14221 (US). MASLOV, Alexander, Y. [—/US]; 371 Campus Drive, Snyder, New York 14226 (US). BARONE, Tara, A. [US/US]; Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY 14263 (US). PLUNKETT, Robert, J. [US/US]; Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY 14263 (US).

(74) LOPINSKI, John, D. et al. / etc.; Hodgson Russ LLP, One M & T Plaza, Suite 2000, Buffalo, NY 14203-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A01K

(11) WO 2004/103068 (13) A2

(21) PCT/US2004/015514

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/470,892 16 May/mai 2003 US (16.05.2003)

(30) 60/539,333 28 Jan/jan 2004 US (28.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BIRD FEEDER AND KIT

• DISPOSITIF D'ALIMENTATION D'OISEAUX ET TROUSSE ASSOCIEE

(71, 72) SMOTHERS, Keith, S. [US/US]; 9049 Laguna Place Way, Elk Grove, CA 95758 (US).

(74) MASSIE, Jerome; Nixon Peabody LLP, 401 9th Street, N.W., 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 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 A01K 23/00, 31/04, 1/01

(11) WO 2004/103069 (13) A1

(21) PCT/JP2004/006839

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-180309 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC CLEANING AND PACKAGING DEVICE FOR PET EXCREMENT AND COLLECTING MATERIAL FOR PET EXCREMENT

• DISPOSITIF DE NETTOYAGE ET DE CONDITIONNEMENT AUTOMATIQUE D'EXCREMENTS D'ANIMAUX

DOMESTIQUES ET MATERIEL DE
RAMASSAGE D'EXCREMENTS
D'ANIMAUX DOMESTIQUES

(71) **HAMADA, Hiroyasu** [JP/JP]; Room No.406 Esuthimaruturuhashi No.1 1-1-34 Turuhashi Ikuno-ku Osaka-shi Osaka, 5440031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A01N

(11) **WO 2004/103070** (13) A2

(21) PCT/US2004/014746

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/470,061 **12 May/mai 2003 US (12.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NEMATICIDAL COMPOSITIONS AND METHODS

• COMPOSITIONS NEMATOCIDES ET PROCEDES Y RELATIFS

(71) **DIVERGENCE, INC.** [US/US]; Nidus Center, 893 N. Warson Road, St. Louis, MO 63141 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HRESKO, Michelle, Coutu** [US/US]; 1349 Stillhouse Creek Road, Chesterfield, MO 63017 (US). **WILLIAMS, Deryck, J.** [GY/US]; 6242 Southwood Avenue, Apt. 2S, St. Louis, MO 63105 (US). **MCLAIRD, Merry, B.** [US/US]; 1205 North Clay Avenue, Kirkwood, MO 63122 (US). **BRADLEY, John, D.** [US/US]; 11426 Dayton Drive, St. Louis, MO 63146 (US). **SHORTT, Barry, J.** [US/US]; 78 St. Charles Street, New Melle, MO 63365 (US). **WORTHINGTON, Ronald, E.** [US/US]; 224 Gray Avenue, St. Louis, MO 63119 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A01N 25/10, 31/08, A61L 2/18, 2/32, C09D 5/14

(11) **WO 2004/103071** (13) A1

(21) PCT/AU2004/000650

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 2003902552 **21 May/mai 2003 AU (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BIOFILM GROWTH PREVENTION

• PREVENTION DE LA CROISSANCE D'UN FILM BIOLOGIQUE

(71) **NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD** [AU/AU]; 3-11 Primrose Avenue, Rosebery, NSW 2018 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRITZLER, Steven** [AU/AU]; 9 Redgum Avenue, Cronulla, NSW 2230 (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 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).

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 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 A01N 25/32, 47/36, 43/76, 43/08 // (A01N 47/36, 25/32) (A01N 43/76, 25/32) (A01N 43/08, 25/32)

(11) **WO 2004/103072** (13) A1

(21) PCT/EP2004/005019

(22) **11 May/mai 2004 (11.05.2004)**

(25) en (26) en

(30) 2003-146004 **23 May/mai 2003 JP (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NEW SAFENERS AND THEIR APPLICATION

• NOUVEAUX PHYTOPROTECTEURS ET LEUR UTILISATION

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

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

(72, 75) **GOTO, Toshio** [JP/JP]; 214-18, Koganei, Kokubunji-machi, Shimotsuga-gun, Tochigi 329-0414 (JP). **SHIRAKURA, Shinichi** [JP/JP]; 2-6-3, Ekihigashidori, Oyama-shi, Tochigi 323-0022 (JP). **ICIHARA, Teruyuki** [JP/JP]; 1-15-14, Ekimimami-cho, Oyama-shi, Tochigi 323-0822 (JP). **ASSMANN, Lutz** [DE/DE]; Postgartenstr. 10, 40764 Langenfeld (DE). **PONTZEN, Rolf** [DE/DE]; Am Kloster 69, 42799 Leichlingen (DE).

(74) **BAYER CROPSCIENCE AKTIENGESELLSCHAFT**; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A01N 25/34

(11) **WO 2004/103073** (13) A1

(21) PCT/US2004/013300

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/439,816 **16 May/mai 2003 US (16.05.2003)**

(30) 10/439,889 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EMU OIL BASED METHODS AND COMPOSITIONS

• PROCEDES ET COMPOSITIONS A BASE D'HUILE D'EMEU

(71) **PEARSON RESEARCH AND DEVELOPMENT LIMITED** [US/US]; P.O. Box 1939, Pilot Point, TX 76258 (US).

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(72) **PEARSON, Maurine**; P.O. Box 1939, Pilot Point, TX 76258 (US). **BARR, Theresa**; P.O. Box 1500, Port Townsend, WA 98638 (US).

(74) **BORSARI, Peter, A.**; Borsari & Associates, 3 South Fieldway, Rehoboth Beach, DE 19971 (US).

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

Published / Publiée : (c)

- (51)⁷ A01N 43/78, 43/08, 37/50, 37/44, 37/42, 37/38, 37/36, 37/06, 57/20, C07C 255/41, 229/34, 59/347, 59/305, 59/84, 57/44

- (11) WO 2004/103074 (13) A1

- (21) PCT/EP2004/005490

- (22) 8 May/mai 2004 (08.05.2004)

- (25) en (26) en

- (30) MI2003A001020 21 May/mai 2003 IT (21.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COPPER SALTS OF ORGANIC ACIDS AND USE THEREOF AS FUNGICIDES
• SELS DE CUIVRE D'ACIDES ORGANIQUES ET LEUR UTILISATION EN TANT QUE FONGICIDE

- (71) ISAGRO S.P.A. [IT/IT]; Via Felice Casati, 20, I-20124 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) GUSMEROLI, Marilena [IT/IT]; Via Don Valentini, 20, I-20052 Monza (IT). MORMILE, Silvia, Maria [IT/IT]; Via Ballario, 7, I-28100 Novara (IT). GIRONDA, Ramona [IT/IT]; Via Muratori, 56, I-28060 Lumellogno (IT). MIRENNA, Luigi [IT/IT]; Via Gamboloita, 4, I-20139 Milan (IT). OSTI, Samuele [IT/IT]; Via Europa, 15, I-20040 Usmate Velate (IT).

- (74) DE GREGORI, Antonella et al. / etc.; Ing. Barzanò & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 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 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).

Published / Publiée : (c)

- (51)⁷ A01N 43/90 // (A01N 43/90, 37:50)

- (11) WO 2004/103075 (13) A1

- (21) PCT/EP2004/005250

- (22) 15 May/mai 2004 (15.05.2004)

- (25) de (26) de

- (30) 103 23 708.9 22 May/mai 2003 DE (22.05.2003)

- (30) 103 32 430.5 16 Jul/juil 2003 DE (16.07.2003)

- (30) 10 2004 016 084.8 30 Mar/mar 2004 DE (30.03.2004)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FUNGICIDAL MIXTURES
• MELANGES FONGICIDES

- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) TORMO I BLASCO, Jordi [ES/DE]; Carl-Benz-Strasse 10-3, 69514 Laudendach (DE). GROTE, Thomas [DE/DE]; Im Höhenhausen 18, 67157 Wachenheim (DE). SCHERER, Maria [DE/DE]; Hermann-Jürgens-Strasse 30, 76829 Godramstein (DE). STIERL, Reinhard [DE/DE]; Jahnstrasse 8, 67251 Freinsheim (DE). STRATHMANN, Siegfried [DE/DE]; Donnersbergstrasse 9, 67117 Limburgerhof (DE). SCHÖFL, Ulrich [DE/DE]; Erlenstrasse 8, 68782 Brühl (DE). HADEN, Egon [DE/DE]; Römerstrasse 1, 67259 Kleinniedesheim (DE). HAMPEL, Manfred [DE/DE]; Im Biengarten 15, 67435 Neustadt (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 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 A01N 57/20

- (11) WO 2004/103076 (13) A1

- (21) PCT/US2003/027526

- (22) 2 Sep/sep 2003 (02.09.2003)

- (25) en (26) en

- (30) 60/407,378 31 Aug/août 2002 US (31.08.2002)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SODIUM GLYPHOSATE COMPOSITIONS AND PROCESS FOR THEIR PREPARATION
• COMPOSITIONS DE GLYPHOSATE DE SODIUM ET LEUR PROCÉDE DE PREPARATION

- (71) MONSANTO TECHNOLOGY LLC [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MASSMANN, Brent, D. [US/US]; 309 Oak Top Court, Ballwin, MO 63129 (US). WANG, John, T. [US/US]; 1019 Fordor Crossing Drive, St. Louis, MO 63129 (US). CAMPBELL, Dwane, H. [US/US]; 436 Eatherton Valley Road, Wildwood, MO 63005 (US).

- (74) KEIL, Vincent, M. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan

Square, 16th Floor, St. Louis, MO 63102 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 A21B 5/02, A47J 37/06

- (11) WO 2004/103077 (13) A1

- (21) PCT/EP2004/050172

- (22) 19 Feb/fév 2004 (19.02.2004)

- (25) de (26) de

- (30) GM 354/2003 21 May/mai 2003 AT (21.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WAFFLE SHEET
• GAUFRE

- (71, 72) HAAS, Franz [AT/AT]; Seilergasse 4/11, A-1010 Wien (AT).

- (74) MÜLLNER, Erwin et al. / etc.; Postfach 159, Weihburggasse 9, A-1014 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).

- (51)⁷ A21D 02/00, 13/00, A23L 1/22

- (11) WO 2004/103078 (13) A1

- (21) PCT/EP2004/004888

- (22) 5 May/mai 2004 (05.05.2004)

- (25) en (26) en

- (30) 03076610.9 26 May/mai 2003 EP (26.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PACKAGED BREAD SNACK
• COLLATION PREEMBALLEE A BASE DE PAIN

- (71) UNILEVER N.V. [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 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) BAS, Firdevs [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). DACHTLER, Markus [DE/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). DE KOK, Petrus, M., T. [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). MELLEMA, Michel [NL/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) KAN, Jacob, H.; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-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 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 A22C 13/00, C08J 5/18

(11) WO 2004/103079 (13) A1

(21) PCT/EP2004/002767

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 23 417.9 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SMOKEABLE PLANAR OR TUBULAR-SHAPED FOOD COVERING OR FILM FOR FOOD PACKAGINGS, AND METHOD FOR THE PRODUCTION THEREOF

• ENVELOPPE OU FEUILLE ALIMENTAIRE DE FORME PLATE OU TUBULAIRE POUVANT ETRE FUMEE, DESTINEE A DES EMBALLAGES DE PRODUITS ALIMENTAIRES, ET PROCEDE DE PRODUCTION ASSOCIE

(71) KUHNE ANLAGENBAU GMBH [DE/DE]; Einsteinstrasse 20, 53757 St. Augustin/Menden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHIFFMANN, Jürgen [DE/DE]; Dambroicher Strasse 81, 53773 Hennef-Rott (DE).

(74) KUHNEN & WACKER; Patent- und Rechtsanwaltsbüro, Prinz-Ludwig-Str. 40A, 85354 Freising (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 A22C 17/04

(11) WO 2004/103080 (13) A1

(21) PCT/AU2004/000686

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 2003902562 22 May/mai 2003 AU (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOIN BONING APPARATUS

• DISPOSITIF DE DESOSSAGE DE LONGE

(71) MEAT & LIVESTOCK AUSTRALIA LIMITED [AU/AU]; Level 1, 165 Walker Street, North Sydney, NSW 2060 (AU).

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

(72, 75) ROBERTS, Colin [NZ/NZ]; C/- Macpro Engineering, 7 Devon Road, Hamilton (NZ).

(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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ A23B

(11) WO 2004/103081 (13) A2

(21) PCT/US2003/037322

(22) 20 Nov/nov 2003 (20.11.2003)

(25) en (26) en

(30) 10/434,010 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHELF-LIFE EXTENSION SYSTEM AND METHOD OF CENTRALLY PREPARED RETAIL-READY MEAT CUTS UTILIZING FA ZERO-OXYGEN PACKAGING SYSTEM

• SYSTEME ET PROCEDE DE PROLONGEMENT DE DUREE DE CONSERVATION DE COUPES DE VIANDE PRETE A LA VENTE AU DETAIL PREPAREES DE MANIERE CENTRALISEE FAISANT APPEL A UN SYSTEME D'EMBALLAGE DEPOURVU D'OXYGENE

(71, 72) TEWARI, Gaurav [CA/US]; 1401 Patricia Dr., Apt. 1801, San Antonio, TX 78213 (US).

(81) AE AT AU BG BR CA CN CO CR CU CZ DE DK DZ ES FI GB GD GE GH HU ID IL IN JP KE KP KR LK LR LU MA MD MG MK MN MX MZ NI NO NZ OM PH PL PT RO SD SE SG SK SY TR TT TZ UA UG US UZ VN ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23C 9/123, 9/13

(11) WO 2004/103082 (13) A1

(21) PCT/FR2004/001129

(22) 7 May/mai 2004 (07.05.2004)

(25) fr (26) fr

(30) 03/05956 19 May/mai 2003 FR (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND INOCULUM FOR ACIDIFYING LACTIC FERMENTATION

• PROCEDE ET INOCULUM POUR FERMENTATION LACTIQUE ACIDIFIANTE

(71) COMPAGNIE GERVAIS DANONE [FR/FR]; 126-130, rue Jules Guesde, F-92300 Levallois Perret (FR).

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

(72, 75) **MARCHAL, Laurent** [FR/FR]; 8, place de la Cholletière, F-91360 Villemoisson sur Orge (FR).

(74) **PARIS, Fabienne** 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 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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Declaration / Déclaration :

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(51)⁷ **A23C 9/127, A61K 35/74, A23L 1/03, A61P 1/00**

(11) **WO 2004/103083** (13) A1

(21) PCT/SE2004/000796

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 0301516-1 **22 May/mai 2003 SE (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PROBIOTIC COMPOSITION COMPRISING AT LEAST TWO LACTIC ACID BACTERIAL STRAINS WHICH ARE ABLE TO COLONISE THE GASTROINTESTINAL TRACTS IN COMBINATION WITH HAVING INTESTINAL SURVIVAL PROPERTY, INTESTINAL BINDING PROPERTY, AN INFECTION PROTECTION PROPERTY AND A FIBER FERMENTING PROPERTY

• COMPOSITION PROBIOTIQUE COMPRENANT AU MOINS DEUX SOUCHES BACTERIENNES D'ACIDE LACTIQUE CAPABLES DE COLONISER LES TRACTUS GASTRO-INTESTINAUX ET DE POSSEDER EN MEME TEMPS UNE PROPRIETE DE SURVIE INTESTINALE, UNE PROPRIETE DE LIAISON INTESTINALE, UNE PROPRIETE DE PROTECTION CONTRE LES INFECTIONS ET UNE PROPRIETE DE FERMENTATION

(71) **SYNBIOTICS AB** [SE/SE]; Box 5003, S-105 46 Stockholm (SE).

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

(72, 75) **LJUNGH-WADSTRÖM, Asa** [SE/SE]; Rectorsvägen 7, S-224 67 Lund (SE). **WADSTRÖM, Torkel** [SE/SE]; Rectorsvägen 7, S-224 67 Lund (SE). **BENGMARK, Stig** [SE/SE]; Kustvägen 13, S-263 32 Höganäs (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 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 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 **A23F 3/34**

(11) **WO 2004/103084** (13) A1

(21) PCT/CN2003/000739

(22) **3 Sep/sep 2003 (03.09.2003)**

(25) zh (26) zh

(30) 03112252.3 **20 May/mai 2003 CN (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BAG-SOAKING TEA FOR TREATMENT OF HYPERTENSION AND ITS PREPARATION METHODS

• THE POUR SAC D'INFUSION DESTINE AU TRAITEMENT DE L'HYPERTENSION ET SES PROCÉDES DE PREPARATION

(71, 72) **LING, Peixue** [CN/CN]; No. 264 Shandalu, Jinan, Shandong 250014 (CN).

(71, 72) **ZHANG, Ling** [CN/CN]; No. 264 Shandalu, Jinan, Shandong 250014 (CN).

(only for / seulement pour US)

(72, 75) **SHANG, Lixia** [CN/CN]; No. 264 Shandalu, Jinan, Shandong 250014 (CN).

(74) **CHINA TRADEMARK & PATENT LAW OFFICE CO., LTD.**; 14, Yuetan Nanjie, Xichengqu, Yuxin Bld., Beijing 100045 (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 NI NO NZ OM PG PH PL PT RO RU SC 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 **A23G**

(11) **WO 2004/103085** (13) A2

(21) PCT/US2004/014747

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/469,650 **12 May/mai 2003 US (12.05.2003)**

(30) 10/843,006 **11 May/mai 2004 US (11.05.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR MANUFACTURING AERATED CONFECTIONS

• SYSTEME ET PROCEDE DE FABRICATION DE CONFISERIES AEREES

(71) **KELLOGG COMPANY** [US/US]; One Kellogg Square, P.O. Box 3599, Battle Creek, MI 49016-3599 (US).

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(72, 75) **ROY, Pradip, K.** [US/US]; 3445 Brookpoint, Grand Rapids, MI 49546 (US). **DE BRUIJN, Mark** [NL/NL]; Javalaan 29, FIN-2103 VD Heemstede (NL).

(74) **SHOEMAKER, Randall, L.**; Howard & Howard Attorneys, P.C., 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 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 **A23J**

(11) **WO 2004/103086** (13) A2

(21) PCT/US2004/014735

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/469,712 **12 May/mai 2003 US (12.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS FOR IMPROVING THE NUTRITIONAL QUALITY OF RESIDUES OF THE FUEL, BEVERAGE ALCOHOL, FOOD AND FEED INDUSTRIES

• PROCÉDES POUR AMELIORER LA QUALITE NUTRITIONNELLE DE RESIDUS DE L'INDUSTRIE DES PRODUITS ENERGETIQUES, DES BOISSONS ALCOOLISEES, DE L'ALIMENTATION HUMAINE ET ANIMALE

(71) **ALLTECH, INC.** [US/US]; 3101 Catnip Hill Pike, Nicholasville, KY 40356 (US).

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

(72, 75) **POWER, Ronan, F.** [IE/US]; 752 Andover Village Drive, Lexington, KY 40509 (US).

(74) **SCHICKLI, Warren, D.** et al. / etc.; King and Schickli, PLLC, 247 North Broadway, Lexington, KY 40507 (US).

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

- KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A23L
- (11) WO 2004/103087 (13) A2
- (21) PCT/US2004/014763
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 60/469,638 12 May/mai 2003 US
(12.05.2003)
- (30) 10/842,542 11 May/mai 2004 US
(11.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • AN EDIBLE MIX AND METHOD OF
MAKING THE SAME
• MELANGE COMESTIBLE ET PRO-
CEDE DE FABRICATION CORRES-
PONDANT
- (71) GRAND BRANDS LLC [US/US]; 9101-B
Yellow Brick Road, Baltimore, Maryland
21237 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SCHLEIDER, M., David [US/US]; The
Penthouse Condominiums, 28 Alleghany Av-
enue, Apt. 1700, Towson, Maryland 21202
(US).
- (74) FORD, Timothy, D.; COOLEY GOD-
WARD, LLP, One Freedom Square, Reston
Town Centre, 11951 Freedom Drive, Reston,
Virginia 20190-5601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A23L
- (11) WO 2004/103088 (13) A2
- (21) PCT/US2004/014813
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/470,558 14 May/mai 2003 US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A WHIPPABLE FOOD PRODUCT HAV-
ING IMPROVED STABILITY

- PRODUIT ALIMENTAIRE FOUET-
TABLE A STABILITE AMELIOREE
- (71) RICH PRODUCTS CORPORATION
[US/US]; 1150 Niagara Street, Buffalo, NY
14213 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) PERKS, Cheryl [US/CA]; 575 Cen-
tralia Avenue N., Ridgeway, Ontario L0S
1N0 (CA). PIATKO, Michael [US/US]; 136
Northwood Avenue, West Seneca, NY 14224
(US). AURAND, Thomas [US/US]; 165,
Curley Drive, Orchard Park, NY 14127 (US).
- (74) KADLE, Ranjana et al. / etc.; Hodgson
Russ LLP, One M & T Plaza, Suite 2000, Buf-
falo, 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 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 A23L
- (11) WO 2004/103089 (13) A2
- (21) PCT/US2004/015124
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/470,277 14 May/mai 2003 US
(14.05.2003)
- (30) 60/503,055 15 Sep/sep 2003 US
(15.09.2003)
- (30) 10/839,330 4 May/mai 2004 US
(04.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROTEIN ENHANCED LOW CARBO-
HYDRATE SNACK FOOD
• EN-CAS PAUVRES EN GLUCIDES ET
ENRICHIS EN PROTEINES
- (71) RCD HOLDINGS, INC. [US/US]; 300
River Place, Detroit, MI 48207 (US).
- (72) SCHMIDT, James, C.; 859 Pemberton,
Grosse Pointe Park, MI 48230 (US).
- (74) NICHOLS, Steven, L.; Rader, Fishman &
Grauer PLLC, Suite 150, River Park Corpo-
rate Center One, 10653 S. River Front Pkwy.
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

- MC NL PL PT 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 2004/103090 (13) A2
- (21) PCT/US2004/015125
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/470,277 14 May/mai 2003 US
(14.05.2003)
- (30) 10/666,608 18 Sep/sep 2003 US
(18.09.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROTEIN ENHANCED LOW CARBO-
HYDRATE SNACK FOOD
• COLLATION PAUVRE EN GLUCIDES
ENRICHIE EN PROTEINES
- (71) RCD HOLDINGS, INC. [US/US]; 300
River Place, Detroit, MI 48207 (US).
- (72) SCHMIDT, James, C.; 859 Pemberton,
Grosse Pointe Park, MI 48230 (US).
- (74) NICHOLS, Steven, L.; Rader, Fishman &
Grauer PLLC, Suite 150, River Park Corpo-
rate Center One, 10653 S. River Front Pkwy.,
South Jordan, UT 84095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A23L 1/05, 1/0532, 1/054, 1/0522
- (11) WO 2004/103091 (13) A1
- (21) PCT/EP2004/004391
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 0311817.1 22 May/mai 2003 GB
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PARTICLES FOR THICKENING FOOD
COMPOSITIONS
• PARTICULES D'ÉPAISSISSEMENT DE
COMPOSITIONS ALIMENTAIRES
- (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) **APPELQVIST, Ingrid, Anne, Marie** [GB/NL]; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, 3133 AT Vlaardingen (NL). **AMICI, Eleonora** [IT/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). **CLARK, Allan, Hugh** [GB/GB]; 34 Paddock Close, Clapham, Bedford, Bedfordshire MK41 6BD (GB).

(74) **FINNIE, Nicholas, James et al.** / etc.; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford 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).

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(51)⁷ **A23L 1/10**

(11) **WO 2004/103092** (13) A1

(21) PCT/JP2003/006442

(22) **23 May/mai 2003 (23.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCENTED RICE

• RIZ PARFUME

(71) **TAIYO KAGAKU CO., LTD.** [JP/JP]; 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP).

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(72, 75) **AOYAMA, Nobuhiko** [JP/JP]; c/o Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP). **JUNEJA, Lekh Raj** [IN/JP]; c/o Taiyo Kagaku Co., Ltd., 9-5, Akahorishinmachi, Yokkaichi-shi, Mie 510-0825 (JP).

(74) **HOSODA, Yoshinori**; c/o Hosoda International Patent Office, OMM Building 5th Floor, P.O.Box 26, 7-31, Otemae 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6591 (JP).

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

(51) **A23L 1/22, 1/221, B01D 15/00, 11/00**

(11) **WO 2004/103093** (13) A1

(21) PCT/EP2004/005436

(22) **19 May/mai 2004 (19.05.2004)**

(25) de (26) de

(30) 103 22 564.1 **20 May/mai 2003 DE (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE SELECTIVE ISOLATION OF VALUABLE PRODUCTS

• PROCEDE DE SEPARATION SELECTIVE DE MATIERES

(71) **DEGUSSA AG** [DE/DE]; Dr.-Albert-Frank-Strasse 32, 83308 Trostberg (DE).

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

(72, 75) **WIESMÜLLER, Johann** [DE/DE]; Bajuwarenstrasse 18, 84518 Garching (DE). **ZOBEL, Rudolf** [DE/DE]; An den Weiden 4, 97348 Willanzheim (DE). **PILZ, Stephan** [DE/DE]; Friedrichsaustrasse 10, 89073 Ulm (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 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 **A23L 1/29, A61K 35/78, A23L 1/30**

(11) **WO 2004/103094** (13) A1

(21) PCT/FR2004/001203

(22) **14 May/mai 2004 (14.05.2004)**

(25) fr (26) fr

(30) 03/05924 **16 May/mai 2003 FR (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF A SOLUBLE LUCERNE EXTRACT IN ORDER TO SLOW WEIGHT GAIN IN MAMMALS

• UTILISATION D'UN EXTRAIT SOLUBLE DE LUZERNE POUR LIMITER LA PRISE DE POIDS CHEZ LES MAMMIFERES

(71) **DESIALIS Complexe Agricole du Mont Bernard** [FR/FR]; F-51000 Chalons-En-Champagne (FR).

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(72, 75) **COULMIER, Didier** [FR/FR]; 12, rue du Port de Marne, F-51000 Chalons-En-Champagne (FR).

(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 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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(u) for / pour US only / seulement

(51)⁷ **A23L 1/317, 1/318, A22C 13/00**

(11) **WO 2004/103095** (13) A1

(21) PCT/EP2004/005480

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) TO2003A000379 **22 May/mai 2003 IT (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD FOR THE MATURING AND TRANSFORMATION OF MEAT PRODUCTS

• PROCEDE DE MATURATION ET DE TRANSFORMATION DE PRODUITS CARNES

(71, 72) **MANZON, Enzo** [IT/IT]; Corso Duca degli Abruzzi 31, I-10129 Torino (IT). **MERLO, Mara** [IT/IT]; Corso Inghilterra 47, I-10138 Torino (IT).

(74) **COMOGLIO, Elena 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 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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(21) PCT/SK2004/000004

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) PUV 110-03 21 May/mai 2003 SK
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR IONIZATION OF FLUIDS, ESPECIALLY OF WATER, ALCOHOLIC AND NON-ALCOHOLIC DRINKS

• DISPOSITIF DESTINE A IONISER DES LIQUIDES, ET NOTAMMENT DE L'EAU ET DES BOISSONS ALCOOLISEES ET NON ALCOOLISEES

(71, 72) SILEKTIS, Vladimir [SK/SK]; Na Kopci 24, 811 05 Bratislava (SK).

(74) HOLOUBKOVA, Maria; Holoubkova Patent and Trademark Agency, Dostojevskeho rad 1, 811 09 Bratislava (SK).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/04

(11) WO 2004/103097 (13) A2

(21) PCT/NL2004/000364

(22) 24 May/mai 2004 (24.05.2004)

(25) nl (26) en

(30) 1023522 23 May/mai 2003 NL
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MINERAL CONCENTRATE

• CONCENTRE MINERAL

(71) SARA LEE/DE N.V. [NL/NL]; Keulsekade 143, NL-3532 AA Utrecht (NL).
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(72, 75) BIESHEUVEL, Arend, Cornelis, Jacobus [NL/NL]; Raadhuislaan 7, NL-4251 VS Werkendam (NL). ZUURHOUT, Joannes, Wilhelmus [NL/NL]; Ferdinand Bolhage 42, NL-3437 NH Nieuwegein (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 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 A23N

(11) WO 2004/103098 (13) A2

(21) PCT/US2004/015178

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,433 16 May/mai 2003 US
(16.05.2003)(30) 10/845,948 14 May/mai 2004 US
(14.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR TREATING PLANT PRODUCTS USING ELECTROMAGNETIC FIELDS

• METHODES ET APPAREIL POUR TRAITER DES PRODUIS VEGETAUX AU MOYEN DE CHAMPS ELECTROMAGNETIQUES

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 S. Wright Street, Urbana, IL 61801 (US).
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YOU, Tiefeng [US/US]; 2301 Campbell Avenue, Champaign, IL 61281 (US).

(74) GREENLEE, Lorraine, L. et al. / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A24D

(11) WO 2004/103099 (13) A2

(21) PCT/US2004/014670

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/442,357 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SMOKING ARTICLE AND SMOKING ARTICLE FILTER

• ARTICLE POUR FUMEUR ET FILTRE DESTINE A L'ARTICLE POUR FUMEUR

(71) LORILLARD LICENSING COMPANY, LLC [US/US]; 300 N. Green Street, Greensboro, NC 27401 (US).

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(72, 75) ZAWADZKI, Michael, A. [CA/US]; 5203 Bennington Dr., Greensboro, NC 27410 (US). RUDD, Brent, A. [US/US]; 2540 Gunstock Dr., Kernersville, NC 27284 (US). BARRETT, Kenneth, D. [US/US]; 8311 Knight Village Circle, Stokesdale, NC 27357 (US). JESSUP, Terry, D. [US/US]; 114 Royal Road, Jamestown, NC 27282 (US). DEATON, William, R. [US/US]; 4811 Alliance Church Road, Pleasant Garden, NC 27313 (US).

(74) MARCUS, Harry, C.; Morgan & Finnegan, L.L.P., Three World Financial Center, New York, NY 10281-2101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A41B

(11) WO 2004/103100 (13) A2

(21) PCT/US2004/014820

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/440,592 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COLLAR STAY PUNCH, STORAGE DEVICE AND METHOD

• PROCEDE ET DISPOSITIF DE PERFORATION ET DE RANGEMENT DE BALEINES DE COLS DE CHEMISES

(71) BG & SONS, LLC [US/US]; 111 W. Washington Street, Suite 1900, Chicago, IL 60602 (US).

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

(72, 75) BIER, Jason, J. [US/US]; 111 W. Washington Street, Suite 1900, Chicago, IL 60602 (US). GUTSTEIN, Joshua, A. [US/US]; 111 W. Washington Street, Suite 1900, Chicago, IL 60602 (US).

(74) BARTHEL, Ted, J.; P.O. Box 1135, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ 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 A41D 1/04, F41H 1/02, A45F 3/04

(11) WO 2004/103101 (13) A1

(21) PCT/RU2004/000191

(22) 19 May/mai 2004 (19.05.2004)

(25) ru (26) ru

(30) 2003115352 23 May/mai 2003 RU
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIPURPOSE VEST
• GILET POLYVALENT

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BERSHADSKAYA, Tatyana Nikolayevna
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(74) GRUNINA, Alla Yefimovna; G-165, a/ya
15, Moscow, 121165 (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 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 A41D 15/04, A45C 9/00, A45F 4/00

(11) WO 2004/103102 (13) A1

(21) PCT/AU2004/000694

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902496 22 May/mai 2003 AU
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GARMENT
• VETEMENT

(71) OUTDOOR CLOTHING CONCEPTS
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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 A41H 3/00, G06T 17/00

(11) WO 2004/103103 (13) A1

(21) PCT/ES2003/000227

(22) 20 May/mai 2003 (20.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR THE MECHANICAL
AND ELECTRICAL CONNECTION OF
PRINTED CIRCUITS
• SYSTEME DE CONNEXION MECA-
NIQUE ET ELECTRIQUE DE CIR-
CUITS IMPRIMES

(71) UNIVERSIDAD DE LAS PALMAS DE
GRAN CANARIA [ES/ES]; Juan de Quesada,
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CANARIA (ES).

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les États désignés sauf US)

(72, 75) VEGA MARTINEZ, Aurelio [ES/ES];
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DE GRAN CANARIA (ES).

(74) COBAS HORCAJO, Susana; Cobas
y Gomez, S.L., C/Doctor Fleming, 31,
4^ª Izqda., 28036 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE 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 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/440,954 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BRIM LIGHT
• LUMIERE DE BORD DE CASQUE

(71) ANGEL LIGHTING LLC [US/US]; 410
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les États désignés sauf US)

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(74) BASILE, Andrew, R.; Young & Basile, P.C.,
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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 A43B 3/24, 19/00, 13/26, 17/00

(11) WO 2004/103105 (13) A1

(21) PCT/US2004/014933

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,418 16 May/mai 2003 US
(16.05.2003)

(30) 10/844,302 12 May/mai 2004 US
(12.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODULAR SHOE
• CHAUSSURE MODULAIRE

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les États désignés sauf US)

(72, 75) PAWLUS, Christopher, J. [US/US];
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(74) GOSZ, William, G. 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 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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(21) PCT/KR2003/001255

(22) 26 Jun/juin 2003 (26.06.2003)

(25) ko (26) en

(30) 10-2003-0032052 20 May/mai 2003 KR (20.05.2003)

(30) 10-2003-0040943 24 Jun/juin 2003 KR (24.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AIR BAG FOR SHOES AND ITS MANUFACTURING METHOD

• COUSSIN D'AIR POUR CHAUSSURE ET PROCEDE DE FABRICATION

(71, 72) KWON, Bum-joon [KR/KR]; Mokdong Apartment 509-1204, Mok-dong 912, Yangchon-gu, Seoul 158-755 (KR).

(74) CHO, Chul-hyun; Chunil B/D 5F. 826-26, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

(51)⁷ A43D 3/14

(11) WO 2004/103107 (13) A1

(21) PCT/IT2002/000669

(22) 17 Oct/oct 2002 (17.10.2002)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLASTIC INSERT FOR MAINTAINING THE SHAPE OF A VAMP SHOE

• INSERT DE PLASTIQUE POUR CONSERVER A UNE CHAUSSURE A EMPEIGNE SA FORME

(71) CONDOR S.A.R.L. [IT/TN]; 1, Avenue de la République, 8080 Menzel Temime Nabeul, Tunisie Montopoli Valdarno (TN).

(74) BARDINI, Marco, Luigi et al. / etc.; Società Italiana Brevetti S.p.A., Corso dei Tintori, 25, I-50122 Firenze (IT).

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

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

(51)⁷ A44B 17/00

(11) WO 2004/103108 (13) A1

(21) PCT/EP2004/004497

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 22 861.6 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PIECE OF JEWELRY FOR THE HUMAN BODY OR THE CLOTHES THEREOF

• BIJOU A PORTER SUR LE CORPS OU SUR UN VETEMENT

(71) ANDREA PRYM-BRUCK, PRYM DESIGN [DE/DE]; Zweifaller Strasse 130, 52224 Stolberg (DE).

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(72, 75) PRYM-BRUCK, Andrea [AT/DE]; Neuenhammer, 52224 Stolberg (DE).

(74) MENTZEL, Norbert et al. / etc.; Kleiner Werth 34, 42275 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 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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(22) 19 May/mai 2004 (19.05.2004)

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(30) 203 07 796.2 19 May/mai 2003 DE (19.05.2003)

(30) 203 07 797.0 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ZIPPER

• FERMETURE A GLISSIERE

(71) PORSCHE LIZENZ- UND HANDELSGESELLSCHAFT MBH & CO. KG [DE/DE]; Porschestr. 1, 74321 Bietigheim-Bissingen (DE).

(74) TEGEL, Letizia; Clemensstrasse 32, 80803 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 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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Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ A44B 19/26

(11) WO 2004/103110 (13) A1

(21) PCT/US2004/014809

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/441,783 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRAL ZIPPER SLIDE AND GUARD

• CURSEUR ET BUTEE DE FERMETURE A GLISSIERE MONOBLOC

(71) THE COLEMAN COMPANY, INC. [US/US]; 3600 N. Hydraulic, Wichita, KS 67129 (US).

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

(72, 75) METZGER, Andrew, T. [US/US]; 804 E. 70th Avenue N., Belle Plaine, KS 67013 (US).

(74) WYLIE, Roger, D. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 N. Stetson Av., 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 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 A44C

(11) WO 2004/103111 (13) A2

(21) PCT/US2004/015516

(22) 15 May/mai 2004 (15.05.2004)

(25) en (26) en

(30) 10/441,769 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EAR PIERCING HEALING GROMMET SYSTEM

- SYSTEME A PIECES RAPPORTEES PERMETTANT LA CICATRISATION APRES UN PERCAGE D'OREILLE

(71, 72) DANNON, Steven [US/US]; 5476-C Paseo Del Lago East, Laguna Woods, CA 92653 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A44C 9/00

(11) WO 2004/103112 (13) A2

(21) PCT/FR2004/001267

(22) 21 May/mai 2004 (21.05.2004)

(25) fr (26) fr

(30) 03/06098 21 May/mai 2003 FR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NAIL RING

- BAGUE D'ONGLE

(71, 72) ARDUINI, Hervé [FR/FR]; 105, rue Lafayette, F-75010 Paris (FR).

(74) BREESE, Pierre/MAJEROWICZ, Marc; Breesé-Majerowicz, 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 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 A45B 3/02

(11) WO 2004/103113 (13) A1

(21) PCT/US2004/012935

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/439,650 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ILLUMINATED SOLAR UMBRELLA
• PARASOL ECLAIRE

(71, 72) PETERSON, Richard [US/US]; 78 Sunset Drive, Taunton, MA 02780 (US).

(74) LEMACK, Kevin, S. et al. / etc.; Nields & Lemack, 176 E. Main Street, Suite 7, Westboro, MA 01581 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A45C 5/00, 5/06, 5/14

(11) WO 2004/103114 (13) A1

(21) PCT/EP2003/009270

(22) 21 Aug/août 2003 (21.08.2003)

(25) de (26) de

(30) 203 08 245.1 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUITCASE COMPRISING MOUNTED POCKETS

- VALISE A POCHE APPLIQUEES

(71) RIMOWA KOFFERFABRIK GMBH [DE/DE]; Mathias-Brüggen-Strasse, 50829 Köln (DE).

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

(72, 75) MORSZECK, Dieter [DE/DE]; Schefelstrasse 21, 50935 Köln (DE).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 A45C 15/00, A01K 5/01, 1/02

(11) WO 2004/103115 (13) A1

(21) PCT/EP2004/005511

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 203 07 950.7 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRANSPORT CONTAINER COMPRISING AN INTEGRATED FEEDING BOWL

- CONTENANT DE TRANSPORT POURVU D'UNE GAMELLE

(71) M4 GMBH INNOVATIVE PET PRODUCTS [DE/DE]; Von-Liebig-Strasse 21, 89231 Neu-Ulm (DE).

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

(72, 75) HAMMER, Markus [DE/DE]; Memelstrasse 27, 89231 Neu-Ulm (DE).

(74) HOFFMANN EITL; 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 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 A45D

(11) WO 2004/103116 (13) A2

(21) PCT/US2004/015050

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03252977.8 14 May/mai 2003 EP (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR DISPENSING A BARRIER MATERIAL TO A LOCK OF HAIR

- DISPOSITIF DE DISTRIBUTION D'UNE MATIERE BARRIERE A UNE MECHE DE CHEVEU

(71) **THE PROCTER & GAMBLE COMPANY**. [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72, 75) **HUSBAND, Peter, Antony** [GB/GB]; 1 The Causeway, Kelstridge, Ashover, Chesterfield, Derbyshire, S45 0DU (GB). **BARRAS, Paul, Leslie** [GB/GB]; 11 Brooks Road, Camberley, Surrey, GU15 3AP (GB). **BRENNAN, Paul, Lawrence** [GB/GB]; 121-141, Westbourne Terrace, Middlesex, W2 6JR (GB). **HODGES, Jon, Norman, Robert** [GB/GB]; Flat 8, Dedworth Manor, Thames Mead, Windsor, Berkshire, SL4 5NF (GB). **JAMES, Delyth, Angharad** [GB/GB]; 11 Buttermere Way, Egham, Surrey, TW20 8JT (GB).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 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 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 **A45D 40/26, A46B 9/02**

(11) **WO 2004/103117** (13) A1

(21) PCT/EP2004/005491

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) MI2003U000237 **21 May/mai 2003 IT (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **APPLIER FOR COSMETIC PRODUCTS OR OTHER SUBSTANCES FOR THE EYELASHES**

• **APPLICATEUR POUR PRODUITS COSMETIQUES OU AUTRES SUBSTANCES POUR LES CILS**

(71) **COLLISTAR S.P.A** [IT/IT]; Via G.B. Pirelli 19, I-20124 Milan (IT).

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

(72, 75) **OTTOLENGHI, Daniela** [IT/IT]; Via G.B. Pirelli 19, I-20124 Milan (IT).

(74) **DE GREGORI Antonella et al. / etc.**; ING. BARZANO' & ZANARDO MILANO S.P.A., Via Borgonuovo 10, I-20121 MILAN (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A46B 5/00**

(11) **WO 2004/103118** (13) A1

(21) PCT/JP2004/007004

(22) **17 May/mai 2004 (17.05.2004)**

(25) ja (26) ja

(30) 2003-141810 **20 May/mai 2003 JP (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **INTERDENTAL BRUSH AND METHOD OF PRODUCING THE SAME**
• **BROSSE INTERDENTAIRE ET PROCÉDE DE PRODUCTION CORRESPONDANT**

(71) **KABUSHIKI KAISHA KI INEX-HAUSTIBLE SUPPLY** [JP/JP]; 5-15, Orai-Minami, Rinku, Izumisano City, Osaka, 5980047 (JP).

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

(72, 75) **OKAMURA, Tokuji** [JP/JP]; 1-14-2-703, Uemachi, Chuo-ku, Osaka City, Osaka, 5400005 (JP).

(74) **KAYAMA, Hideyuki**; Shin-Osaka Maru Building Annex, 9th Floor, 18-27, Higashinakajima 1-chome, Higashi-yodogawa-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A47B 88/04**

(11) **WO 2004/103119** (13) A1

(21) PCT/SG2004/000148

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) PI 2003 1897 **22 May/mai 2003 MY (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **A DRAWER STABILIZING ARRANGEMENT FOR DOUBLE WALLED DRAWER**

• **DISPOSITIF DE STABILISATION DE TIROIR DESTINE A UN TIROIR A PAROI DOUBLE**

(71) **LOH, Ean, Leng** [SG/SG]; Apt Block 427, Woodlands Street 41, #11-218, Singapore 730427 (SG).

(72, 75) **LAM, Harn, Lian** [MY/MY]; Plot 32, Lengkok Rishah 1, Kawasan Perindustrian Silibin, 30100 Ipoh, Perak (MY). **LAM, Harn, Yan** [MY/MY]; Plot 32, Lengkok Rishah 1, Kawasan Perindustrian Silibin, 30100 Ipoh, Perak (MY).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **A47B 96/06, A47F 5/08, F16B 2/06**

(11) **WO 2004/103120** (13) A2

(21) PCT/IB2004/001678

(22) **24 May/mai 2004 (24.05.2004)**

(25) it (26) en

(30) MO2003A000152 **23 May/mai 2003 IT (23.05.2003)**

(30) MO2003A000153 **23 May/mai 2003 IT (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **APPARATUSES FOR SUPPORTING OBJECTS**

• **DISPOSITIFS DE SUPPORT D'OBJETS**

(71) **VIBO S.P.A.** [IT/IT]; Via Madonna dei Prati, 21, I-36071 Arzignano (IT).

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

(72, 75) **BONIN, Franco** [IT/IT]; Via Emilio Cecchin, 16/3, I-36072 Chiampo (IT).

(74) **LUPPI, Luigi**; Luppi & Associati S.R.L., Via Borromei, 1/A, I-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 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).

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 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)

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

(u) for / pour US only / seulement

(51)⁷ A47C 1/032

(11) WO 2004/103121 (13) A1

(21) PCT/IT2003/000308

(22) 21 May/mai 2003 (21.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODULAR MECHANISM FOR OFFICE CHAIRS AND THE LIKE

• MECANISME MODULAIRE POUR CHAISES DE BUREAU ET SIMILAIRE

(71) CO.FE.MO. S.P.A. [IT/IT]; Via Cavezzo, 26, I-25045 Castegnato (IT).

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

(72, 75) MORESCHI, Sergio [IT/IT]; Via Vallecarnonica, 10/F, I-25126 Brescia (IT).

(74) GHIONI, Carlo, Raoul; c/o Bugnion S.p.A., Via Dante, 17, I-25122 Brescia (IT).

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

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

(11) WO 2004/103122 (13) A1

(21) PCT/US2004/016220

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/442,512 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE BED SHIELDS

• ELEMENT DE PROTECTION DE LIT REGLABLE

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

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

(72, 75) GLADNEY, Richard, F. [US/US]; 5350 Pace Road, Fairburn, GA 30213 (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 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 A47C 27/14, 27/18, 27/08, A61H 1/00

(11) WO 2004/103123 (13) A1

(21) PCT/EP2004/005413

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 838.7 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MATTRESS OR CUSHION WITH INTEGRATED WATER ELEMENT AND VERTEBRAL COLUMN EXTENSION METHOD

• MATELAS OU COUSSIN A HYDRO-ELEMENT INTEGRE ET PROCEDE POUR ETIRER LA COLONNE VERTEBRALE

(71) KOS WASSERVEREDELUNG [LI/LI]; Binzastrasse 531, FL-9493 Mauren (LI).

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

(72, 75) HÖRBURGER, Reinhard [AT/AT]; Goststrasse 41, A-6844 Altsch (AT).

(74) RIEBLING, Peter; Postfach 31 60, 88113 Lindau/B (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 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 A47F 5/00, A47B 57/58

(11) WO 2004/103124 (13) A1

(21) PCT/SE2004/000791

(22) 21 May/mai 2004 (21.05.2004)

(25) sv (26) en

(30) 0301518-7 23 May/mai 2003 SE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR HOLDING ACCESSORIES ON SHOP AND STORE ROOM SHELVES

• DISPOSITIF PERMETTANT DE MAINTENIR DES ACCESSOIRES SUR DES ETAGERES DE MAGASIN

(71) HL DISPLAY AB [SE/SE]; Horisontvägen 26, S-128 34 Skarpnäck (SE).

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

(72, 75) LANGE, Anders [SE/SE]; Krokvägen 14, S-864 33 Matfors (SE).

(74) AXELSSON, Rolf 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 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 A47G 19/22, A23L 2/00, C12G 3/04

(11) WO 2004/103125 (13) A1

(21) PCT/EP2004/050713

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) VE2003A000019 22 May/mai 2003 IT (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR COLORING BEVERAGES BY MEANS OF LIGHT SOURCES

• PROCEDE POUR COLORER DES BOISSONS AU MOYEN DE SOURCES LUMINEUSES

(71) INNTEK s.r.l. [IT/IT]; Via Calnova 60, San Donà di Piave, I-30027 Venezia (IT).

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

(72, 75) URBAN, IVANO [IT/IT]; Via A. Volta vic. 8 n° 6, Jesolo Lido, I-30017 Venezia (IT).

(74) INNTEK s.r.l.; Via Calnova 60, San Donà di Piave, I-30027 Venezia (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 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).

Published / Publiée : (c)

Declaration / Déclaration :
(r) for all designations / pour toutes les
désignations

(51)⁷ A47G 19/22, 19/03

(11) WO 2004/103126 (13) A1

(21) PCT/KR2003/001960

(22) 26 Sep/sep 2003 (26.09.2003)

(25) ko (26) en

(30) 20-2003-0013610 25 Apr/avr 2003 KR
(25.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PAPER CUP OF ONE TIME EASI-
NESS OPENING

• TASSE DE PAPIER A OUVERTURE FA-
CILE EN UN TEMPS

(71, 72) KIM, Jeong Su [KR/KR]; Songpagu,
Munjeong-dong 4-6, Seoul 138-824 (KR).

(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 A47G 25/60, A61L 9/22

(11) WO 2004/103127 (13) A1

(21) PCT/GB2004/002205

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311662.1 21 May/mai 2003 GB
(21.05.2003)

(30) 0410884.1 14 May/mai 2004 GB
(14.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GARMENT DEODORISER

• DESODORISANT POUR VETEMENT

(71, 72) LYONS, Charles, Stephen [GB/GB]; 26
Wren Crescent, Bushey Heath, Watford, Hert-
fordshire WD2 1AN (GB).

(74) HEDLEY, Nicholas, James, Matthew 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 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 A47J

(11) WO 2004/103128 (13) A2

(21) PCT/IN2003/000195

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN AUTOMATIC COOKING SYSTEM
AND MATERIAL HANDLING SYSTEM
WITH MULTIPLE MOTION CONTROL
MECHANISM.

• SYSTEME DE CUISSON AUTOMA-
TIQUE ET SYSTEME DE MANIPULA-
TION DE MATERIAU A MECANISME
DE COMMANDE DE MOUVEMENTS
MULTIPLES.

(71, 72) GIRISH CHANDRA KUMAR,
Doddabasava [IN/IN]; 276, 16th Cross,
2nd Block, R.T. Nagar, 560 032, Bangalore,
Karnataka (IN).

(74) VAIDYANATHAN, Alamelu; 451, 2nd
Cross, 3rd Block, 3rd Stage, Basavesh-
waranagar, 560 079, Bangalore, Karnataka
(IN).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47J

(11) WO 2004/103129 (13) A2

(21) PCT/US2004/015228

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,926 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COFFEE BREWER

• INFUSEUR A CAFE

(71) AROMA FRESH, LLC [US/US]; 265
North Hamilton Road, Columbus, OH
43213-1311 (US).

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les États désignés sauf US)

(72) BURROWS, Bruce, D.; 25555 West Av-
enue Stanford, Valencia, CA 91355-1101
(US). BUSICK, Louis, M.; 6087 Weathered
Oak Court, Westerville, OH 43082 (US).

(74) LOWRY, Stuart, O. et al. / etc.; Kelly
Bauersfeld Lowry & Kelley, LLP, 6320
Canoga Avenue, Suite 1650, 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 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 A47J

(11) WO 2004/103130 (13) A2

(21) PCT/US2004/016095

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,328 21 May/mai 2003 US
(21.05.2003)

(30) 10/850,290 19 May/mai 2004 US
(19.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROWAVE BEVERAGE AND FOOD
PREPARATION APPARATUS

• DISPOSITIF POUR PREPARATION DE
BOISSONS ET D'ALIMENTS AU FOUR
A MICRO-ONDES

(71) MEDADEX CORPORATION [US/US];
419 Lagunita Drive #43, Stanford, CA 94305
(US).

(72) EDMARK, John, Thomas; 419 Lagunita
Drive #43, Stanford, CA 94305 (US).

(74) GRAHAM, Lawrence; Black Lowe & Gra-
ham PLLC, 701 5th Avenue, Suite 4800, Seat-
tle, 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 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 A47J

(11) WO 2004/103131 (13) A2

(21) PCT/US2004/016209

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,547 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR LOW PRESSURE, LOW
TEMPERATURE COOKING VIA THE
LINTONIZING™ PROCESS

• PROCEDE DE CUISSON A BASSE
TEMPERATURE ET BASSE PRESSION
AU MOYEN DU PROCESSUS DE-
NOMME LINTONIZING<SP>TM</SP>

(71, 72) LINTON, David, B. [US/US]; 6979
Clark State Road, Blacklick, OH 43004-9737
(US).

(74) ELEY, James, R.; P.O. Box 340557, Colum-
bus, OH 43234-0557 (US).

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

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47J 36/06

(11) WO 2004/103132 (13) A1

(21) PCT/KR2004/001087

(22) 11 May/mai 2004 (11.05.2004)

(25) ko (26) en

(30) 20-2003-0015929 22 May/mai 2003 KR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HANDLE OF THE POT-LID FOR PREVENTING THE CONTENTS IN THE POT FROM OVERFLOWING

• POIGNEE DE COUVERCLE DE CASSE-ROLE SERVANT A EMPECHER LE DEBORDEMENT DU CONTENU DE LA CASSE-ROLE

(71, 72) YEO, WoonKwan [KR/KR]; 1807-502 Bandal-maul, 397, Sang-dong, Wonmi-gu, Bucheon-city, Kyeonggido 420-813 (KR).

(74) HA, MoonSoo; 4F., Yajeong Bld., 736-16 Yeoksam-dong, Kangnam-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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A47J 36/26, F24C 3/14

(11) WO 2004/103133 (13) A1

(21) PCT/IL2004/000428

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,784 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PORTABLE ANTI-SPILL SINGLE GAS BURNER CAMP STOVE

• RECHAUD DE CAMPING PORTABLE INVERSABLE A UN SEUL BRULEUR A GAZ

(71) PLASTOKIT (PRODUCTION 1986) LTD [IL/IL]; P. O. Box 1133, 83815 Kiryat Malachi (IL).

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

(71, 72) ARAD, Yoel [IL/IL]; Nave Ziv, 25123 D. N. Oshrat (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 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 A47J 37/12

(11) WO 2004/103134 (13) A1

(21) PCT/US2003/033286

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 10/434,398 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OIL TREATMENT SYSTEM

• SYSTEME DE TRAITEMENT D'HUILE

(71) FMC TECHNOLOGIES, INC. [US/US]; 200 East Randolph Street, Chicago, IL 60601 (US).

(72) HWANG, Yong, Y.; 3927 Hilltop Dr., Huron, OH 44839 (US).

(74) MODERSON, Janine, A. et al. / etc.; Pauley Petersen & Erickson, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

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

(t) for all designations / pour toutes les désignations

(51)⁷ A47K 3/28, 3/22, 3/00, E03C 1/06

(11) WO 2004/103135 (13) A1

(21) PCT/AU2004/000690

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902443 21 May/mai 2003 AU (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHOWER APPARATUS

• APPAREIL DE DOUCHE

(71) TIARA INTERNATIONAL PTY LTD [AU/AU]; 18-20 Steel Street, North Melbourne, Victoria, 3051 (AU).

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

(72, 75) MCCABE, Stephen, Charles [AU/AU]; Flat 5, 59 Alma Road, St Kilda East, Victoria, 3182 (AU).

(74) MORCOM, Norman, Bruce et al. / etc.; Morcom Pernat, Suite 2, 334 Highbury Road, Mount Waverley, Victoria 3149 (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 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 A47K 3/28, 4/00

(11) WO 2004/103136 (13) A1

(21) PCT/MX2003/000043

(22) 20 May/mai 2003 (20.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANUAL PERSONAL HYGIENE DEVICE

• DISPOSITIF MANUEL POUR L'HYGIENE PERSONNELLE

(71, 72) BARBA-VERGARA, Claudia [MX/MX]; Naciones Unidas, N°5759, Casa 67, Comdominio York., Col. Parque Regency, Zapopan, Jalisco, C.P. 45020 (MX).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY BZ CA CH CN (Utility model / modèle d'utilité) CO CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE 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 NO NZ OM PH (Utility model / modèle d'utilité) PL (Utility model / modèle

d'utilité) PT (Utility model / modèle d'utilité)
RO RU SC SD SE SG SK (Utility model /
modèle d'utilité) SL TJ TM TN TR TT TZ
UA (Utility model / modèle d'utilité) UG US
UZ (Utility model / modèle d'utilité) VC VN
(Utility model / modèle d'utilité) YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 7/03, A47L 13/19

(11) WO 2004/103137 (13) A1

(21) PCT/IT2004/000028

(22) 30 Jan/jan 2004 (30.01.2004)

(25) en (26) en

(30) VR2003U000022 21 May/mai 2003 IT
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPOSABLE HUMIDIFIED GLOVE
• GANT HUMIDIFIE JETABLE

(71, 72) DE TOGNI, Giorgio [IT/IT]; Via Bel-
lette, 26, I-37057 San Giovanni Lupatoto (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).

Published / Publiée : (b)

(51)⁷ A47K 10/42, 10/38, B65D 5/42

(11) WO 2004/103138 (13) A1

(21) PCT/US2004/005031

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 10/439,443 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DISPENSER FOR SHEET MATERIAL
• DISTRIBUTEUR POUR MATIERE EN
FEUILLE

(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) MITCHELL, Joseph [US/US]; 5075
Oakmont Bend Drive, Alpharetta, GA 30004
(US). WELCHEL, Debra, N. [US/US]; 1350
Chatley Way, Woodstock, GA 30188 (US).
VELAZQUEZ, Herb, F. [US/US]; 3142
Westfield Ridge, Neenah, WI 54956 (US).
MORTON, Tim, J. [GB/US]; 1842 North
Howe Street, Apt. F1, Chicago, IL 60614

(US). DELMAN, Joel, G. [US/US]; 411
West Fullerton Parkway, Chicago, IL 60614
(US). ANDRES, Melanie, L. [US/US]; 1323
North Oakley Boulevard, Floor 1, Chicago,
IL 60622 (US). FREESE, John, B. [US/US];
822 Hinman Avenue, #3S, Evanston, IL
60202 (US). PIACENZA, Donna, Ann
[US/US]; 5003 North Oakley Avenue, Unit I,
Chicago, IL 60625 (US).

(74) WATSON, Sue, C. 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 PT 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 10/42

(11) WO 2004/103139 (13) A1

(21) PCT/US2004/005107

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 10/439,421 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DISPENSER FOR SHEET MATERIAL
• DISTRIBUTEUR DE FEUILLES

(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) MITCHELL, Joseph [US/US]; 5075
Oakmont Bend Drive, Alpharetta, GA 30004
(US). WELCHEL, Debra, N. [US/US]; 1350
Chatley Way, Woodstock, GA 30188
(US). VALEZQUEZ, Herb, F. [US/US];
3142 Westfield Ridge, Neenah, WI 54956
(US). MORTON, Tim, J. [GB/US]; 5823
North Ravenwood Avenue, #109, Chicago, IL
60660 (US). DELMAN, Joel, G. [US/US];
411 West Fullerton Parkway, Chicago,
IL 60614 (US). ANDRES, Melanie, L.
[US/US]; 1323 North Oakley Boulevard,
Floor 1, Chicago, IL 60622 (US). FREESE,
John, B. [US/US]; 822 Hinman Avenue,
#3S, Evanston, IL 60202 (US). PIACENZA,
Donna, Ann [US/US]; 5003 North Oakley
Avenue, Unit I, Chicago, IL 60625 (US).
MCCUTCHEON, David, J. [US/US]; 837
Judson Avenue #3, Evanston, IL 60202 (US).
PATEL, Amar, A. [US/US]; 3127 N. Volz
Drive West, Arlington Heights, IL 60004
(US). KAPILOFF, David, W. [US/US];
5541 Bourbon Drive, Gainesville, GA 30506
(US).

(74) WATSON, Sue, C. 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 PT 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 10/42

(11) WO 2004/103140 (13) A1

(21) PCT/US2004/005637

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/439,426 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DISPENSER FOR SHEET MATERIAL
• DISTRIBUTEUR POUR MATERIAU EN
FEUILLES

(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) MITCHELL, Joseph [US/US]; 5075
Oakmont Bend Drive, Alpharetta, GA 30004
(US). WELCHEL, Debra, N. [US/US]; 1350
Chatley Way, Woodstock, GA 30188
(US). VELAZQUEZ, Herb, F. [US/US];
3142 Westfield Ridge, Neenah, WI 54956
(US). MORTON, Tim, J. [GB/US]; 5823
North Ravenwood Avenue, #109, Chicago, IL
60660 (US). DELMAN, Joel, G. [US/US];
411 West Fullerton Parkway, Chicago,
IL 60614 (US). ANDRES, Melanie, L.
[US/US]; 1323 North Oakley Boulevard,
Floor 1, Chicago, IL 60622 (US). FREESE,
John, B. [US/US]; 822 Hinman Avenue
#3S, Evanston, IL 60202 (US). PIACENZA,
Donna, Ann [US/US]; 5003 North Oakley
Avenue, Unit I, Chicago, IL 60625 (US).
LONG, Leslie, T. [US/US]; 3310 Rambling
Rose Drive, Appleton, WI 54914 (US). BUL-
LOCK, Richard, H.D. [US/US]; 2925 East
Ridge Place, Neenah, WI 54956 (US).

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

(51)⁷ A47L 1/06

(11) WO 2004/103141 (13) A1

(21) PCT/US2004/015080

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,852 15 May/mai 2003 US
(15.05.2003)(30) 10/842,875 10 May/mai 2004 US
(10.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPRING-BIASED PIVOTING
SQUEEGEE• RACLETTES A VITRE PIVOTANTE
SOLLICITEE PAR UN RESSORT(63) US 10/439,852 (CIP)
15 May/mai 2004 (15.05.2004)(71) ETTORE PRODUCTS CO. [US/US]; P.O.
Box 2164, Oakland, CA 94621 (US).
(for all designated States except / pour tous
les États désignés sauf US)(71, 72) COX, Grant [US/US]; 537 Pistachio
Place, Windsor, CA 95492 (US).(72, 75) TALESFORD, Nicholas [US/US]; 52
Hernandez Avenue, Los Gatos, CA 95030
(US). McARDLE, Joseph [US/US]; 736
Mountain View Avenue #3, Mountain View,
CA 94041 (US).(74) BEVERLY, Brian; Beeson Skinner Beverly,
LLP, Suite 750, One Kaiser Plaza, 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 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 A47L 9/00, 5/36, 9/26

(11) WO 2004/103142 (13) A1

(21) PCT/GB2004/002006

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 0311734.8 22 May/mai 2003 GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A CLEANING APPLIANCE

• APPAREIL DE NETTOYAGE

(71) DYSON TECHNOLOGY LIMITED
[GB/GB]; Tetbury Hill, Malmesbury, Wilt-
shire SN16 0RP (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HARE, Colin, Irwin [GB/GB]; 7 Cal-
lows Cross, Brinkworth Wiltshire SN15 5DY
(GB).(74) SMITH, Gillian, R et al. / etc.; Intellectual
Property Department, Dyson Limited, Tet-
bury Hill, Malmesbury Wiltshire SN16 0RP
(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 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 A47L 9/22

(11) WO 2004/103143 (13) A1

(21) PCT/IB2004/001594

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) UD2003A000108 20 May/mai 2003 IT
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRIVE UNIT FOR AN ELECTRIC
CLEANING APPARATUS• UNITE DE COMMANDE POUR UN
DISPOSITIF DE NETTOYAGE ELEC-
TRIQUE(71) DE' LONGHI SPA [IT/IT]; Via L. Seitz, 47,
I-31100 Treviso (IT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FOLLEGOT, Rodolfo [IT/IT]; Via Ped-
rina, 5, I-33087 Pasiano Di Pordenone (IT).
CESTER, Francesca [IT/IT]; Vicolo Barbe-
ria, 9, I-31100 Treviso (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 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 A47L 9/32

(11) WO 2004/103144 (13) A1

(21) PCT/IB2004/001620

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) UD2003A000107 20 May/mai 2003 IT
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIFUNCTIONAL ELECTRIC
CLEANING APPARATUS• DISPOSITIF DE NETTOYAGE ELEC-
TRIQUE MULTI-FONCTIONS(71) DE' LONGHI SPA [IT/IT]; Via L. Seitz, 47,
I-31100 Treviso (IT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FOLLEGOT, Rodolfo [IT/IT]; Via Ped-
rina, 5, I-33087 Pasiano di Pordenone (IT).
CESTER, Francesca [IT/IT]; Vicolo Barbe-
ria, 9, I-31100 Treviso (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 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 A61B

(11) WO 2004/103145 (13) A2

(21) PCT/SE2004/000781

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0301508-8 23 May/mai 2003 SE
(23.05.2003)(30) 60/472,773 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRE TREATMENT
VERIFICATION IN RADIATION THER-
APY• METHODE DE VERIFICATION DE
PRE-TRAITEMENT EN RADIOTHE-
RAPIE(71, 72) NILSSON, Görgen [SE/SE]; Gryn-
ingsvägen 47, S-743 32 VRETA (SE).(74) DR LUDWIG BRANN PATENTBYRÅ
AB; PO Box 171 92, 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 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 A61B

(11) WO 2004/103146 (13) A2

(21) PCT/US2004/012440

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/437,743 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENDOSCOPE ILLUMINATION SYSTEM

• SYSTEME D'ECLAIRAGE D'ENDOSCOPE

(71) INNER VISION IMAGING, L.L.C. [US/US]; 24164 Haggerty Road, Farmington Hills, MI 48335 (US).

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(72, 75) FARKAS, Richard, A. [US/US]; 4779 Crestview Court, Bloomfield Hills, MI 48301 (US). BOYD, Terrance, R. [US/US]; 641 Lane Drive, Jackson, MI 49201 (US). FISHER, Richard, L. [US/US]; 1220 Morehead Court, Ann Arbor, MI 48103 (US). BOEHNLEIN, Albert, J. [US/US]; 5673 Amber Way, Ypsilanti, MI 48197 (US).

(74) SPRINKLE, Douglas, W. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/103147 (13) A2

(21) PCT/US2004/013856

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 60/467,680 2 May/mai 2003 US
(02.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR A TISSUE PENETRATING DEVICE USER INTERFACE

• PROCEDE ET APPAREIL POUR UNE INTERFACE UTILISATEUR DE DISPOSITIF DE PENETRATION DES TISSUS

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

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

(72, 75) LOERWALD, Deiter [DE/US]; 1072 East Meadow Circle, Palo Alto, CA 94303

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

(74) TUNG, Hao, Y.; Heller Ehrman White & Meauliffe LLC, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103148 (13) A2

(21) PCT/US2004/013871

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/439,499 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SURGICAL INSTRUMENT WITH REMOVABLE SHAFT APPARATUS AND METHOD

• INSTRUMENT CHIRURGICAL AVEC APPAREIL A TIGE AMOVIBLE ET PROCEDE CORRESPONDANT

(71) APPLIED MEDICAL RESOURCES CORPORATION [US/US]; 22872 Avenida Empresa, Rancho Santa Margarita, CA (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GADBERRY, Donald, L. [US/US]; 26000 Avenida Aeropuerto, Space 54, San Juan Capistrano, CA 92675 (US). SAKAKINE, Ghassan [US/US]; 26941 La Alameda, #4313, Mission Viejo, CA 92691 (US).

(74) VU, Kenneth, K.; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103149 (13) A2

(21) PCT/US2004/013922

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/430,984 6 May/mai 2003 US
(06.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GENES ENCODING SINGLE CHAIN HUMAN LEUKOCYTE ANTIGEN E (HLA-E) PROTEINS TO PREVENT NATURAL KILLER CELL-MEDIATED CYTOTOXICITY

• GENES CODANT POUR DES PROTEINES D'ANTIGENES LEUCOCYTAIRES HUMAINS E (HLA-E) MONOCATENAIRES PERMETTANT D'EMPECHER LA CYTOTOXICITE INDUITE PAR DES CELLULES TUEUSES NATURELLES

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS [US/US]; 2404 North University Avenue, Little Rock, Arkansas 72207-3608 (US).

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

(72, 75) CREW, Mark D. [US/US]; 1516 Stonehenge Place, Little Rock, Arkansas 72212 (US).

(74) FENTRESS, Susan B.; Butler, Snow, O'Mara, Stevens & Cannada PLLC, Suite 500, 6075 Poplar Avenue, Memphis, TN 38119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103150 (13) A2

(21) PCT/US2004/014412

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 10/441,155 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR RISK STRATIFICATION OF PATIENTS WITH CHEST PAIN OF SUSPECTED CARDIAC ORIGIN

• APPAREIL ET METHODE DE STRATIFICATION DES RISQUES POUR DES PATIENTS SOUFFRANT DE DOULEURS THORACIQUES SUSPECTES D'ETRE D'ORIGINE CARDIAQUE

(71) ISCHEMIA TECHNOLOGIES, INC. [US/US]; 4600 West 60th Avenue, Arvada, CO 80003 (US).

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

(72, 75) **CROSBY, Peter** [US/US]; 155 Monroe Street, Denver, CO 80206 (US). **MORRIS, Deborah, L.** [US/US]; 4332 Clay Commons Court, Boulder, CO 80303 (US). **SOANE, Mark, M.** [US/US]; 3260 E. Floyd Dr, Denver, CO 80210 (US).

(74) **SWANSON & BRATSCHEUN, L.L.C.** et al. / etc.; 1745 Shea Center Drive, Suite 330, Highlands Ranch, CO 80129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) **WO 2004/103151** (13) A2

(21) PCT/US2004/015014

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,349 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **DATA ENTRY SYSTEM FOR AN ENDOSCOPIC EXAMINATION**
• **SYSTEME D'ENTREE DE DONNEES POUR EXAMEN ENDOSCOPIQUE**

(71, 72) **SHAPIRO, Marc** [US/US]; 53 Shoreham Drive East, Dix Hills, NY 11746 (US). **ODLIVAK, Andrew** [US/US]; 7 Katherine Court, Oakdale, NY 11769 (US). **PEARSON, Philip** [US/US]; 82 Fairview Place #7, Sea Cliff, NY 11579 (US). **AGARWAL, Deepak** [IN/US]; 1412 Blueberry Lane, Hicksville, NY 11801 (US). **COHEN, Michael** [US/US]; 73 - 26 136 Street, Flushing, NY 11367 (US). **DIVINSKY, Aaron** [CA/US]; 104 Cliff Avenue, Sayville, NY 11782 (US). **COTTON, Peter, B.** [US/US]; 1557 Aztec Lane, Mt. Pleasant, SC 29466 (US).

(74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

Declarations / Déclarations :

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

(51)⁷ A61B

(11) **WO 2004/103152** (13) A2

(21) PCT/US2004/015092

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,015 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **TISSUE DISTRACTION DEVICE**
• **DISPOSITIF DE DISTRACTION DE TISSUS**

(71) **SPINE WAVE, INC.** [US/US]; 2 Enterprise Drive, Suite 302, Shelton, CT 06484 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANZI, Richard, J.** [US/US]; 2 Hilltop Drive, Yorktown Heights, NY 10598 (US). **LOGAN, Joseph, N.** [US/US]; 10 Mallett Dr., Trumbull, CT 06611 (US). **WYSOCKI, Steven, J.** [US/US]; 65 Horace street, Stratford, CT 06614 (US). **BONO, Frank, S.** [US/US]; 1735 Linkenholt Cove, Collierville, TN 38017 (US). **RAYMOND, Spanky, A.** [US/US]; 2513 Greenview Drive, Uniontown, OH 44685 (US).

(74) **BECK, Michael, D.**; Bank One Center Tower, 111 Monument Circle, Suite 3000, 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B

(11) **WO 2004/103153** (13) A2

(21) PCT/US2004/015147

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,432 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **URINE PUMP FOR CONDOM CATHETERS AND METHOD FOR USING**

• **POMPE A URINE POUR ETUIS PE- NIENS ET METHODE D'UTILISATION**

(71) **CAWOOD FAMILY LIMITED PART- NERSHIP** [US/US]; 11527 N. Lou Al Court, Houston, TX 77024-2704 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) **CAWOOD, David, C.**; 11527 N. Lou Al Court, Houston, TX 77024-2704 (US).

(74) **BUSH, Gary, L.** et al. / etc.; Andrews Kurth LLP, 600 Travis, Suite 4200, Houston, TX 77002 (US).

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

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 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)

(t) 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 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 A61B

(11) **WO 2004/103154** (13) A2

(21) PCT/US2004/015157

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,160 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF GASTROINTESTINAL DYSFUNCTION AND RELATED STRESS WITH AN ENANTIOMERICALLY-PURE (R) 2,3-BENZODIAZEPINE

• TRAITEMENT D'UN DYSFONCTIONNEMENT GASTRO-INTESTINAL ET DU STRESS ASSOCIE AU MOYEN D'UNE (R) 2,3-BENZODIAZEPINE PURE SUR LE PLAN ENANTIOMERE

(71) VELA PHARMACEUTICALS, INC. [US/US]; 820 Bear Tavern Road Suite 300, Ewing, NJ 08628 (US).

(72) KUCHARIK, Robert, F.

(74) BELL & ASSOCIATES; 416 Funston Avenue, San Francisco, CA 94118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103155 (13) A2

(21) PCT/US2004/015210

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,229 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SURFACE-ENHANCED LASER DESORPTION/IONIZATION-BASED DISEASE DIAGNOSIS

• DIAGNOSTIC MEDICAL BASE SUR UNE IONISATION/DESORPTION LASER AVEC EXALTATION EN SURFACE

(71) CIPHERGEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US).

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

(72, 75) CAFFREY, Rebecca, E. [US/US]; 6295 Montcalm Avenue, Newark, CA 94560 (US).

(74) SAPPENFIELD, Christopher, C. et al. / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103156 (13) A2

(21) PCT/US2004/015311

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,632 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TISSUE SEALER WITH NON-CONDUCTIVE VARIABLE STOP MEMBERS AND METHOD OF SEALING TISSUE

• DISPOSITIF DE SCELLEMENT DE TISSU DOTE D'ELEMENTS D'ARRET VARIABLES NON CONDUCTEURS ET PROCEDE DE SCELLEMENT DE TISSU

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

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

(72, 75) SHIELDS, Chelsea [US/US]; 711B Alpine Avenue, Boulder, CO 80304 (US). MEAGHER, Edward, C. [US/US]; 12 Alvord Court, Greenlawn, NY 11740 (US).

(74) FARBER, Mark et al. / etc.; US Surgical, A Division of Tyco Healthcare Group, LP, 150 Glover Avenue, Norwalk, CT 06856 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103157 (13) A2

(21) PCT/US2004/015315

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,607 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR ENDOSCOPIC SUTURING

• SYSTEME PERMETTANT D'EFFECTUER DES SUTURES ENDOSCOPIQUES

(71) LSI SOLUTIONS, INC. [US/US]; 7796 Victor-Mendon Road, Victor, NY 14564 (US).

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

(72) SAUER, Jude, S.; 451 West Bloomfield Road, Pittsford, NY 14534 (US). FITZSIMMONS, Michael, W.; 218 Rutgers Street, Rochester, NY 14607 (US). BOVARD, Mark, A.; 19 Hampshire Lane, Mendon, NY 14506 (US).

(74) LUKACHER, Kenneth, J.; South Winton Court, 3136 Winton Road South, Suite 204, Rochester, NY 14623 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B

(11) WO 2004/103158 (13) A2

(21) PCT/US2004/015329

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,958 15 May/mai 2003 US (15.05.2003)

(30) 10/663,225 16 Sep/sep 2003 US (16.09.2003)

(30) 60/504,079 19 Sep/sep 2003 US (19.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPUTER-ASSISTED DIAGNOSTIC HEARING TEST

• EPREUVE AUDITIVE DIAGNOSTIQUE ASSISTEE PAR ORDINATEUR

(71) TYMPANY, INC. [US/US]; 12807 Royal Drive, Suite 101, Stafford, TX 77477 (US).

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

(72, 75) WASDEN, Christopher, L. [US/US]; 12807 Royal Drive, Suite 101, Stafford, TX 77477 (US). STOTT, Kenneth, R. [US/US]; 12807 Royal Drive, Suite 101, Stafford, TX 77477 (US).

(74) NGUYEN, Daniel, G.; Jenkins & Gilchrist, 1401 McKinney, Suite 2700, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B
- (11) WO 2004/103159 (13) A2
- (21) PCT/US2004/015399
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/470,683 14 May/mai 2003 US (14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHODS FOR MODULATING EN-DOMETRIUM
• METHODES DE MODULATION DE L'ENDOMETRE
- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAYAK, Nihar, R. [IN/US]; 222 Escuela Avenue, Apt. #1, Mountain View, CA 94040 (US).
- (74) BORDEN, Paula, A.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B
- (11) WO 2004/103161 (13) A2
- (21) PCT/US2004/015604
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/440,757 19 May/mai 2003 US (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IMPROVED O-RING FOR INCREMENTALLY ADJUSTABLE INCISION LINER AND RETRACTOR
• JOINT TORIQUE AMÉLIORÉ POUR DISPOSITIF DE PROTECTION D'INCISIONS À RÉGLAGE INCRÉMENTIEL, ET RÉTRACTEUR
- (63) US 09/970,416 (CIP)
US 3 Oct/oct 2001 (03.10.2001)
10/196,647 (CIP)
16 Jul/juil 2002 (16.07.2002)
- (71, 72) RAMBO, Robert [US/US]; 702 Simmons Road, Sellersville, PA 18960 (US).
- (74) APICELLI, Samuel, W.; Duane Morris LLP, 305 North Front Street, P.O. Box 1003, Harrisburg, PA 17108-1003 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B
- (11) WO 2004/103160 (13) A2
- (21) PCT/US2004/015511
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 60/470,440 15 May/mai 2003 US (15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SPATIAL HETEROGENEITY OF REPOLARIZATION WAVEFORM AMPLITUDE TO ASSESS RISK OF SUDDEN CARDIAC DEATH
• UTILISATION DE L'HETEROGENEITE SPATIALE D'UNE AMPLITUDE DE FORME D'ONDE DE REPOLARISATION POUR EVALUER LE RISQUE DE MORT CARDIAQUE SUBITE
- (71) BETH ISRAEL DEACONESS MEDICAL CENTER [US/US]; 330 Brookline Avenue, Boston, Massachusetts 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) NEARING, Bruce D. [US/US]; 126 Central Street, North Reading, Massachusetts 01864 (US). VERRIER, Richard L.
- [US/US]; 84 Hillside Road, Wellesley Hills, Massachusetts 02181 (US).
- (74) RAY, MICHAEL B. 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 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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- (30) 10/441,531 19 May/mai 2003 US (19.05.2003)
- (30) 10/441,687 19 May/mai 2003 US (19.05.2003)
- (30) 10/441,508 19 May/mai 2003 US (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FIXATION DEVICES, SYSTEMS AND METHODS FOR ENGAGING TISSUE
• DISPOSITIFS DE FIXATION, SYSTEMES ET PROCÉDES PERMETTANT DE PENETRER DANS UN TISSU
- (71) EVALVE, INC. [US/US]; 2761A Fair Oaks Avenue, Redwood City, California 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLDFARB, Eric, A. [US/US]; 140 Jersey Street, San Francisco, California 94114 (US). RASCHDORF, Alfred, H. Jr. [US/US]; 3421A 16th Street, San Francisco, California 94114 (US). SARA BIA, Jaime, E. [US/US]; 467 S. 3rd Street #1, San Jose, California 95112 (US). FAN, Sylvia Wen Chin [US/US]; 3868 21st Street #2, San Francisco, California 94114 (US). DELL, Kent, D. [US/US]; 1131 Grand Street, Redwood City, California 94061 (US). KOMTEBEDDE, Jan [US/US]; 23360 Deerfield Road, Los Gatos, California 95033 (US). POWELL, Ferolyn, T. [US/US]; 55 Caselli Avenue, San Francisco, California 94114 (US).
- (74) THOMPSON, Lynn, M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th 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 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 A61B
- (11) WO 2004/103163 (13) A2
- (21) PCT/US2004/015727
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/441,960 19 May/mai 2003 US (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • BIO-INFORMATION SENSOR MONITORING SYSTEM AND METHOD
• PROCÉDE ET SYSTEME DE SURVEILLANCE PAR DETECTEUR D'INFORMATIONS BIOLOGIQUES
- (71) ALCOHOL MONITORING SYSTEMS, LLC [US/US]; 9135 S.Ridgeline Blvd., #190, Highlands Ranch, CO 80129 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **HAWTHORNE, Jeffrey, Scott**; 40741 E.Louisiana Dr., Bennett, CO 80102 (US). **IIAMS, Michael, Leonard**; 6990 S. Polo Ridge Dr., Littleton, CO 80128 (US). **TUBB, Glenn, Charles**; 5701 Piedmont Drive, Englewood, CO 80111 (US). **STOLL, Richard, A.**; 7455 Ridge Crest Lane, Morrison, CO 80465 (US). **SHOFFNER, Gary, Alan**; 13577 Wyandot Street, Westminster, CO 80234 (US).

(74) **GRADISAR, Stanley, J. et al. / etc.**; Gibson, Dunn & Crutcher LLP, Suite 4100, 1801 California St., Denver, CO 80202 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **A61B**

(11) **WO 2004/103164** (13) **A2**

(21) PCT/US2004/015933

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,363 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR HOMEOPATHIC PROVINGS AND DIAGNOSIS

• METHODE ET APPAREIL POUR PATHOGENESIES HOMEOPATHIQUES ET DIAGNOSTIC

(71, 72) **QUINN, Michael, J.** [US/US]; 14 Crestwood Drive, San Rafael, CA 94901 (US).

(74) **JOHNSON, Larry, D. et al. / etc.**; Johnson & Stainbrook, LLP, 3558 Round Barn Blvd., Suite 203, Santa Rosa, CA 95403 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61B**

(11) **WO 2004/103165** (13) **A2**

(21) PCT/US2004/016128

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10/441,557 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR TRANSNASAL VENTILATION

• METHODE ET APPAREIL POUR VENTILATION TRANSNASALE

(63) US 10/441,557 (CIP) **20 May/mai 2003 (20.05.2003)**

(71) **POG LLC** [US/US]; One Trefoil Drive, Trumbull, CT 06611 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LYONS, James, R.** [US/US]; 370 Mine Hill Road, Fairfield, CT 06824 (US). **RUSSEL, Robert, G.** [US/US]; 5 Lower Lake Road, Danbury, CT 06811 (US).

(74) **MORAN, Eric, R.**; 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 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 **A61B**

(11) **WO 2004/103166** (13) **A2**

(21) PCT/US2004/016364

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,797 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SURGICAL METHOD AND COMPOSITION UTILIZING SUBMUCOSAL TISSUE TO PREVENT INCISIONAL HERNIAS

• PROCEDE CHIRURGICAL ET COMPOSITION FAISANT INTERVENIR DES TISSUS SOUS-MUQUEUX POUR LA PREVENTION D'HERNIES POST-OPERATOIRES

(71, 72) **MANDELBAUM, Jon** [US/US]; 6450 Harting Overlook, Indianapolis, Indiana 46237 (US).

(74) **KNUTH, Randall**; 4921 DeSoto Drive, Fort Wayne, Indiana 46815 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61B 1/00**

(11) **WO 2004/103167** (13) **A1**

(21) PCT/JP2004/007395

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-144668 **22 May/mai 2003 JP (22.05.2003)**

(30) 2003-148802 **27 May/mai 2003 JP (27.05.2003)**

(30) 2003-148621 **27 May/mai 2003 JP (27.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE RECORDING DEVICE

• DISPOSITIF D'ENREGISTREMENT D'IMAGES

(71) **OLYMPUS CORPORATION** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).

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(72, 75) **SHOUJI, Hideyuki** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **ODA, Tomohiko** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **MIYOSHI, Yoshitaka** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **ITO, Nobuyasu** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **IJICHI, Toshiro** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **OHSHIMA, Mutsumi** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **ETO, Tadao** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP). **KIKKAWA, Masashi** [JP/JP]; C/o Olympus Systems Corporation, 53-6, Hatsudai 1-chome, Shibuya-ku, Tokyo 1510061 (JP). **ISHIBASHI, Katsuyoshi** [JP/JP]; C/o Olympus Systems Corporation, 53-6, Hatsudai 1-chome, Shibuya-ku, Tokyo 1510061 (JP). **NAKATSUCHI, Kazutaka** [JP/JP]; C/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).

(74) **OSUGA, Yoshiyuki**; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 1020084 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 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 A61B 1/12

(11) WO 2004/103168 (13) A1

(21) PCT/JP2004/007281

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-143651 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF CLEANING AND STERILIZING
ENDOSCOPIC CAMERA EQUIPMENT, ETC. AND APPARATUS
THEREFOR

• PROCEDE DE NETTOYAGE ET DE STERILISATION
D'UN EQUIPEMENT DE CAMERA ENDOSCOPIQUE ETC.
ET APPAREIL ASSOCIE

(71) KRIPTON CO., LTD. [JP/JP]; 4-3-12,
Yotsuya, Shinjuku-ku, Tokyo 1600004 (JP).
SCIENCE TECHNOLOGY INTERACT
CO., LTD. [JP/JP]; 1, Suga-cho, Shin-
juku-ku, Tokyo 1600018 (JP).
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les États désignés sauf US)

(72, 75) HAMADA, Masahisa [JP/JP]; 14-12,
Enoki-cho, Tokorozawa-shi, Saitama
3591104 (JP). NAKAYAMA, Takehisa
[JP/JP]; 2244-70, Oaza Daitakubo, Mi-
nami-ku, Saitama-shi, Saitama 3360015 (JP).
ICHIMIYA, Kazuko [JP/JP]; 1-8-11, Hori-
nouchi, Suginami-ku, Tokyo 1660013 (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 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 A61B 3/10, G01B 11/14

(11) WO 2004/103169 (13) A2

(21) PCT/EP2004/005170

(22) 14 May/mai 2004 (14.05.2004)

(25) de

(30) 103 23 920.0 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND ARRANGEMENT FOR
MEASURING THE FRONT SECTION
OF THE EYE

• PROCEDE ET DISPOSITIF PERMET-
TANT DE MESURER LA SECTION
OCULAIRE ANTERIEURE

(71) CARL ZEISS MEDITEC AG [DE/DE];
Göschwitzer-Str. 51-52, 07745 Jena (DE).
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les États désignés sauf US)

(72, 75) BARTH, Roland [DE/DE]; Am Hang
5, 07743 Jena (DE). BERGNER, Roland
[DE/DE]; Anna-Siemsen-Str. 97, 07745 Jena
(DE). VOIGT, Klaus-Ditmar [DE/DE];
Damaschkeweg 5, 07745 Jena (DE).
BEHRENDT, Frank [DE/DE]; Kritzegegraben
1, 07743 Jena (DE). DIETZEL, Burkhard
[DE/DE]; Am Steingraben 47, 07616 Bürgel
(DE). HOFMANN, Eberhard [DE/DE];
Am Friedhof 6, 07646 Bollberg (DE). STO-
BER, Gert [DE/DE]; Friedrich-Wolf-Str.8,
07743 Jena (DE). KLOPFLEISCH, Peter
[DE/DE]; Talstr. 39, 07743 Jena (DE).

(74) BECK, Bernard; c/o Carl Zeiss Jena GmbH,
Carl-Zeiss-Promenade 10, 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 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 A61B 5/00

(11) WO 2004/103170 (13) A1

(21) PCT/DK2004/000350

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) PA 2003 00772 22 May/mai 2003 DK
(22.05.2003)

(30) 60/475,916 4 Jun/juin 2003 US
(04.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A GLUCOSE MEASURING DEVICE

• DISPOSITIF DE MESURE DU GLU-
COSE

(71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, DK-2880 Bagsvaerd (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PANDURO, Rasmus [DK/DK]; Inger-
slevsgade 118, 1.th, DK-1705 Copenhagen
(DK).

(74) NOVO NORDISK A/S; Novo Allé,
DK-2880 Bagsvaerd (DK).

(26) 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 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 A61B 5/00, 5/103

(11) WO 2004/103171 (13) A2

(21) PCT/IB2004/001655

(22) 22 May/mai 2004 (22.05.2004)

(25) en (26) en

(30) 60/472,486 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUORESCENCE FILTER FOR TISSUE
EXAMINATION AND IMAGING

• FILTRE DE FLUORESCENCE POUR
L'EXAMEN ET L'IMAGERIE DES TIS-
SUS

(71) INSPEKTOR RESEARCH SYSTEMS
B.V. [NL/NL]; Quellijnstraat 92, NL-1072
XX Amsterdam (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DE JOSSELIN DE JONG, Elbert
[NL/NL]; Gooilandseweg 10, NL-1406 LL
Bussum (NL). VAN DER VEEN, Monique,
H. [NL/NL]; Joris Ivenslaan 45, NL-1325 LX
Almere (NL). WALLER, Elbert [NL/NL];
Ruyschstraat 6-hs, NL-1091 CB Amsterdam
(NL).

(74) VON HELLFELD, Axel; Wuesthoff &
Wuesthoff, Schweigerstrasse 2, 81541
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 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 A61B 5/00

(11) WO 2004/103172 (13) A2

(21) PCT/US2004/015138

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/436,626 13 May/mai 2003 US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IDENTIFICATION OF OVERSENSING USING SINUS R-WAVE TEMPLATE

• IDENTIFICATION D'UNE SENSIBILE EXCESSIVE (OVERSENSING) A L'AIDE D'UN MODELE DE REFERENCE D'ONDE R SINUSOÏDALE

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUNDERSON, Bruce, D. [US/US]; 4735 Pilgram Lane North, Plymouth, Minnesota 55442 (US). GILLBERG, Jeffrey, M. [US/US]; 155 107th Lane Northwest, Coon Rapids, Minnesota 55448 (US). WILCOX, Jay, M. [US/US]; 1743 Highland Parkway, St. Paul, Minnesota 55116 (US).

(74) SOLDNER, Michael, et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61B 5/055, G01R 33/385

(11) WO 2004/103173 (13) A1

(21) PCT/JP2004/007286

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-147837 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MAGNETIC RESONANCE IMAGING DEVICE

• DISPOSITIF D'IMAGERIE A RESONANCE MAGNETIQUE

(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HISHIKAWA, Shingo [JP/JP]; 257-27-223, Omuro, Kashiwa-shi, Chiba 277-0813 (JP). DOMOTO, Takuya [JP/JP]; 1331-46, Yamazaki, Noda-shi, Chiba 278-0022 (JP). TAKANO, Hiroshi [JP/JP]; 4175-4, Honcho, Moriya-shi, Ibaraki 302-0109 (JP).

(74) KASUGA, Yuzuru; 7th Fl., Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (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 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 A61B 5/06

(11) WO 2004/103174 (13) A1

(21) PCT/IB2004/050602

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 03101456.6 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR NAVIGATING A CATHETER

• APPAREIL ET PROCEDE D'EXPLORATION AU MOYEN D'UN CATHETER

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

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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

(72, 75) KRÜGER, Sascha [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). BORBERT, Jörn [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). TIMINGER, Holger [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

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

Published / Publiée : (c)

(51)⁷ A61B 5/087

(11) WO 2004/103175 (13) A1

(21) PCT/KR2004/000352

(22) 20 Feb/fév 2004 (20.02.2004)

(25) ko (26) en

(30) 10-2003-0032763 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PEAK EXPIRATORY FLOW METER CAPABLE OF MEASURING CONTINUOUS EXPIRATORY FLOW SIGNAL

• INDICATEUR DE DEBIT MAXIMAL EXPIRATOIRE POUVANT MESURER UN SIGNAL DE DEBIT EXPIRATOIRE CONTINU

(71) CHUNG CHEONG BUK-DO [KR/KR]; 89, Munhwa-dong, Sangdang-gu, Cheongju-City, Chungcheongbuk-Do 360-765 (KR).

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

(72, 75) CHA, Eun-Jong [KR/KR]; 208-205, Jukong Apt., Mochung-Dong, Heungdeok-Gu, Cheongju-City, Chungcheongbuk-do, 361-753 (KR). KIM, Kung-Ah [KR/KR]; 1207, Dukhee Apt., Sajik2-Dong, Heungdeok-Gu, Cheongju-City, Chungcheongbuk-Do 361-102 (KR).

(74) YOON, Eui-Sang; 2F, S & B Business Support Center 1508-1, Kakyung-Dong, Heungdeok-Gu, Cheongju-City, Chungcheongbuk-Do 361-802 (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 A61B 5/11

(11) WO 2004/103176 (13) A1

(21) PCT/JP2004/007402

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 2003-145400 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BALANCE FUNCTION DIAGNOSTIC SYSTEM AND METHOD BALANCE FUNCTION DIAGNOSTIC SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE DIAGNOSTIC DE FONCTION D'EQUILIBRE

(71) **GM & M COMPANY, INC.** [JP/JP]; #104, 5-10-5, Higashi-gotanda,, Shinagawa-ku,, Tokyo 1410022 (JP).

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

(72, 75) **OBA, Toshihiko** [JP/JP]; 2-2, Nakatsuru 1-chome,, Oita-shi,, Oita8700939 (JP). **MAT-SUSHITA, Soichiro** [JP/JP]; 1-40-3, Hikari-cho,, Kokubunji-shi,, Tokyo1850034 (JP).

(74) **INABA, Yoshiyuki et al. / etc.**; TMI ASSOCIATES 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ **A61B 5/15**

(11) **WO 2004/103177** (13) A1

(21) PCT/JP2004/006844

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-143193 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSERTION DEPTH-ADJUSTABLE NEEDLE INSERTION DEVICE

- DISPOSITIF D'INSERTION D'AIGUILLE A PROFONDEUR D'INSERTION REGLABLE

(71) **ARKRAY, Inc.** [JP/JP]; 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP).

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

(72, 75) **UEHATA, Yoshiharu** [JP/JP]; c/o ARKRAY Inc., 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP). **FUKUZAWA, Masahiro** [JP/JP]; c/o ARKRAY Inc., 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP).

(74) **YOSHIDA, Minoru et al. / etc.**; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka, 5430014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 **A61B 5/15**

(11) **WO 2004/103178** (13) A1

(21) PCT/JP2004/006846

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-143194 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NEEDLE INSERTION DEVICE

- DISPOSITIF D'INSERTION D'AIGUILLE

(71) **ARKRAY, Inc.** [JP/JP]; 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP).

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

(72, 75) **FUKUZAWA, Masahiro** [JP/JP]; c/o ARKRAY Inc., 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP). **UEHATA, Yoshiharu** [JP/JP]; c/o ARKRAY Inc., 57, Nishiketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP).

(74) **YOSHIDA, Minoru et al. / etc.**; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka, 5430014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 **A61B 6/00, A61H 23/02, A61N 2/00**

(11) **WO 2004/103179** (13) A1

(21) PCT/AU2004/000680

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 2003902503 **22 May/mai 2003 AU (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VIBRATORY TRANSDUCER FOR MEDICAL IMAGING AND TREATMENT

- TRANSDUCTEUR VIBRATOIRE POUR TRAITEMENT ET IMAGERIE MEDICALE

(71) **MERLEX CORPORATION PTY LTD** [AU/AU]; 11 Brodie Hall Drive, Bentley, Western Australia 6102 (AU).

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

(72, 75) **HOBSON, Barry, Reginald** [AU/AU]; 11 Brodie Hall Drive, Bentley, Western Australia 6102 (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 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 **A61B 6/00**

(11) **WO 2004/103180** (13) A1

(21) PCT/JP2004/007049

(22) **18 May/mai 2004 (18.05.2004)**

(25) ja (26) ja

(30) 2003-144054 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH-RESOLUTION ANGIOGRAPHY AND X-RAY TUBE FOR HIGH-RESOLUTION ANGIOGRAPHY USED FOR SAME

- ANGIOGRAPHIE A HAUTE RESOLUTION ET SON TUBE A RAYONS X POUR ANGIOGRAPHIE A HAUTE RESOLUTION

(71) **JAPAN SCIENCE AND TECHNOLOGY 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) **SATO, Eiichi** [JP/JP]; 3-20-25-408, Honchodori, Morioka-shi Iwate, 0200015 (JP).

(74) **HIRAYAMA, Kazuyuki**; 6th Floor, Shinjuku-yoen Bldg., 2-3-10, Shinjuku, 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61B 6/12, 8/08**

(11) **WO 2004/103181** (13) A1

(21) PCT/IB2004/050601

(22) **6 May/mai 2004 (06.05.2004)**

- (25) en (26) en
- (30) 03101455.8 **21 May/mai 2003** EP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS AND METHOD FOR RECORDING THE MOVEMENT OF ORGANS OF THE BODY
• APPAREIL ET PROCEDE PERMETTANT D'ENREGISTRER LE MOUVEMENT DES ORGANES DE L'ORGANISME
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) TIMINGER, Holger [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
BORGERT, Jörn [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
KRÜGER, Sascha [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B 8/00, A61K 49/22, B65H 35/00, A61J 1/00
- (11) WO 2004/103183 (13) A2
- (21) PCT/CH2004/000308
- (22) 21 May/mai 2004 (21.05.2004)
- (25) de (26) de
- (30) 906/03 **21 May/mai 2003** CH
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ULTRASOUND COUPLING MEDIUM FOR USE IN MEDICAL DIAGNOSTICS
• SUPPORT DE COUPLAGE ULTRASONS POUR DIAGNOSTIC MEDICAL
- (71, 72) DIETRICH, René H. [CH/CH]; Seewiesenstrasse 10, CH-8597 Landschlacht (CH).
- (72, 75) KREUSCH, Manfred [DE/DE]; Wasserweg 28, 60594 Frankfurt (DE).
- (74) PATENTANWÄLTE FELDMANN & PARTNER AG; Europastrasse 17, CH-8152 Glattbrugg (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).
- (51)⁷ A61B 6/12
- (11) WO 2004/103182 (13) A1
- (21) PCT/IB2004/050603
- (22) 6 May/mai 2004 (06.05.2004)
- (25) en (26) en
- (30) 03101457.4 **21 May/mai 2003** EP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS AND METHOD FOR NAVIGATING A CATHETER
• APPAREIL ET PROCEDE PERMETTANT DE SONDER AU MOYEN D'UN CATHETER
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 8/06
- (11) WO 2004/103184 (13) A2
- (21) PCT/GB2004/002207
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 0311667.0 **21 May/mai 2003** GB
(21.05.2003)
- (30) 0313022.6 **6 Jun/juin 2003** GB
(06.06.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR DIAGNOSIS AND TREATMENT OF VESSEL OCCLUSION
• METHODE DE DIAGNOSTIC ET DE TRAITEMENT D'UNE OCCLUSION VASCULAIRE
- (71) BORDERS NHS BOARD [GB/GB]; Newstead, Melrose, Roxburghshire TD6 9BD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SYME, Paul [GB/GB]; Ashtrees, Gattonside, Melrose, Roxburghshire TD6 9LZ (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 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).
- Published / Publiée : (i)
- (51)⁷ A61B 8/08
- (11) WO 2004/103185 (13) A1
- (21) PCT/JP2004/007110
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-142481 **20 May/mai 2003** JP
(20.05.2003)
- (30) 2003-346182 **3 Oct/oct 2003** JP
(03.10.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ULTRASONOGRAPHY
• ULTRASONOGRAPHIE
- (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) **SUZUKI, Takao**HAGIWARA, HisashiTANAKA, YoshinaoWATANABE, Yoshinobu

(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 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 **A61B 10/00, 5/00**

(11) **WO 2004/103186** (13) A1

(21) PCT/EP2004/005318

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 03011576.0 **22 May/mai 2003 EP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **DIRECT MONITORING OF INTERSTITIAL FLUID COMPOSITION**
• **SURVEILLANCE DIRECTE D'UNE COMPOSITION FLUIDIQUE INTERSTITIELLE**

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).
(only for / seulement pour DE)

(71) **F.HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).
(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) **HAAR, Hans-Peter** [DE/DE]; Waldstrasse 2, 69168 Wiesloch (DE).
MEACHAM, George, Bevan, Kirby [US/US]; 18560 Parkland Drive, Shaker Heights, OH 44122 (US).
LIST, Hans [DE/DE]; Siegfriedstrasse 27, 64754 Hesse-neck-Kailbach (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; c/o Andreas Poredda, Patentabteilung, 68298 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 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).

Declarations / Déclarations :

(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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 NA SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 2004/103187** (13) A1

(21) PCT/US2004/014847

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/470,611 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **BODILY LUMEN CLOSURE APPARATUS AND METHOD**
• **APPAREIL ET PROCÉDE DE FERMETURE DE LUMIÈRE CORPORELLE**

(71) **COOK BIOTECH INCORPORATED** [US/US]; 3055 Kent Avenue, West Lafayette, IN 47906 (US).
OREGON HEALTH and SCIENCE UNIVERSITY [US/US]; 3181 S.W. Sam Jackson Park Road, Portland, OR 97239-3098 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAVCNIK, Dusan** [US/US]; 7676 S.W. Skylar Drive, Portland, OR 97223 (US).
KAUFMAN, John [US/US]; 14210 Amberwood Circle, Lake Oswego, OR 97039 (US).
FETTE, Clay, D. [US/US]; 1503 Austin Drive, Lebanon, IN 46052 (US).

(74) **AGNEW, Charles, W.**; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

Published / Publiée : (c)

(51)⁷ **A61B 17/02, 17/34**

(11) **WO 2004/103188** (13) A2

(21) PCT/US2004/015325

(22) **14 May/mai 2004 (14.05.2004)**

(25) en

(26) en

(30) 60/471,431 **16 May/mai 2003 US (16.05.2003)**

(30) 60/513,796 **22 Oct/oct 2003 US (22.10.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **ACCESS DEVICE FOR MINIMALLY INVASIVE SURGERY**
• **DISPOSITIF D'ACCÈS POUR CHIRURGIE AVEC EFFRACTION MINIMALE**

(71) **ENDIUS, INC.** [US/US]; 22 West Bacon Street, Plainville, Massachusetts 02762 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLUZAS, Alan, E.** [US/US]; 84 Acorn Street, Mills, Massachusetts 02054 (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 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 **A61B 17/10, 17/04, 17/12, 17/06**

(11) **WO 2004/103189** (13) A1

(21) PCT/US2004/015670

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,248 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SINGLE INTUBATION, MULTI-STITCH ENDOSCOPIC SUTURING SYSTEM**
• **SYSTÈME DE SUTURE ENDOSCOPIQUE A PLUSIEURS POINTS ET UNE SEULE INTUBATION**

(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US).
LUKIN, Peter, J.; 28 Russell Lane, Lancaster, MA 01523 (US).
DICESARE, Paul; Eastern Connecticut (US).
BATTLES, Christopher; New Haven, CT (US).
RADZIUNAS, Jeffrey; Wallingford, CT (US).
FERRIERA, Danial; Milford, CT (US).

(74) **HERSH, Joyce, C.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109-1808 (US).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Published / Publiée : (c)

(51)⁷ A61B 17/22, 17/32, 10/00

(11) WO 2004/103190 (13) A1

(21) PCT/US2004/015029

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,438 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • MEDICAL INSTRUMENT HANDLE
• POIGNEE D'INSTRUMENT MEDICAL

(71) WILSON-COOK MEDICAL, INC. [US/US]; P.O. Box 27115-4191, 4900 Bethania Station Road, Winston-Salem, NC 27105-4191 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERICKSON, Leonard [US/US]; 130 Sedgewick Ridge Court, Lewisville, NC 27023 (US). CALLOWAY, Jack [US/US]; 6148 Brinkley Park Drive, Belew Creek, NC 27009 (US).

(74) FERNANDEZ, Alejandro, J.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

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

Published / Publiée : (c)

(51)⁷ A61B 17/54, 17/50

(11) WO 2004/103191 (13) A1

(21) PCT/ES2004/000163

(22) 15 Apr/avr 2004 (15.04.2004)

(25) es (26) es

(30) P030101752 20 May/mai 2003 AR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • INSTRUMENT FOR CLEANING AND REJUVENATING THE SKIN BY MEANS OF NON-TRAUMATIC ABRASION IN A CONTROLLED AND ADJUSTABLE VACUUM

- INSTRUMENT DE NETTOYAGE ET DE RAJEUNISSEMENT DE LA PEAU PAR ABRASION NON TRAUMATISANTE SOUS VIDE CONTROLE ET REGLABLE

(71, 72) MARTÍNEZ ZUNINO, Edgardo, Luis [ES/ES]; Cl. León, 4 2^o piso., E-19200 Azuqueca de Henares (ES).

(74) MORGADES MANONELLES, Juan, Antonio; Cl. Rector Ubach, 37-39 baixos, E-08021 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).

(51)⁷ A61B 17/70

(11) WO 2004/103192 (13) A1

(21) PCT/DE2004/001005

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 203 07 773.3 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DEVICE FOR ALIGNING A HUMAN OR ANIMAL VERTEBRAL COLUMN
• DISPOSITIF POUR AJUSTER LA COLONNE VERTEBRALE D'UN HOMME OU D'UN ANIMAL

(71, 72) METZ-STAVENHAGEN, Peter [DE/DE]; Schloßstrasse 24, 34537 Bad Wildungen (DE).

(74) WALTHER & HINZ; Heimradstrasse 2, 34130 Kassel (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 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 A61B 17/70

(11) WO 2004/103193 (13) A1

(21) PCT/DE2004/000834

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) 203 07 776.8 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ANCHORING ELEMENT FOR FIXING A ROD OF A DEVICE FOR SETTING A HUMAN OR ANIMAL SPINAL COLUMN TO A VERTEBRA

- ELEMENT D'ANCRAGE SERVANT A FIXER SUR UNE VERTEBRE UNE BARRE D'UN DISPOSITIF PERMETTANT D'AJUSTER UNE COLONNE VERTEBRALE HUMAINE OU ANIMALE

(71, 72) METZ-STAVENHAGEN, Peter [DE/DE]; Schlossstrasse 24, 34537 Bad Wildungen (DE).

(74) WALTHER, WALTHER & HINZ; Heimradstrasse 2, 34130 Kassel (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 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 A61B 17/70

(11) WO 2004/103194 (13) A1

(21) PCT/IB2004/001663

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,578 22 May/mai 2003 US (22.05.2003)

(30) 60/527,060 4 Dec/déc 2003 US (04.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • VARIABLE ANGLE SPINAL SCREW ASSEMBLY
• ENSEMBLE VIS VERTEBRALE A ANGLE VARIABLE

(71) ALPHATEC MANUFACTURING, INC. [US/US]; 6110 Corte Del Cedro, Carlsbad, CA 92009 (US).

(72) PURCELL, Thomas; 526 Via De La Valle, Unit F, Solana Beach, CA 92075 (US). HAIR, Don; 15459 Paseo Carmel, Moreno Valley, CA 92551 (US). FRECH, Tamas, T.; 28561 Corvus Way, Sun City, CA 92586 (US).

(74) SCHLEE, Alexander; c/o Viering, Jentschura & Partner, Steinsdorfstr. 6, 80538 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 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 A61B 18/00

(11) WO 2004/103195 (13) A2

(21) PCT/EP2004/005415

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 566.3 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSTRUMENT FOR THE UNIPOLAR ABLATION OF HEART TISSUE
• INSTRUMENT D'ABLATION UNIPOLAIRE DE TISSU CARDIAQUE

(71) FEHLING AG [CH/CH]; Pfeffingerstrasse 19, CH-4153 Reinach (CH). SELECT MEDIZIN-TECHNIK HERMANN SUTTER GMBH [DE/DE]; Tullastrasse 87, 79180 Freiburg (DE).
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(72, 75) SUTTER, Bert [DE/DE]; Allmendweg 4, 79279 Vörstetten (DE). FEHLING, Guido [DE/DE]; Hanauer Landstrasse 7, 63791 Karlstein (DE).

(74) MUSSGUG, Bernd; Westphal, Mussnug & Partner, Am 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 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 A61B 19/00

(11) WO 2004/103196 (13) A1

(21) PCT/AU2004/000693

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902604 26 May/mai 2003 AU (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DIFFERENTIAL TISSUE EXPANDER IMPLANT
• PROTHESE D'EXPANSION DIFFERENTIELLE

(71, 72) CONNELL, Anthony, Francis [AU/AU]; 3/200 Rokeby Road, Subiaco, Western Australia 6008 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; Level 32, MLC Centre, 19-29 Martin Place, 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 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 A61B 19/00

(11) WO 2004/103197 (13) A1

(21) PCT/JP2004/006824

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145056 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEDICAL MENIPULATOR
• MANIPULATEUR MEDICAL

(71) WASEDA UNIVERSITY [JP/JP]; 104, Totsuka-machi 1-chome, Shinjuku-ku, Tokyo 1698050 (JP). OKAYASU, Haruna [JP/JP]; c/o School of Science and Engineering, Waseda University 4-1, Okubo 3-chome Shinjuku-ku Tokyo, 1698555 (JP).
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(72, 75) FUJIE, Masakatsu [JP/JP]; c/o School of Science and Engineering, Waseda University 4-1, Okubo 3-chome Shinjuku-ku Tokyo, 1698555 (JP).

(74) ENOMOTO, Hidetoshi; 1769-8, Hazamamachi, Hachioji-shi, Tokyo 1930941 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61B 19/00, 6/00, 6/12

(11) WO 2004/103198 (13) A1

(21) PCT/NL2004/000360

(22) 19 May/mai 2004 (19.05.2004)

(25) nl (26) en

(30) 1023485 21 May/mai 2003 NL (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD OF NAVIGATING AN INSTRUMENT
• APPAREIL ET PROCÉDE DE NAVIGATION D'UN INSTRUMENT

(71) TECHNISCHE UNIVERSITEIT DELFT [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL).

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(72, 75) BAKKER, Nicolaas, Hylke [NL/NL]; Helmholtzstraat 54-3, NL-1098 LK Amsterdam (NL). HEETEN DEN, Gerard, Johan [NL/NL]; Bloemendaalseweg 96, NL-2061 CN Bloemendaal (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 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 A61C

(11) WO 2004/103199 (13) A2

(21) PCT/IL2004/000430

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,368 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENDOSCOPIC BITE BLOCK
• BLOC DE MORSURE ENDOSCOPIQUE

(71) ORIDION MEDICAL (1987) LTD. [IL/IL]; Har Hotzvim Industrial Area, P.O. Box 45025, 91450 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLMAN, Joshua Lewis [IL/IL]; 7 Patel Street, Jerusalem (IL). LEVITSKY, Gershon [IL/IL]; 7 Meir Yonah Street, 97861 Jerusalem (IL). PORAT, Ron [IL/IL]; House 34, 99875 Zur-Hadassa (IL).

(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61C
(11) WO 2004/103200 (13) A2
(21) PCT/US2004/015037
(22) 13 May/mai 2004 (13.05.2004)
(25) en (26) en
(30) 10/439,638 16 May/mai 2003 US (16.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • ORTHODONTIC APPLIANCE
• APPAREIL ORTHODONTIQUE
(71, 72) WILLIAMS, Michael, O. [US/US]; 58 Shoreline Lane, Gulfport, Mississippi 39053 (US).
(74) DENK, Paul, M.; 763 S. New Ballas Road, Ste. 170, St. Louis, Missouri 63141 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61C 8/00
(11) WO 2004/103202 (13) A1
(21) PCT/IL2004/000438
(22) 23 May/mai 2004 (23.05.2004)
(25) en (26) en
(30) 156033 21 May/mai 2003 IL (21.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • CONDENSING SKELETAL IMPLANT THAT FACILITATE INSERTION
• IMPLANT SQUELETTIQUE A CONDENSATION FACILITANT L'INTRODUCTION
(71, 72) FROMOVICH, Ophir [IL/IL]; 17 Hahagana St., 49591 Petach Tikva (IL). JA-COBY, Yuval [IL/IL]; 11 Epstein St., 62962 Tel Aviv (IL).
(72, 75) BICHACHO, Nitzan [IL/IL]; 2 Reuven Rubin, Neot Afeka, 69412 Tel Aviv (IL). KARMON, Ben-Zion [IL/IL]; Hanesiim 24, 49550 Petach Tikva (IL).
(74) FRIEDMAN, Mark; 7 Haomanim St., 67897 Tel Aviv (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 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 A61C
(11) WO 2004/103201 (13) A2
(21) PCT/US2004/015448
(22) 17 May/mai 2004 (17.05.2004)
(25) en (26) en
(30) 10/442,020 19 May/mai 2003 US (19.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • HYDROGEL COMPOSITIONS DEMONSTRATING PHASE SEPARATION ON CONTACT WITH AQUEOUS MEDIA
• COMPOSITIONS D'HYDROGEL PRESENTANT UNE SEPARATION DE PHASES AU CONTACT D'UNE SUBSTANCE AQUEUSE
(71) CORIUM INTERNATIONAL [US/US]; 2686 Middlefield Road, Suite G, Redwood City, CA 94063 (US). A.V. TOPCHIEV INSTITUTE OF PETROCHEMICAL SYNTHESIS [RU/RU]; Russian Academy of Sciences, 29, Leninsky prosp., Moscow, 117912 (RU).
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(72, 75) SINGH, Parminder [IN/US]; 1906 35th Avenue, San Francisco, CA 94116 (US). CLEARY, Gary, W. [US/US]; 26410 Silent Hills Lane, Los Altos Hills, CA 94022 (US). MUDUMBA, Sri [IN/US]; 30731 Canterbury Court, Union City, CA 94587 (US). FELDSTEIN, Mikhail, M. [RU/RU]; Leninsky Prospekt 102, Apt. 145, Moscow, 119415 (RU). BAIRAMOV, Danir, F. [RU/RU]; Profsojuznaya ul 8, Korpus 2, Apt. 463, Moscow, 117292 (RU).
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- (51)⁷ A61C 8/00
(11) WO 2004/103203 (13) A2
(21) PCT/US2004/015012
(22) 14 May/mai 2004 (14.05.2004)
(25) en (26) en
(30) 60/471,036 16 May/mai 2003 US (16.05.2003)
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- (30) 60/472,234 21 May/mai 2003 US (21.05.2003)
(30) 60/479,530 18 Jun/juin 2003 US (18.06.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • DENTAL IMPLANT SYSTEM
• SYSTEME D'IMPLANT DENTAIRE
(71) NOBEL BIOCARE SERVICES AG [CH/CH]; Balz Zimmerman-Strass 7, CH-8152 Blattbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) WOHRLE, Peter, S. [DE/US]; 7 Carmel Bay Drive, Corona Del Mar, CA 92625 (US).
(72) HOWLETT, Charles, W.; 1404 Bluebird Canyon Drive, Laguna Beach, CA 92651 (US).
(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 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 A61C 15/02, 15/04
(11) WO 2004/103204 (13) A1
(21) PCT/EP2004/005324
(22) 18 May/mai 2004 (18.05.2004)
(25) de (26) de
(30) 103 23 328.8 23 May/mai 2003 DE (23.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • METHOD AND DEVICE FOR COATING TOOTH PICKS OR FLOSSERS AND CORRESPONDING TOOTH-PICKS AND FLOSSERS
• PROCEDE ET DISPOSITIF POUR ENDUIRE DES CURE-DENTS OU DES FILS DENTAIRES SUR SUPPORT, CURE-DENTS ET FILS DENTAIRES SUR SUPPORT
(71) BRAUN GMBH [DE/DE]; Frankfurter Str. 145, 61476 Kronberg (DE).
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(72, 75) FINGER, Gerhard [DE/DE]; Parkstrasse 7a, 61389 Schmittlen (DE). EMGE, Thorsten [DE/DE]; Ostring 14, 63110 Rodgau (DE). KLAUWUHN, Manfred [DE/DE]; Leerbachstrasse 62, 60322 Frankfurt am Main (DE).
(74) BRAUN GMBH; Frankfurter Str. 145, 61476 Kronberg (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

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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 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 A61D

(11) WO 2004/103205 (13) A2

(21) PCT/US2004/015342

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,085 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFLATABLE HORSESHOE SUPPORT PAD

- COUSSINET GONFLABLE DE DES-SOUS-DE-SABOT POUR FER A CHEVAL

(71, 72) MORRIS, Patrick, J. [US/US]; 2016 Ludwig Avenue, Santa Rosa, CA 95407 (US).

(74) STAINBROOK, Craig, M. et al. / etc.; Johnson & Stainbrook, LLP, Suite 203, 3558 Round Barn Blvd., Santa Rosa, CA 95403 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61F

(11) WO 2004/103206 (13) A2

(21) PCT/US2004/014857

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/439,725 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BACK SUPPORT SYSTEM

- SYSTEME DE SUPPORT POUR LE DOS

(71) BANYAN LICENSING LC [US/US]; 1040 Bayview Drive, Suite 322, Ft. Lauderdale, FL 33304 (US).

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

(72, 75) DAVIS, Edmund, Scott [US/US]; 2305 Solar Plaza Drive, Fort Lauderdale, FL 33301 (US).

(74) LIPSCOMB, Ernest, B., III 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 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 A61F

(11) WO 2004/103207 (13) A2

(21) PCT/US2004/014918

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 60/471,092 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ECHOGENIC STENT

- STENT ECHOGENIQUE

(71) APPLIED MEDICAL RESOURCES CORPORATION [US/US]; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).

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(74) VU, Kenneth; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61F

(11) WO 2004/103208 (13) A2

(21) PCT/US2004/015438

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,518 15 May/mai 2003 US (15.05.2003)

(30) US03/33750 23 Oct/oct 2003 US (23.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RETICULATED ELASTOMERIC MATRICES, THEIR MANUFACTURE AND USE IN IMPLANTABLE DEVICES

- MATRICES ELASTOMERES RETICULEES, LEUR PRODUCTION ET LEUR UTILISATION DANS DES DISPOSITIFS IMPLANTABLES

(71) BIOMERIX CORPORATION [US/US]; 41 West 57th Street, 6th Floor, New York, NY 10019 (US).

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(72, 75) DATTA, Arindam [US/US]; 26 Baker Circle, Hillsborough, NJ 08844 (US). FRIEDMAN, Craig [US/US]; 19 Cross Highway, Westport, CT 06880 (US). KLEMPNER, Daniel [US/US]; 2103 Spinaker Lane, West Bloomfield, MI 48324 (US). SENDIJAREVIC, Aisa [US/US]; 6284 Atkins Drive, Troy, MI 48085 (US).

(74) ABRAMS, Samuel, B. 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 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 A61F

(11) WO 2004/103209 (13) A2

(21) PCT/US2004/015734

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,555 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TISSUE DISTENTION DEVICE AND RELATED METHODS FOR THERAPEUTIC INTERVENTION

- DISPOSITIF DE DISTENSION TISSULAIRE ET PROCÉDES ASSOCIÉS D'INTERVENTION THERAPEUTIQUE

(71) SECANT MEDICAL LLP [US/US]; 700 Park Avenue, P.O. Box 275, Perkasi, PA 18944 (US).

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(72, 75) GREENHALGH, E., Skott [US/US]; 7943 Pleasant Avenue, Wyndmoor, PA 19038

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(74) STUDEBAKER, Donald, R.; Nixon Peabody LLP, 401 9th Street, N.W., 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 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 A61F

(11) WO 2004/103210 (13) A2

(21) PCT/US2004/016176

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,482 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TUNNELING DEVICE FOR USE WITH A GRAFT

• DISPOSITIF DE TUNNELISATION UTILISE AVEC UNE GREFFE

(71) ATRIUM MEDICAL CORPORATION [US/US]; 5 Wentworth Drive, Hudson, NH 03051 (US).

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(72, 75) KARWOSKI, Theodore [US/US]; 61 Hannah Drive, Hollis, NH 03049 (US). AVELLA, Mark, D. [US/US]; 33 Rolling Ridge Road, Londonderry, NH 03053 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61F 2/00

(11) WO 2004/103211 (13) A2

(21) PCT/DE2004/000989

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 22 174.3 14 May/mai 2003 DE (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLUG ADAPTER FOR A HIP ENDO-PROTHESIS

• ADAPTATEUR ENFICHABLE CONÇU POUR UNE ENDOPROTHESE DE HANCHE

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(72, 75) ANAPLIOTIS, Emmanuel [DE/DE]; Otto von Simson Strasse 5, 14195 Berlin (DE). KRANZ, Curt [DE/DE]; Forststrasse 48, 14163 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 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 A61F 2/00

(11) WO 2004/103212 (13) A1

(21) PCT/ES2004/000222

(22) 19 May/mai 2004 (19.05.2004)

(25) es (26) es

(30) P 2003 01158 20 May/mai 2003 ES (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DUAL MESH PROSTHESIS WHICH IS USED TO CORRECT ABDOMINAL WALL DEFECTS AND PREVENT ADHESION FORMATION AT THE PERITONEAL INTERFACE

• PROTHESE COMPOSEE D'UNE DOUBLE MAILLE QUI CORRIGE LES DEFATS DE PAROI ABDOMINALE ET EMPECHE LA FORMATION D'ADHERENCES SUR L'INTERFACE PERITONEALE

(71, 72) BELLÓN CANEIRO, Juan Manuel [ES/ES]; O'Donnell 8-4-I, E-28009 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 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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(21) PCT/IL2004/000433

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(25) en (26) en

(30) 156070 22 May/mai 2003 IL (22.05.2003)

(30) 157117 27 Jul/juil 2003 IL (27.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR THE PREVENTION OF URINARY INCONTINENCE IN FEMALES

• DISPOSITIF DE PREVENTION DE L'INCONTINENCE URINAIRE CHEZ LES FEMMES

(71) CONTIPI LTD. [IL/IL]; 99 Hahistadrut Blvd, 31250 Haifa (IL).

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(72, 75) ZIV, Elan [IL/IL]; 8 Hailanot Street, 52648 Ramat Gan (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61F 2/04

(11) WO 2004/103214 (13) A1

(21) PCT/US2004/001601

(22) 21 Jan/jan 2004 (21.01.2004)

(25) en (26) en

(30) PCT/US03/15731 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED APPARATUS AND METHOD FOR SECURING TO AN INTERNAL WALL OF A BIOLOGICAL LUMEN

• DISPOSITIF POUR FIXATION A LA PAROI D'UNE LUMIERE INTERNE

(63) US PCT/US03/15731 (CIP) 20 May/mai 2003 (20.05.2003)

(71) BIOMEDIX, S.A. [CH/CH]; 14 quai du Seujet, CH-1201 Geneva (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GODIN, Norman [US/CH]; 14 quai du Seujet, CH-1201 Geneva (CH).

(74) **BELLES, Brian, L.**; Cozen O'Connor, 1900 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 UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61F 2/06

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(21) PCT/EP2004/003999

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(25) de (26) de

(30) 103 23 628.7 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STENTS MADE OF A MATERIAL HAVING A LOW ELONGATION AT FRACTURE

• STENTS CONSTITUES D'UN MATERIAU PRESENTANT UN ALLONGEMENT A LA RUPTURE REDUIT

(71) **BIOTRONIK AG** [CH/CH]; Bülach (CH).
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(72, 75) **LOOTZ, Daniel** [DE/DE]; Mozartstrasse 6, 18119 Rostock (DE). **KOOP, Karsten** [DE/DE]; Feldstrasse 42, 18057 Rostock (DE). **BECHER, Bärbel** [DE/DE]; Am Kabutzenhof 26, 18057 Rostock (DE). **KIEKBUSCH, Martin** [DE/DE]; Carl-Heydemann-Ring 35, 18437 Stralsund (DE). **BAKCZEWITZ, Frank** [DE/DE]; Grubenstrasse 62, 18055 Rostock (DE).

(74) **EISENFÜHR, SPEISER & PARTNER**; Anna-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).

(51)⁷ A61F 2/06

(11) WO 2004/103216 (13) A1

(21) PCT/IL2004/000436

(22) 23 May/mai 2004 (23.05.2004)

(25) en

(30) 156,115 26 May/mai 2003 IL (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STENT POSITIONING SYSTEM

• SYSTEME DE MISE EN PLACE D'UNE ENDOPROTHESE

(71) **HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD.** [IL/IL]; P.O. Box 12000, IL-91120 Jerusalem (IL).

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(74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, IL-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 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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(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/441,666 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STENT DELIVERY SYSTEM HAVING IMPROVED SECUREMENT MEANS

• SYSTEME DE MISE EN PLACE DE STENT AVEC MOYENS D'ANCRAGE AMELIORES

(71) **SCIMED LIFE SYSTEMS INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311 (US).

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(74) **LAABS, Jeremy**; Vidas, Arrett & Steinkraus, 6109 Blue Circle Drive, Suite 2000, Minnetonka, MN 55343-9185 (US).

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

MK MN MW MX MZ NA NI 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) 10/439,298 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DILATATION AND STENT DELIVERY SYSTEM AND RELATED METHODS

• SYSTEME DE DILATATION ET DE POSE D'UN STENT ET METHODES CONNEXES

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, Minnesota 55311-1566 (US).

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(74) **GARRETT, Arthur, S. et al.** / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, 1300 I Street, NW, Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61F 2/06

(11) WO 2004/103219 (13) A2

(21) PCT/US2004/014016

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/438,409 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED SEALABLE ATTACHMENT ON ENDOVASCULAR STENT TO GRAFT

• FIXATION ETANCHE PERFECTION-NEE D'UN STENT ENDOVASCULAIRE A UN GREFFON

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

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(72, 75) DIMATTEO, Kristian [US/US]; 25 Carleton Road, Waltham, MA 02451 (US). SPIRIDIGLIOZZI, John [US/US]; 225 Norwood Street, Sharon, MA 02067 (US). THISTLE, Robert, C. [US/US]; 35 Laurie Lane, Bridgewater, MA 02324 (US).

(74) GALLO, Anna-Lisa et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syoset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61F 2/06

(11) WO 2004/103220 (13) A2

(21) PCT/US2004/015280

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/440,063 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEDICAL DEVICES AND METHODS OF MAKING THE SAME

• DISPOSITIFS MEDICAUX ET METHODES DE FABRICATION DE CEUX-CI

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).

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(72, 75) WEBER, Jan [NL/US]; 18112 89th Place N., Maple Grove, MN 55311 (US). BROWN, Brian [US/US]; 178 Jandel Avenue N.E., Hanover, MN 55341 (US).

(74) GAGEL, John, J.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

SY TJ 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 A61F 2/16

(11) WO 2004/103221 (13) A1

(21) PCT/DE2003/001649

(22) 20 May/mai 2003 (20.05.2003)

(25) de (26) de

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIXING RING FOR PERFORMING ENDOCAPSULAR OR EXTRACAPSULAR PROTHETIC RECONSTRUCTION IN THE FRONT SECTION AREA OF THE HUMAN EYE

• BAGUE DE FIXATION UTILISEE EN RECONSTRUCTION PROTHETIQUE ENDO- OU EXTRACAPSULAIRE DANS LA ZONE DE LA SECTION AVANT DE L'OEIL HUMAIN

(71, 72) HERMEKING, Heino [DE/DE]; Falkenberg 137, 42113 Wuppertal (DE).

(74) MEYER-ROEDERN, Giso; Bergheimer Strasse 10-12, 69115 Heidelberg (DE).

(81) AL JP LT LV MK US.

(84) EP (AT BE BG CH 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 2/24

(11) WO 2004/103222 (13) A1

(21) PCT/US2004/015692

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,647 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE MEDICAL DEVICE WITH CONSTRAINED EXPANSION

• DISPOSITIF MEDICAL IMPLANTABLE A DEPLOIEMENT LIMITE

(71) COOK INCORPORATED [US/US]; 750 Daniels Way (US).

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

(72, 75) OSBORNE, Thomas, A. [US/US]; 9480 S. Pointe LaSalles Drive, Bloomington, IN 47401 (US). CASE, Brian, C. [US/US]; 841 Rosewood Drive, Bloomington, IN 47404 (US). FLAGLE, Jacob, A. [US/US]; 2200 E. 7th Street, Bloomington, IN 47408 (US). HOFFA, Andrew, K. [US/US]; 550 West Fairway Lane, Bloomington, IN 47403 (US). GARRISON, Michael, L. [US/US]; 2100 West Sudbury Drive, Bloomington, IN 47403 (US).

(74) BUCHANAN, J., Matthew; Fraser Martin Buchanan Miller LLC, 132 West Second Street, Perrysburg, OH 43551 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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(25) en (26) en

(30) 60/472,030 20 May/mai 2003 US (20.05.2003)

(30) 60/548,416 26 Feb/fév 2004 US (26.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHODS FOR REPAIR OF A CARDIAC VALVE

• APPAREIL ET PROCÉDE POUR REPARER UNE VALVULE CARDIAQUE

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

(72) NAVIA, José, Luis; 2707 Cranlyn Road, Shaker Heights OH 44122 (US). NAVIA, José, Antonio; 1308 Suipacha Apt.4B, Buenos Aires 1011 (AR). GOODIN, Mark, S.; 34032 Summerset Drive, Solon, OH 44134 (US).

(74) WESORICK, Richard S; Tarolli, Sundheim, Covell & Tummino L.L.P., 526 Superior Avenue, Suite 1111, 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 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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(25) en (26) en

(30) 10/438,883 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CARTILAGE ALLOGRAFT PLUG

- BOUCHON D'ALLOGREFFE CARTILAGINEUSE

(71) MUSCULOSKELETAL TRANSPLANT FOUNDATION [US/US]; Edison Corporate Center, Suite 300, 125 May Street, Edison, NJ 08837 (US).

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(71, 72) GOMES, Katherine, A. [US/US]; 470 East Main Street, Somerville, NJ 08876 (US). SUNWOO, Moon Hae [US/US]; 28 Lakeview Drive, Old Tappan, NJ 07675 (US). GERTZMAN, Arthur, A. [US/US]; 9 Orchard Lane, Lebanon, NJ 08833 (US). TOMFORD, William, W. [US/US]; 72 Pinehurst Road, Belmont, MA 02478 (US).

(74) HALE, John, S.; Gipple & Hale, 6665-B Old Dominion Drive, McLean, VA 22101 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) 203 07 876.4 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR IMPLANTING IN A HUMAN OR ANIMAL VERTEBRAL COLUMN

- DISPOSITIF DESTINE A ETRE IMPLANTE DANS UNE COLONNE VERTEBRALE HUMAINE OU ANIMALE

(71, 72) METZ-STAVENHAGEN, Peter [DE/DE]; Schlossstrasse 24, 34537 Bad Wildungen (DE).

(74) WALTHER. WALTHER & HINZ; Heimradstrasse 2, 34130 Kassel (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 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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(11) WO 2004/103226 (13) A2

(21) PCT/EP2004/003831

(22) 10 Apr/avr 2004 (10.04.2004)

(25) de (26) de

(30) 103 24 108.6 21 May/mai 2003 DE (21.05.2003)

(30) 103 33 659.1 24 Jul/juil 2003 DE (24.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VERTEBRAL COLUMN IMPLANT

- IMPLANT DE COLONNE VERTEBRALE

(71) AESCULAP AG & CO. KG [DE/DE]; Am Aesculap-Platz, 78532 Tuttlingen (DE).

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(72, 75) LINDNER, Stephan [DE/DE]; Schwarzwaldstrasse 2, 78532 Tuttlingen (DE). SCHUMACHER, Jörg [DE/DE]; Kolpingweg 21, 78532 Tuttlingen (DE). KRAMER, Ulrich [DE/DE]; Königstrasse 59, 78532 Tuttlingen (DE). BADER, Uwe [DE/DE]; Wildensteinstrasse 3, 78532 Tuttlingen (DE). WALLSTEIN, Stefan [DE/DE]; Karlstrasse 97, 78532 Tuttlingen (DE). SCHULTZ, Robert [DE/DE]; Granegweg 10, 78532 Tuttlingen (DE). BEGER, Jens [DE/DE]; Schlehenweg 7, 78532 Tuttlingen (DE).

(74) BÖHME, Ulrich; Hoeger, Stellrecht & Partner, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61F 2/44, 2/46

(11) WO 2004/103227 (13) A1

(21) PCT/US2004/011113

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/438,294 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROSTHESES AND TOOLS FOR REPLACEMENT OF NATURAL FACET JOINTS WITH ARTIFICIAL FACET JOINT SURFACES

- PROTHESES ET OUTILS POUR LE REMPLACEMENT DE FACETTES

VERTEBRALES LOMBAIRES NATURELLES PAR DES SURFACES FORMANT FACETTES VERTEBRALES LOMBAIRES ARTIFICIELLES

(71) ARCHUS ORTHOPEDICS, INC. [US/US]; 8624 - 154th Avenue NE, Redmond, WA 98052 (US).

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(72, 75) REILEY, Mark [US/US]; 360 Magnolia Avenue, Piedmont, CA 94611 (US). YUAN, Hansen [US/US]; 5066 Pine Valley Drive, Fayetteville, NY 13066 (US). STINSON, David [US/US]; 15009 NE 195th Street, Woodinville, WA 98072 (US). JONES, Lawrence [US/US]; 11701 Baca Road, Conifer, CO 80433 (US).

(74) SHAY, James et al. / etc.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

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

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(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/438,295 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROSTHESES AND TOOLS FOR REPLACEMENT OF NATURAL FACET JOINTS WITH ARTIFICIAL FACET JOINT SURFACES

- PROTHESES ET INSTRUMENTS POUR REMPLACER DES FACETTES ARTICULAIRES NATURELLES PAR DES FACETTES ARTICULAIRES ARTIFICIELLES

(71) ARCHUS ORTHOPEDICS, INC. [US/US]; 8624 - 154th Avenue NE, Redmond, Washington 98052 (US).

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

(72, 75) REILEY, Mark [US/US]; 360 Magnolia Avenue, Piedmont, California 94611 (US). YUAN, Hansen [US/US]; 5066 Pine Valley Drive, Fayetteville, New York 13066 (US). STINSON, David [US/US]; 15009 NE 195th Street, Woodinville, Washington 98072 (US). JONES, Lawrence [US/US]; 11701 Baca Road, Conifer, Colorado 80433 (US).

(74) SHAY, James et al. / etc.; WILSON SONSINI GOODRICH & ROSATI, 650 Page Mill Road, Palo Alto, California 94304-1050 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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) da (26) en

(30) PA 2003 00771 22 May/mai 2003 DK (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPOSABLE VALVE UNIT FOR REGULATING A FLOW OF URINE

• UNITE VANNE JETABLE, POUR REGULER LE FLUX D'URINE

(71) UNIMEDICAL A/S [DK/DK]; Engmosen 1, DK-3540 Lyngby (DK).

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(72, 75) IVERSEN, Jørgen [DK/DK]; Horsekjær 26, DK-4660 Store Heddinge (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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(25) en (26) en

(30) 60/472,480 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMAL STIMULATION PROBE AND METHOD

• SONDÉ ET PROCÉDE DE STIMULATION THERMIQUE

(71) MEDOC LTD. [IL/IL]; P. O. BOX 423, 30095 RAMAT YISHAI (IL).

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(72, 75) GAFNI, Ehud [IL/IL]; 45 HA'OREN STREET, 30095 RAMAT YISHAI (IL).

GRANOVSKY, Yelena [IL/IL]; 48 ARLOZOROV STREET, 33651 HAIFA (IL).

(74) FENSTER, Paul et al. / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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(25) en (26) en

(30) 10/441,655 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADVANCED BODY ARMOR UTILIZING SHEAR THICKENING FLUIDS

• VETEMENT PARE-BALLES PERFECTIONNEE UTILISANT DES FLUIDES D'EPAISSISSEMENT PAR CISAILLEMENT

(71) UNIVERSITY OF DELAWARE [US/US]; Office of the Vice Provost for Research, 210 Hullen Hall, Newark, DE 19716 (US). THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY [—/US]; Washington, DC (US).

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(72) WAGNER, Norman; 119 Country Club Drive, Newark, DE 19711 (US). WETZEL, Eric, D.; 925 S. Streeper Street, Baltimore, MD 21224 (US).

(74) PEZZNER, Ashley, I. et al. / etc.; 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 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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(21) PCT/US2004/014953

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/438,995 15 May/mai 2003 US (15.05.2003)

(30) 10/438,996 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISSOLVABLE VAGINAL DEODORIZING FILMS AND METHODS OF VAGINAL DEODORIZING UTILIZING PLIABLE DISSOLVABLE FILM

• FILMS POUVANT ETRE DISSOUS, DESODORISANTS VAGINAUX ET PROCÉDE DE DESODORISATION VAGINALE AU MOYEN DU FILM PLIABLE ET POUVANT ETRE DISSOUS

(71) APOTHECUS PHARMACEUTICAL CORP. [US/US]; 220 Townsend Square, Oyster Bay, NY 11771 (US).

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

(71, 72) LEON, Thomas [US/US]; 220 Townsend Square, Oyster Bay, NY 11771 (US). GABEL, Paul [US/US]; 220 Townsend Square, Oyster Bay, NY 11771 (US).

(74) BURKE, Daniel, P.; Galgano & Burke, LLP, 300 Rabro Drive, Suite 135, Hauppauge, NY 11788 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,790 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS CONTAINING A COMBINATION OF A PHARMACEUTICAL AGENT OR A COSMETIC AGENT AND AN OXY GROUP-BEARING AROMATIC ALDEHYDE

• COMPOSITIONS CONTENANT UN MELANGE D'UN AGENT PHARMACEUTIQUE OU D'UN AGENT COSMETIQUE ET D'UN ALDEHYDE AROMATIQUE DE SUPPORT DE GROUPE OXY

(71) CUTANIX CORPORATION [US/US]; 5150 EL Camino Real, Suite B-18, Los Altos, CA 94022 (US).

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(72, 75) ENGLER, Charles R. [US/US]; 5 Wintercreek, Portola Valley, CA 94028 (US). FULLER, Bryan [US/US]; 705 Heatherstone Road, Edmond, OK 73104 (US). PILCHER, Brian Keith [US/US]; 3709 Equestrian Court, Edmond, OK 73034 (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 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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(25) en (26) en

(30) 10/441,639 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPOSABLE ABSORBENT ARTICLE WITH ELASTICIZED SIDE PANELS, AND METHOD OF MAKING THE SAME

• ARTICLE ABSORBANT JETABLE A VOLETS LATÉRAUX ELASTICISES, ET SON PROCÉDE DE FABRICATION

(71) DSG TECHNOLOGY HOLDINGS LTD.; Craigmuir Chambers, P.O. Box 71, Road Town, Tortola (VG).

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

(72, 75) TSANG, Patrick [GB/GB]; The Chase, Greenaway Lane, Matlock, Derbyshire DE4 2QB (GB). SMID, Anne [NL/GB]; Margrietsstraat 21, NL-847 IRC Wolvega (NL). WRIGHT, Andrew [GB/GB]; 5 Warren Close, Pilsley, Chesterfield, Derbyshire S45 8ES (GB).

(74) PRICE, Nigel, John, King; 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 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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(30) 03011325.2 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VOLATILE MATERIAL-CONTAINING SANITARY ABSORBENT ARTICLE WITH BARRIER PACKAGE

• ARTICLE HYGIENIQUE ABSORBANT CONTENANT UNE SUBSTANCE VOLATILE, COMPRENANT UN EMBALLAGE IMPERMEABLE AUX LIQUIDES ET AUX VAPEURS

(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) GUERRESCHI, Lisa [IT/IT]; Via Garibaldi 25, Sospiro, I-26048 Cremona (IT). SIERRI, Giancarlo [IT/IT]; Via Giovi 9, I-65105 Montesilvano (IT). MASSACESI, Ettore [IT/IT]; Via Fortore 8/10, Montesilvano, I-65016 Pescara (IT). PARTENZA, Vincenzo [IT/IT]; Via Salita Municipio Vecchio 4, Elice, I-65010 Pescara (IT). CARLUCCI, Giovanni [IT/IT]; Via A. Fieramosca 118, I-66100 Chieti (IT).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 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 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 A61F 13/15, B41J 3/54

(11) WO 2004/103236 (13) A1

(21) PCT/US2004/015790

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/441,522 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF INKJET PRINTING IN HIGH EFFICIENCY PRODUCTION OF HYGIENIC ARTICLES

• PROCÉDE D'IMPRESSION A JET D'ENCRE DANS UNE PRODUCTION D'ARTICLES HYGIENIQUES A RENDEMENT ELEVE

(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) SALACZ, Philipp, Oskar, Imre [DE/DE]; Eugen-Grimminger Strasse 6, 74564 Baden-Wurtemberg (DE).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 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 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).

Published / Publiée : (c)

(51)⁷ A61F 13/42

(11) WO 2004/103237 (13) A1

(21) PCT/US2004/009727

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/442,004 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WEARABLE ARTICLE HAVING A HUMIDITY MONITORING SYSTEM

• VETEMENT COMPRENANT UN SYSTEME DE SURVEILLANCE D'HUMIDITE

(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) WILHELM, Hoa La [US/US]; 22 Lamplighter Court, Appleton, WI 54914 (US). WANG, James, Hongxue [US/US];

- 1325 East Overland Road, Appleton, WI 54911 (US).
- (74) RAUCH, Melanie, I. et al. / etc.; Pauley Petersen & Erickson, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 13/496, 13/532, 13/537, 13/539
- (11) WO 2004/103238 (13) A1
- (21) PCT/JP2004/006960
- (22) 21 May/mai 2004 (21.05.2004)
- (25) ja (26) ja
- (30) 2003-144764 22 May/mai 2003 JP (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DISPOSABLE PANTS TYPE WEARING ARTICLE
• ARTICLE VESTIMENTAIRE DE TYPE CULOTTE JETABLE
- (71) UNI-CHARM CO., LTD. [JP/JP]; 182, Shimobun, Kinsei-cho, Shikokuchuo-shi, Ehime 7990111 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KINOSHITA, Akiyoshi [JP/JP]; c/o Technical Center, UNI-CHARM CO., LTD., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). ONO, Yoshio [JP/JP]; c/o Technical Center, UNI-CHARM CO., LTD., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). TSUJI, Tomoko [JP/JP]; c/o Technical Center, UNI-CHARM CO., LTD., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP). YAGI, Akiko [JP/JP]; c/o Technical Center, UNI-CHARM CO., LTD., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 7691602 (JP).
- (74) SHIRAHAMA, Yoshiharu et al. / etc.; Toranomon Ohtori Bldg., 4-3, 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 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 A61G
- (11) WO 2004/103240 (13) A2
- (21) PCT/US2004/015034
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/437,282 14 May/mai 2003 US (14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ALTERNATING PRESSURE CUSHION
• COUSSIN A GONFLEMENT ALTERNANT
- (71, 72) HAMPTON, Donna, N. [US/US]; 1450 Indian Place, Murfreesboro, TN 37129 (US). SHAW, William, C. [US/US]; 5116 Jacobs Hollow Road, Readyville, TN 37149 (US).
- (74) LITMAN, Richard, C. et al. / etc.; Litman Law Offices, LTD., P.O. Box 15035, Crystal City Station, Arlington, VA 22215 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61G 5/02
- (11) WO 2004/103241 (13) A1
- (21) PCT/JP2004/007214
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-142561 20 May/mai 2003 JP (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WHEELCHAIR, WHEEL FOR WHEELCHAIR, AND METHOD OF PRODUCING WHEEL FOR WHEELCHAIR
• CHAISE ROULANTE, ROUE POUR CHAISE ROULANTE, ET PROCEDE DE FABRICATION DE ROUE POUR CHAISE ROULANTE
- (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) MATSUDA, Yasushi [JP/JP]; c/o KAWAMURA GISHI CO., LTD., 12-1, Goryo 1-chome, Daito-shi, Osaka, 5740064 (JP). YASUI, Tadashi [JP/JP]; c/o KAWAMURA GISHI CO., LTD., 12-1, Goryo 1-chome, Daito-shi, Osaka, 5740064 (JP). HOSHIDE, Kaoru [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP). OGATA, Takashi [JP/JP]; c/o THK CO., LTD., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP).
- (74) KOTANI, Etsuji; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 5300005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 A61G 7/053, A47C 21/00
- (11) WO 2004/103242 (13) A1
- (21) PCT/AU2004/000684
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en

(30) 2003902514 **22 May/mai 2003** AU
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PATIENT HAND SUPPORT AID FOR
BED
• SUPPORT DE MAIN POUR LIT DE MA-
LADE

(71, 72) WHELAN, Mary [AU/AU]; 5 Wood-
stock Road, Mount Waverley, VIC 3149
(AU).

(74) A TATLOCK & ASSOCIATES; PO Box
155, Carlton South, VIC 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ A61H 1/00

(11) WO 2004/103243 (13) A2

(21) PCT/FR2004/000909

(22) 14 Apr/avr 2004 (14.04.2004)

(25) fr (26) fr

(30) 03/06077 **21 May/mai 2003** FR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GYM TABLE FOR NATURAL ELON-
GATION AND BUILDING UP THE
MUSCLES OF THE BACK

• TABLE DE GYMNASTIQUE POUR
ELONGATION NATURELLE ET MUS-
CULATION DU DOS

(71, 72) ZEPPELLINI, Dino [FR/FR]; 62, allée
Guy Mocquet, F-94170 Le Perreux Sur Marne
(FR).

(74) BURTIN, Jean-François; CABINET AR-
GOS INNOVATION & ASSOCIES, 55, rue
Aristide Briand, F-93300 Levallois Perret
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 A61H 1/02, A61B 5/11

(11) WO 2004/103244 (13) A1

(21) PCT/JP2004/006940

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145425 **22 May/mai 2003** JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD OF APPLYING
SKIN SENSORY STIMULATION

• DISPOSITIF ET PROCEDE DE STIMU-
LATION SENSORIELLE DE LA PEAU

(71) HOKKAIDO TECHNOLOGY LICENS-
ING OFFICE CO., LTD. [JP/JP]; 8-1, Kita
7 Jou Nishi 2-Chome, Kita-Ku, Sapporo-Shi,
Hokkaido, 0600807 (JP). TOKAI UNIVER-
SITY EDUCATIONAL SYSTEM [JP/JP];
2-28-4, Tomigaya, Shibuya-Ku, Tokyo,
1510063 (JP). KYOWA ELECTRONIC
INSTRUMENTS CO., LTD. [JP/JP]; 5-1,
Chofugaoka, 3-Chome, Chofu-Shi, Tokyo,
1820021 (JP).

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

(72, 75) TANAKA, Toshiaki [JP/JP]; c/o Sap-
poro Medical University, Minami 3 Jou
Nishi 17-Chome, Sapporo-Shi, Chuo-Ku,
Hokkaido, 0608556 (JP). IZUMI, Takashi
[JP/JP]; c/o Hokkaido Tokai University, 1-1,
Minamisawa 5 Jou 1-Chome, Sapporo-Shi,
Minami-Ku, Hokkaido, 0058601 (JP). TSU-
RUGA, Takeshi [JP/JP]; c/o Hokkaido
Institute of Technology, 4-1, Maeda 7
Jou, 15-Chome, Sapporo-Shi, Teine-Ku,
Hokkaido, 0068585 (JP). OMURA, Akinori
[JP/JP]; c/o KYOWA ELECTRONIC IN-
STRUMENTS CO., LTD., 5-1, Chofugaoka,
3-Chome, Chofu-Shi, Tokyo, 1820021 (JP).

(74) MASHIKO, Naomichi; 2-12-406,
Hayabusacho, Chiyoda-Ku Tokyo, 1020092
(JP).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61H 1/02

(11) WO 2004/103245 (13) A1

(21) PCT/YU2003/000003

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPINE STRETCHING DEVICE

• DISPOSITIF D'ETIREMENT DE LA CO-
LONNE VERTEBRALE

(71, 72) PENOV, Tomislav, MUO, B.B.
[YU/YU]; 85330 Kotor, Yugoslavia (YU).

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

(51)⁷ A61H 3/00

(11) WO 2004/103246 (13) A1

(21) PCT/JP2004/003402

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-143494 **21 May/mai 2003** JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WALKING AID DEVICE

• DISPOSITIF D'AIDE A LA MARCHE

(71) WACOAL CORPORATION [JP/JP]; 29
Nakajima-cho, Kisshoin, Minami-ku Ky-
oto-shi Kyoto, 6018530 (JP). HONDA
MOTOR CO., LTD. [JP/JP]; 1-1 Mi-
nami-Aoyama 2-chome Minato-ku Tokyo,
1078556 (JP).

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

(72, 75) FUJII, Takako [JP/JP]; c/o WACOAL
CORPORATION 29 Nakajima-cho Kisshoin,
Minami-ku Kyoto-shi Kyoto, 6018530
(JP). KOYAMA, Yoshirou [JP/JP]; c/o
WACOAL CORPORATION 29 Naka-
jima-cho, Kisshoin, Minami-ku Kyoto-shi
Kyoto, 6018530 (JP). KATO, Hisashi
[JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu
Kenkyusho 4-1 Chuo 1-chome Wako-shi
Saitama, 3510193 (JP). HIRATA, Takashi
[JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu
Kenkyusho 4-1 Chuo 1-chome Wako-shi
Saitama, 3510193 (JP). KOYAMA, Taiji
[JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu
Kenkyusho 4-1 Chuo 1-chome Wako-shi
Saitama, 3510193 (JP).

(74) OSHIMA, Yoichi; IP Building, 2-20 Kanda-
Jimbocho, Chiyoda-ku, Tokyo 101-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 SJ SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ A61H 3/00

(11) WO 2004/103247 (13) A1

(21) PCT/JP2004/003404

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-143500 **21 May/mai 2003** JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WALKING AID DEVICE
• DISPOSITIF D'AIDE A LA MARCHE
- (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) KATO, Hisashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome, Wako-shi, Saitama, 3510193 (JP).
HIRATA, Takashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome, Wako-shi, Saitama, 3510193 (JP).
- (74) OSHIMA, Yoichi; IP Building, 2-20 Kanda-Jimbocho, Chiyoda-ku, Tokyo 101-0051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 A61H 3/00

(11) WO 2004/103248 (13) A1

(21) PCT/JP2004/003406

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-143495 21 May/mai 2003 JP (21.05.2003)

(30) 2003-312267 4 Sep/sep 2003 JP (04.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WALKING AID DEVICE

• DISPOSITIF D'AIDE A LA MARCHE

(71) WACOAL CORPORATION [JP/JP]; 29 Nakajima-cho, Kisshoin, Minami-ku Kyoto-shi Kyoto, 6018530 (JP). 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) FUJII, Takako [JP/JP]; c/o WACOAL CORPORATION 29 Nakajima-cho, Kisshoin, Minami-ku Kyoto-shi Kyoto, 6018530 (JP). KOYAMA, Yoshirou [JP/JP]; c/o WACOAL CORPORATION 29 Nakajima-cho|Kisshoin, Minami-ku Kyoto-shi Kyoto, 6018530 (JP). KATOH, Hisashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome Wako-shi Saitama, 3510193 (JP). HIRATA, Takashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome Wako-shi Saitama, 3510193 (JP). KOIKE, Akio [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome Wako-shi Saitama, 3510193 (JP). KOYAMA, Taiji [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome Wako-shi Saitama, 3510193 (JP).

(74) OSHIMA, Yoichi; IP Building, 2-20 Kanda-Jimbocho, Chiyoda-ku, Tokyo 101-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 A61H 3/00

(11) WO 2004/103249 (13) A1

(21) PCT/JP2004/003408

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-143509 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WALKING AID DEVICE

• DISPOSITIF D'AIDE A LA MARCHE

(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) KATO, Hisashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome, Wako-shi, Saitama, 3510193 (JP).
HIRATA, Takashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho 4-1 Chuo 1-chome, Wako-shi, Saitama, 3510193 (JP).

(74) OSHIMA, Yoichi; IP Building, 2-20, Kanda-jimbocho, Chiyoda-ku, Tokyo, 101-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 A61H 3/00

(11) WO 2004/103250 (13) A1

(21) PCT/JP2004/006828

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143506 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WALK ASSISTING DEVICE
• DISPOSITIF D'AIDE A LA MARCHE

(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) KATOH, Hisashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama, 3510193 (JP).
KOYAMA, Taiji [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama, 3510193 (JP).

(74) OSHIMA, Yoichi; IP Building, 2-20 Kanda-Jimbocho, Chiyoda-ku Tokyo, 1010051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 A61H 7/00, A47C 31/11

(11) WO 2004/103251 (13) A1

(21) PCT/JP2004/006281

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-148173 26 May/mai 2003 JP (26.05.2003)

(30) 2003-184464 27 Jun/juin 2003 JP (27.06.2003)

(30) 2003-331423 24 Sep/sep 2003 JP (24.09.2003)

(30) 2003-379329 10 Nov/nov 2003 JP (10.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHAIR-TYPE MASSAGE MACHINE, COVER FOR MASSAGE MACHINE, COVER FOR OTTOMAN, AND MASSAGE MACHINE

• MACHINE DE MASSAGE DE TYPE CHAISE, COUVERCLE DE MACHINE DE MASSAGE, COUVERCLE D'OTTOMAN, ET MACHINE DE MASSAGE

(71) FAMILY CO., LTD. [JP/JP]; 17-26, Higashinakajima 1-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka 5330033 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INADA, NichimuTAGO, Mitsunori-WATANABE, Shiro

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office, 3rd. Fl., Bo-eki Bldg., 123-1, Higashimachi, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 A61H 33/00, 33/06

(11) WO 2004/103252 (13) A1

(21) PCT/JP2004/007213

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142666 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SAUNA ROOM
• SALLE DE SAUNA

(71) YAMADA DENSO SERVICE SHA CO.,
LTD. [JP/JP]; 7-3, Babayamamidori, Ya-
hatanishi-ku, Kitakyushu-shi, Fukuoka
807-1133 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) YATOMI, Yoshiaki [JP/JP]; 1-32-106,
Kamifujimatsu 2-chome, Moji-ku, Ki-
takyushu-shi, Fukuoka 800-0044 (JP).

(72, 75) YAMADA, Hajime [JP/JP]; c/o Yamada
Denso Service, Sha Co., Ltd., 7-3, Babaya-
mamidori, Yahatanishi-ku, Kitakyushu-shi,
Fukuoka 807-1133 (JP).

(74) ENOMOTO, Ichiro; Room 405, Koku-
rakosan 14-gokan, 2-39, Asano 1-chome,
Kokurakita-ku, Kitakyushu-shi, Fukuoka
802-0001 (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 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 A61J

(11) WO 2004/103253 (13) A2

(21) PCT/US2004/014579

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 60/471,280 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPOSABLE SNACK OR MEDICINE
DOSE FOR INFANTS

• DOSE DE MEDICAMENT OU
D'EN-CAS JETABLE POUR BEBE

(71, 72) DINIACO, Philip, M. [US/US]; 233
William Drive, Canonsburg, PA 15317 (US).

(74) KRAYER, William, L.; 1771 Helen Drive,
Pittsburgh, PA 15216 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61J

(11) WO 2004/103254 (13) A2

(21) PCT/US2004/014812

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/439,051 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPACT STRUCTURE FOR AUTO-
MATICALLY FILLING SOLID PHAR-
MACEUTICAL PRODUCT PACKAGES
• STRUCTURE COMPACTE POUR LE
REMPLISSAGE AUTOMATIQUE
D'EMBALLAGES DE PRODUITS
PHARMACEUTIQUES SOLIDES

(71) MEDICAL TECHNOLOGY SYSTEMS,
INC. [US/US]; Todd Siegel, 12920 Autom-
obile Blvd., Clearwater, 10 33762 (US).

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

(72, 75) PETERSON, Raymond [US/US]; c/o
Medical Technology Systems, Inc., 12920
Automobile Blvd., Clearwater, 10 33762
(US).

(74) DEPKE, Robert; Holland & Knight LLP,
131 S. Dearborn Street, 30th Floor, 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 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 A61J

(11) WO 2004/103255 (13) A2

(21) PCT/US2004/016124

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,064 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHILD RESISTANT BLISTER PACK-
AGES UTILIZING WALLED STRUC-
TURES ENCLOSING MEDICAMENT
THEREIN

• PLAQUETTES ALVEOLAIRES DE SE-
CURITE POUR ENFANTS UTILISANT
DES STRUCTURES A PAROIS REN-
FERMANT UN MEDICAMENT

(71) SMITHKLINE BEECHAM CORPO-
RATION [US/US]; One Franklin Plaza,
Philadelphia, PA 19101 (US).

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

(72, 75) KILLINGER, Fred, Mieras [US/US];
c/o GlaxoSmithKline, Five Moore Drive, PO
Box 13398, Research Triangle Park, North
Carolina 27709 (US).

(74) LEVY, David, J. et al. / etc.; GlaxoSmithK-
line, Corporate Intellectual Property Dept.,
Five Moore Drive, PO Box 13398, Research
Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61J 1/20

(11) WO 2004/103256 (13) A1

(21) PCT/US2003/002228

(22) 24 Jan/jan 2003 (24.01.2003)

(25) en (26) en

(30) 10/059,497 29 Jan/jan 2002 US
(29.01.2002)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED TRANSFER SET
• DISPOSITIF DE TRANSFERT AME-
LIORE

(71) BECTON, DICKINSON AND COM-
PANY [US/US]; 1 Becton Drive, Franklin
Lakes, NJ 07417-1880 (US).

(72) THIBAUT, Jean-Claude; 18, rue de
Cuvilleux, F-38120 Saint-Egrève (FR).
JANSEN, Hubert; 197, chemin de la
Blanchetière, F-38560 Jarrie (FR). BINT,
Stephen; 5 Chapel Corner, Hullavington
Chippenham, Wilts SN14 6RT (GB).

(74) FORTUNATO, David, M.; Becton, Dickin-
son and Company, 1 Becton Drive, Franklin
Lakes, NJ 07417-1880 (US).

(81) AE AG AL 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61J 7/00
- (11) WO 2004/103257 (13) A1
- (21) PCT/JP2003/006286
- (22) 20 May/mai 2003 (20.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • NIPPLE DEVICE
• DISPOSITIF DE TETINE
- (71) COMBI CORPORATION [JP/JP]; 6-7,
Moto-asakusa 2-chome, Taito-ku, Tokyo
111-0041 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) INOUE, Masaharu [JP/JP]; c/o Mi-
nami-urawa techno-center, Combi Cor-
poration, 36-18, Minami-urawa 3-chome,
Minami-ku, Saitama-shi, Saitama 336-0017
(JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa
Patent & Law Office, Room 323, Fuji Bldg.,
2-3, Marunouchi 3-chome, Chiyoda-ku,
Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61J 11/00, 17/00, 19/00
- (11) WO 2004/103258 (13) A1
- (21) PCT/JP2004/005628
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) ja (26) ja
- (30) PCT/JP03/06286 20 May/mai 2003 JP
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • NIPPLE DEVICE
• DISPOSITIF DE MAMELON
- (71) COMBI CORPORATION [JP/JP]; 6-7,
Moto-asakusa 2-chome, Taito-ku, Tokyo,
1110041 (JP).

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

- (72, 75) INOUE, Masaharu [JP/JP]; c/o Mi-
nami-urawa techno-center, Combi Cor-
poration, 36-18, Minami-urawa 3-chome,
Minami-ku, Saitama-shi, Saitama, 3360017
(JP). TAKAMIZU, Nobuaki [JP/JP]; c/o
Minami-urawa techno-center, Combi Cor-
poration, 36-18, Minami-urawa 3-chome,
Minami-ku, Saitama-shi, Saitama, 3360017
(JP). KAN, Tatsuhiko [JP/JP]; c/o Combi
Corporation, 2-39, Nishibori 5-chome,
Sakura-ku, Saitama-shi, Saitama, 3380832
(JP). BUKAWA, Wakoto [JP/JP]; c/o Combi
Corporation, 2-39, Nishibori 5-chome,
Sakura-ku, Saitama-shi, Saitama, 3380832
(JP). WATANABE, Takumi [JP/JP]; c/o
Combi Corporation, 2-39, Nishibori 5-chome,
Sakura-ku, Saitama-shi, Saitama, 3380832
(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 A61J 15/00, A61M 39/10, F16L 33/24
- (11) WO 2004/103259 (13) A2
- (21) PCT/US2004/015541
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 10/440,009 16 May/mai 2003 US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MEDICAL CATHETER ASSEMBLY
INCLUDING MULTI-PIECE CONNec-
TOR
• ENSEMBLE CATHETER MEDICAL
COMPRENANT UN CONNECTEUR
EN PLUSIEURS PIÈCES
- (71) SCIMED LIFE SYSTEMS, INC. [US/US];
One Scimed Place, Maple Grove, MN 55311-
1566 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72) LI, Changqing; 1058 Forestview Drive,
Ellettsville, IN 47429 (US). WOOD, Gary;
PR 4 Box 137, Spencer, IN 47460 (US).
SUNDHEIMER, Herbert, Alan; 349
Poplar Drive, Ellettsville, IN 47429 (US).
BOUPHAVICHITH, Laddvanh; 34 Scan-
dinavia Avenue, Worcester, MA 01603 (US).
WESTSTRATE, Patrice, A.; 42 North
Street, Norwood, MA 02062 (US). BREN-
NER, Laurence, D.; 34 John Edward Drive,
Northborough, MA 01532 (US).

- (74) KRIEGSMAN, Edward, M. et al. / etc.;
Kriegsman & Kriegsman, 665 Franklin Street,
Framingham, MA 01702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61K
- (11) WO 2004/103260 (13) A2
- (21) PCT/BR2004/000073
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) PI0301968-3 22 May/mai 2003 BR
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • TERNARY AND QUATERNARY EU-
TECTIC MIXTURES CONSTITUTED
BY LOCAL ANESTHETIC SUB-
STANCES, THEIR USE TO PREPARE
PHARMACEUTICAL COMPOSITIONS
AND THEIR USE IN TOPICAL ANES-
THESIA AND ANALGESIA.
• MELANGES EUTECTIQUES TER-
NAIRES ET QUATERNAIRES CONSTI-
TUES DE SUBSTANCES ANESTHE-
SIQUES LOCALES, LEUR UTILISA-
TION POUR PREPARER DES COM-
POSITIONS PHARMACEUTIQUES
ET LEUR UTILISATION A DES FINS
D'ANESTHESIE ET D'ANALGESIE
LOCALES
- (71) CRISTÁLIA PRODUTOS QUÍMICOS
FARMACÊUTICOS LTDA. [BR/BR]; 363
PAOLETTI AV., 13970-000 ITAPIRA (BR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) PACHECO, Ogari [BR/BR]; 109 DOM
PEDRO I ST., 13970-000 ITAPIRA (BR).
RUSSO, Elisa [BR/BR]; 118 DOS IPÊS ST.,
13970-000 ITAPIRA (BR). RUSSO, Valter
[BR/BR]; 118 DOS IPÊS ST., 13970-000
ITAPIRA (BR). MARTINS, José Antônio
[BR/BR]; 81 IPIRANGA AV., 13970-000
ITAPIRA (BR).
- (74) LLC INFO CONNECTION LTDA.; 5555
DOM HÉLDER CÂMARA AV., RM 312,
20771-001 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 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 A61K
(11) WO 2004/103261 (13) A2
(21) PCT/FR2004/001243
(22) 19 May/mai 2004 (19.05.2004)
(25) fr (26) fr
(30) 03/06069 20 May/mai 2003 FR (20.05.2003)
(30) 03/08297 7 Jul/juil 2003 FR (07.07.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • PHARMACEUTICAL AND/OR COSMETIC CARE PRODUCT, SUCH AS A MASK
• PRODUIT DE SOIN COSMETIQUE ET/OU PHARMACEUTIQUE TEL QU'UN MASQUE
(71) CHAGNAUD, Francis [FR/FR]; 18bis, avenue de l'Île de Migneaux, F-78300 Poissy (FR). CHAGNAUD, Alexandre [FR/FR]; 18bis, avenue de l'Île de Migneaux, F-78300 Poissy (FR).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) CHAGNAUD, Anna [FR/FR]; 18bis, avenue de l'Île de Migneaux, F-78300 Poissy (FR).
(74) FOSSE, Danièle; Cabinet Brema, 78, avenue Raymond Poincaré, F-75116 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 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 A61K
(11) WO 2004/103263 (13) A2
(21) PCT/IL2004/000442
(22) 23 May/mai 2004 (23.05.2004)
(25) en (26) en
(30) 60/472,410 22 May/mai 2003 US (22.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • DOPAMINE AND AGONISTS AND ANTAGONISTS THEREOF FOR TREATMENT OF NEURODEGENERATIVE DISEASES
• DOPAMINE ET SES AGONISTES ET ANTAGONISTES PERMETTANT DE TRAITER DES MALADIES NEURODEGENERATIVES
(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; at the Weizmann Institute of Science, P.O. BOX 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) EISENBACH-SCHWARTZ, Michal [IL/IL]; 5 Rupin Street, 76353 Rehovot (IL). KIPNIS, Jonathan [IL/IL]; 3/1 Nahar Hayarden Street, 71700 Modiin (IL).
(74) BEN-AMI, Paulina; Ben-Ami & Associates, P.O. BOX 94, 76100 Rehovot (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K
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(22) 23 May/mai 2004 (23.05.2004)
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(30) 60/472,415 22 May/mai 2003 US (22.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • DOPAMINE AND AGONISTS AND ANTAGONISTS THEREOF FOR MODULATION OF SUPPRESSIVE ACTIVITY OF CD4+CD25+ REGULATORY T CELLS
• DOPAMINE ET SES AGONISTES ET ANTAGONISTES POUR MODULER L'ACTIVITE SUPPRESSIVE DE LYMPHOCYTES T REGULATEURS DE CD4+CD25+
(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; at the Weizmann Institute of Science, P.O. BOX 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) EISENBACH-SCHWARTZ, Michal [IL/IL]; 5 Rupin Street, 76353 Rehovot (IL). KIPNIS, Jonathan [IL/IL]; 3/1 Nahar Hayarden Street, 71700 Modiin (IL).
(74) BEN-AMI, Paulina; Ben-Ami & Associates, P.O. BOX 94, 76100 Rehovot (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 03136535.3 22 May/mai 2003 CN (22.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • HEMOSTATIC ANTIBACTERIAL COMPOSITION AND PRODUCTS INCORPORATING THE SAME
• COMPOSITION ANTIBACTERIENNE HEMOSTATIQUE ET PRODUITS CONTENANT CETTE COMPOSITION
(71) JOHNSON & JOHNSON LIMITED [IN/IN]; 30 Forjett Street, Mumbai 400 036, Maharashtra (IN).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) THOMAS, Mini [IN/IN]; Johnson & Johnson limited, LBS Marg, Mulund, Mumbai 400 080, Maharashtra (IN). MANKE, Ajit, Sitaram [IN/IN]; Johnson & Johnson Limited, LBS Marg, Mulund, Mumbai 400 080, Maharashtra (IN). KHAJAT, Alain [FR/SG]; Johnson & Johnson Pte Limited, 8 Temasek Boulevard, 29-01 Suntec Tower, 3, Singapore 038988 (SG). HART, William [US/US]; Johnson & Johnson Consumer Products Worldwide, 199 Grandview Road, Skillman, NJ 08558-9418 (US).
(74) BHATTACHARYA, R., P. et al. / etc.; DePenning & DePenning, 31 South Bank Road, Chennai 600 028, Tamil Nadu (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 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 A61K
(11) WO 2004/103265 (13) A2
(21) PCT/KR2004/001247
(22) 27 May/mai 2004 (27.05.2004)
(25) ko (26) en
(30) 10-2003-0033356 26 May/mai 2003 KR (26.05.2003)
(30) 10-2003-0075004 27 Oct/oct 2003 KR (27.10.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • WHITENING AND ANTIOXIDATIVE COSMETIC COMPOSITION CONTAINING RESVERATROL AND METHOD FOR PREPARING THE SAME

- COMPOSITION COSMETIQUE DE BLANCHIMENT ET ANTIOXYDANTE RENFERMANT DU RESVERATROL ET PROCEDE DE PREPARATION DE CELLE-CI
- (71) ENPRANI CO., LTD. [KR/KR]; 441 Jung-nim-dong, Jung-gu, Seoul 100-859 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Hyo-Jung [KR/KR]; Yongmun-dong 38-98, Yongsan-gu, Seoul 140-832 (KR). JUNG, Sung-Won [KR/KR]; Seonhak-dong 372-10, Yeonsu-gu, Incheon 406-807 (KR). KIM, Hyuk [KR/KR]; Kunyoung Apt 201-701, Jeongwang-dong 1875-5, Siheung-si 429-755 (KR). KIM, Suk-Jae [KR/KR]; 203, Samjeon-dong 125-2, Songpa-gu, Seoul 138-840 (KR). LEE, Joo-Dong [KR/KR]; Hyundai Apt. 722-1101 Yeongtong-dong, Yeongtong-gu, Suwon-si 443-470 (KR). RYOO, Hee-Chang [KR/KR]; Shinsigagi Apt. 523-204 Mok-dong 913, Yangcheon-gu, Seoul 158-05 (KR). KWON, Ae-Young [KR/KR]; Sungui-dong 183-1, Nam-gu, Incheon 402-010 (KR). JO, Mi-Ra [KR/KR]; Yonghyeon 2-dong 173-14, Nam-gu, Incheon 402-02 (KR).
- (74) CHO, In-Jae; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 SJ 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 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 A61K
- (11) WO 2004/103266 (13) A2
- (21) PCT/US2003/016070
- (22) 16 May/mai 2003 (16.05.2003)
- (25) en (26) en
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROTEIN KINASE C PEPTIDES FOR USE IN WITHDRAWAL
• PEPTIDES DE PROTEINE KINASE C UTILISES POUR LE SEVRAGE
- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; Stanford, CA 94305 (US).
- (72) MOCHLY-ROSEN, Daria; 825 Harvard Avenue, Menlo Park, CA 94025 (US). KENDIG, Joan, J.; 1366 Bent Drive, Campbell, CA 95008 (US). SWEITZER, Sarah, M.; 36 Santa Paula Way, Vallejo, CA 94590 (US).
- (74) MOHR, Judy, M. et al. / etc.; Perkins Coie LLP, P.O. Box 2168, Menlo Park, CA 94026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/103268 (13) A2
- (21) PCT/US2003/031584
- (22) 2 Oct/oct 2003 (02.10.2003)
- (25) en (26) en
- (30) 10/440,289 15 May/mai 2003 US (15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INTRACELLULAR PRODUCTION OF SPECIFIC RNA MOLECULES BY SPLICING
- PRODUCTION INTRACELLULAIRE DE MOLECULES D'ARN SPECIFIQUES PAR EPISSAGE
- (71, 72) LIN, Shi-Lung [US/US]; 731 S. Chapel Avenue #F, Alhambra, CA 91801 (US). JI, Henry, H. [US/US]; 5370 Ruelle De Mer, San Diego, CA 92130 (US). YING, Shao-Yao [US/US]; 1953 Wellesley Road, San Marino, CA 91108 (US).
- (74) CHAN, Raymond, Y.; David and Raymond Patent Group, 108 N. Ynez Ave., Suite 128, Monterey Park, CA 91754 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 2004/103269 (13) A2
- (21) PCT/US2003/033056
- (22) 17 Oct/oct 2003 (17.10.2003)
- (25) en (26) en
- (30) 60/419,401 18 Oct/oct 2002 US (18.10.2002)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHODS AND COMPOSITIONS FOR VACCINATION COMPRISING NUCLEIC ACID AND/OR POLYPEPTIDE SEQUENCES OF THE GENUS BORRELIA
• PROCEDES ET COMPOSITIONS POUR LA VACCINATION COMPRENANT DES SEQUENCES NUCLEOTIDIQUES ET/OU POLYPEPTIDIQUES DU GENRE BORRELIA
- (63) US 60/419,401 (CON) 18 Oct/oct 2002 (18.10.2002)
- (71) MACROGENICS, INC. [US/US]; 1500 East Gude Drive, Rockville, MD 20850 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US). SYKES, Kathryn, F. [US/US]; 10519 Les Jardins, Dallas, TX 75229 (US). HALE, Katherine, S. [US/US]; P.O. Box 35913, Dallas, TX 75235 (US). JOHNSTON, Stephen, A. [US/US]; 10519 Les Jardins, Dallas, TX 75229 (US).
- (74) WILSON, Mark, B.; Fulbright & Jaworski L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC 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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(11) WO 2004/103270 (13) A2

(21) PCT/US2004/010349

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,910 2 Apr/avr 2003 US
(02.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOUNDS AND METHODS FOR
TREATMENT OF THROMBOSIS

• COMPOSES ET PROCEDES DESTINES
AU TRAITEMENT DE LA THROM-
BOSE

(71) SUNTORY PHARMACEUTICAL
RESEARCH LABORATORIES LLC
[US/US]; One Kendall Square, Building 700,
Cambridge, MA 02139 (US).

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

(72, 75) ABDEL-MEGUID, Sherin, S. [—/US];
Exton, PA (US). BABINE, Robert, E.
[—/US]; Franklin, MA (US). DENG,
Hongfeng [—/US]; Acton, MA (US). JIN,
Lei [—/US]; Wellesley, MA (US). LIN,
Jian [—/US]; Walpole, MA (US). MAGEE,
Scott, R. [—/US]; Medford, MA (US).
MEYERS, Harold, V. [—/US]; Weston,
MA (US). PANDEY, Pramod [—/US]; Can-
ton, MA (US). RYNKIEWICZ, Michael,
J. [—/US]; Boston, MA (US). WEAVER,
David, T. [—/US]; Newton, MA (US).

(74) CLARK, Paul, T.; Clark & Elbing LLP, 101
Federal Street, Boston, MA 02110 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/103271 (13) A2

(21) PCT/US2004/011921

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,068 18 Apr/avr 2003 US
(18.04.2003)

(30) 10/419,066 18 Apr/avr 2003 US
(18.04.2003)

(30) 10/418,727 18 Apr/avr 2003 US
(18.04.2003)

(30) 10/418,747 18 Apr/avr 2003 US
(18.04.2003)

(30) 60/527,001 5 Dec/déc 2003 US
(05.12.2003)

(30) 10/748,831 30 Dec/déc 2003 US
(30.12.2003)

(30) 10/749,122 30 Dec/déc 2003 US
(30.12.2003)

(30) 10/749,118 30 Dec/déc 2003 US
(30.12.2003)

(30) 10/748,450 30 Dec/déc 2003 US
(30.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISEASE PREVENTION AND VACCI-
NATION PRIOR TO THYMIC REACTI-
VATIONS

• PREVENTION DE MALADIES ET
VACCINATION AVANT REACTIVA-
TION THYMIQUE

(71) NORWOOD IMMUNOLOGY, LTD.
[AU/AU]; 63 Wells Road, Chelsea Heights,
3196 Victoria (AU).

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

(72, 75) GOLDBERG, Gabrielle, Lianne
[AU/AU]; 10 Williamsby Ave, Brighton,
3186 Victoria (AU). SUTHERLAND,
Jayne, Suzanne [AU/AU]; 172 Dow
Street, Port Melbourne, 3207 Victoria (AU).
CHIDGEY, Ann, Patricia [AU/AU]; 274
Beach Road, Black Rock, 3193 Victoria
(AU). BOYD, Richard [AU/AU]; 60 Linacre
Road, Hampton, 3188 Victoria (AU).

(74) KERNER, PH., D., Ann-Louise et al. / etc.;
Wilmer Cutler Pickering Hale and Dorr LLP,
60 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 A61K

(11) WO 2004/103272 (13) A2

(21) PCT/US2004/013314

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,739 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED CYTOTOXIC AGENTS
COMPRISING NEW MAYTANSINOIDS

• AGENTS CYTOTOXIQUES AME-
LIORES CONTENANT DE NOU-
VEAUX MAYTANSINOIDES

(71) IMMUNOGEN, INC. [US/US]; 128 Sidney
Street, Cambridge, MA 02139-4239 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WIDDISON, Wayne, C. [US/US]; 72
Cedar Street, Somerville, MA 02143 (US).
CHARI, Ravi, V., J. [US/US]; 174 Winches-
ter Street, Newton, MA 02461 (US).

(74) MACK, Susan, J. et al. / etc.; Sughrue Mion,
PLLC, 2100 Pennsylvania Ave., NW, Suite
800, Washington, DC 20037-3213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61K

(11) WO 2004/103273 (13) A2

(21) PCT/US2004/013723

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/428,377 1 May/mai 2003 US
(01.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INVERSE AGONIST AND AGONIST
PEPTIDES THAT STIMULATE/IN-
HIBIT HAIR GROWTH

• PEPTIDES AGONISTES ET AGO-
NISTES INVERSES QUI STI-
MULENT/INHIBENT LA POUSSE DES
POILS

(71) WSMR BIOSCIENCES [US/US]; 4218
Waialae Avenue, Suite 106, Honolulu, HI
96816 (US).

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

(72, 75) SKINNER, Keith, K. [US/US]; 4218
Waialae Avenue, Suite 106, Honolulu, HI
96816 (US).

(74) MULLEN, James, J., III 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 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 **A61K**
(11) **WO 2004/103274** (13) **A2**
(21) PCT/US2004/014004
(22) **5 May/mai 2004 (05.05.2004)**
(25) en (26) en
(30) 10/438,213 **15 May/mai 2003** US
(15.05.2003)
(30) 10/704,237 **6 Nov/nov 2003** US
(06.11.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHODS AND COMPOSITIONS USING IMMUNOMODULATORY COMPOUNDS FOR TREATMENT AND MANAGEMENT OF CANCERS AND OTHER DISEASES
• PROCEDES ET COMPOSITIONS FAISANT INTERVENIR DES COMPOSES IMMUNOMODULATEURS POUR LE TRAITEMENT ET LA GESTION THERAPEUTIQUE DU CANCER ET AUTRES MALADIES
- (71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZELDIS, Jerome, B.** [US/US]; 157 Christopher Drive, Princeton, NJ 08540 (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 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 **A61K**
(11) **WO 2004/103275** (13) **A2**
(21) PCT/US2004/014254
(22) **7 May/mai 2004 (07.05.2004)**
(25) en (26) en
(30) 60/469,114 **9 May/mai 2003** US
(09.05.2003)
(30) 60/494,751 **13 Aug/août 2003** US
(13.08.2003)
(30) 60/495,076 **14 Aug/août 2003** US
(14.08.2003)
(30) 60/535,290 **8 Jan/jan 2004** US
(08.01.2004)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • COMPOSITIONS AND METHODS FOR THE PREPARATION OF HUMAN GROWTH HORMONE GLYCOSYLATION MUTANTS
• COMPOSITIONS ET PROCEDES POUR PREPARER DES MUTANTS DE GLYCOSYLATION DE L'HORMONE DE CROISSANCE HUMAINE
- (71) **NEOSE TECHNOLOGIES, INC.** [US/US]; 102 Witmer Road, Horsham, PA 19044 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **DEFREES, Shawn** [US/US]; 126 Filly Drive, North Wales, PA 19454 (US).
(only for / seulement pour US)
- (72, 75) **CLAUSEN, Henrik** [DK/DK]; Soe-brinken 6, DK-2840 Holte (DK).
- (74) **MANN, Jeffry, S.** et al. / etc.; Morgan, Lewis & Bockius, LLP, 3300 Hillview Avenue, Palo Alto, CA 94304-1203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K**
(11) **WO 2004/103276** (13) **A2**
(21) PCT/US2004/014642
(22) **10 May/mai 2004 (10.05.2004)**
(25) en (26) en
(30) 60/470,564 **14 May/mai 2003** US
(14.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • 3-AMINO-4-PHENYLBUTANOIC ACID DERIVATIVES AS DIPEPTIDYL PEPTIDASE INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES
• DERIVES D'ACIDE 3-AMINO-4-PHENYLBUTANOIQUE EN TANT QU'INHIBITEURS DE DIPEPTIDYL PEPTIDASE DANS LE CADRE DU TRAITEMENT OU DE LA PREVENTION DU DIABETE
- (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) **BIFTU, Tesfaye** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **FENG, Danqing, Dennis** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LIANG, Gui-Bai** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **QIAN, Xiaoxia** [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 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 **A61K**
(11) **WO 2004/103278** (13) **A2**
(21) PCT/US2004/014784
(22) **11 May/mai 2004 (11.05.2004)**
(25) en (26) en
(30) 60/471,033 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ACYL SULFONAMIDES AS INHIBITORS OF HIV INTEGRASE
• ACYLE SULFONAMIDES SERVANT D'INHIBITEURS D'INTEGRASE DU VIH

(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) WALKER, Michael, A. [US/US]; 76R Ivy Way, Durham, Connecticut 06422 (US). GULGEZE, Hatice Belgin [TR/TR]; 57 Sokak No=13 Daires=5, 35290 Guzelyali, Ismir (TR). BANVILLE, Jacques [CA/CA]; 1209 Girard, St-Hubert, Québec J4T 1H3 (CA). REMILLARD, Roger [CA/CA]; 13 des Cedres, Napierville, Québec J0L 1L0 (CA). CORSON, Donald [US/US]; 12 Windy Hill Road, Annandale, New Jersey 08801 (US).

(74) EPPERSON, James 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 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).

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 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)

(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 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 A61K

(11) WO 2004/103279 (13) A2

(21) PCT/US2004/014837

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,659 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • 3-(2-AMINO-1-AZACYCLYL)-5-ARYL-1,2,4-OXADIAZOLES AS S1P RECEPTOR AGONISTS
• 3-(2-AMINO-1-AZACYCLYL)-5-ARYL-1,2,4-OXADIAZOLES SERVANT D'AGONISTES DU RECEPTEUR S1P

(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) COLANDREA, Vincent, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). DOHERTY, George, A. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). HALE, Jeffrey, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). LYNCH, Christopher [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MILLS, Sander, G. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). NEWAY, William Edward, III [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). TOTH, Leslie [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 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 A61K

(11) WO 2004/103280 (13) A2

(21) PCT/US2004/014865

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/438,088 14 May/mai 2003 US (14.05.2003)

(30) Not furnished / non communiqué 6 May/mai 2004 US (06.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SEAWEED EXTRACT COMPOSITION FOR TREATMENT OF DIABETES AND DIABETIC COMPLICATIONS
• COMPOSITION D'EXTRAIT DE VARECH DESTINEE AU TRAITEMENT DU DIABETE ET DE COMPLICATIONS DU DIABETE

(71) ENDOMATRIX, INC. [US/US]; 100 B. Street, Suite 320, Santa Rosa, CA 95401 (US).

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

(72, 75) DANIELS, Bruce, Alan [US/US]; 1721 Coventry Lane, Oklahoma City, OK 73120 (US).

(74) KAMAREI, Ali; 280 Colorado Avenue, Palo Alto, CA 94301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K

(11) WO 2004/103281 (13) A2

(21) PCT/US2004/014871

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,210 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • VANILLOID RECEPTOR ANTAGONISTS, AND METHODS OF MAKING AND USING THEM
• ANTAGONISTES DE RECEPTEURS DE VANILLOIDES ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS

(71) GEORGETOWN UNIVERSITY [US/US]; 37th and O Streets, Northwest, Washington, DC 20057-1408 (US).

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

(72, 75) KOZIKOWSKI, Alan, P. [US/US]; 222 North Dayton Street, Chicago, IL 60614 (US). BLUMBERG, Peter, M. [US/US]; 4723-C Reels Mill Road, Frederick, MD 21704 (US).

(74) GORDON, Dana, M. et al. / etc.; Patent Group, Foley Hoag LLP, 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 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 A61K

(11) WO 2004/103282 (13) A2

(21) PCT/US2004/014958

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,294 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOUNDS, COMPOSITIONS AND METHODS

• COMPOSES, COMPOSITIONS ET PROCEDES

(71) CYTOKINETICS, INC. [US/US]; 280 East Grand Avenue, South San Francisco, California 94080 (US).

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

(72, 75) QIAN, Xiangping [CA/US]; 114 Mira Street, Foster City, California 94404 (US).
BERGNES, Gustave [US/US]; 74 Kathleen Court, Pacifica, California 94044 (US).
MORGANS, JR., David [US/US]; 781 Vista Grande Avenue, Los Altos, California 94024 (US).

(74) GARRETT, ARTHUR, S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett, & Dunner, L.L.P., 1300 I Street, NW, Washington, District of Columbia 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 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 A61K

(11) WO 2004/103283 (13) A2

(21) PCT/US2004/014983

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,359 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS OF A CYCLOOXYGENASE-2 SELECTIVE INHIBITOR AND A CENTRAL NERVOUS SYSTEM STIMULANT FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM DAMAGE

• COMPOSITIONS COMPRENANT UN INHIBITEUR SELECTIF DE CYCLOOXYGENASE-2 ET UN STIMULANT DE SYSTEME NERVEUX CENTRAL POUR LE TRAITEMENT D'UNE LESION DU SYSTEME NERVEUX CENTRAL

(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

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

(72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, CT 06340 (US).
TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).

(74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

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

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) WO 2004/103284 (13) A2

(21) PCT/US2004/014984

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,373 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS OF A BENZENE-SULFONAMIDE OR METHYLSULFONYLBENZENE CYCLOOXYGENASE-2 SELECTIVE INHIBITOR AND A CHOLINERGIC AGENT FOR THE TREATMENT OF REDUCED BLOOD FLOW OR TRAUMA TO THE CENTRAL NERVOUS SYSTEM

• COMPOSITIONS D'UN INHIBITEUR SELECTIF DE BENZENESULFONAMIDE OU DE METHYLSULFONYLBENZENE CYCLOOXYGENASE-2 ET AGENT CHOLINERGIQUE POUR LE TRAITEMENT D'UN ECOULEMENT SANGUIN REDUIT OU D'UN TRAUMATISME DU SYSTEME NERVEUX CENTRAL

(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 700 Chesterfield Parkway West, Chesterfield, Missouri 63017-1732 (US).

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

(72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, CT 06340 (US).
TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).
ARNERIC, Stephen, P. [US/US]; 3498 Whistling Lane, Portage, MI 49024 (US).

(74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

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

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) WO 2004/103285 (13) A2

(21) PCT/US2004/014985

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,549 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LACTOFERRIN IN THE TREATMENT OF DIABETES MELLITUS

• LACTOFERRINE POUR TRAITEMENT DU DIABETE SUCRE

(71) AGENNIX INCORPORATED [US/US]; 8 Greenway Plaza, Suite 910, Houston, TX 77046 (US).

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

(72, 75) ENGELMAYER, Jose [MX/US]; 7315 Brompton, Apt. 250-B, Houston, TX 77025 (US).
VARADHACHARY, Atul [IN/US]; 4328 Lula Street, Houston, TX 77401 (US).

(74) ACOSTA, Melissa, W. et al. / etc.; Fulbright & Jaworski L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61K

(11) WO 2004/103286 (13) A2

(21) PCT/US2004/014987

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,352 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COMPOSITIONS OF A CYCLOOXY-
GENASE-2 SELECTIVE INHIBITOR
AND A CHOLINERGIC AGENT FOR
THE TREATMENT OF REDUCED
BLOOD FLOW OR TRAUMA TO THE
CENTRAL NERVOUS SYSTEM
• COMPOSITIONS COMPRENANT UN
INHIBITEUR SELECTIF DE LA CY-
CLOOXYGENASE-2 ET UN AGENT
CHOLINERGIQUE POUR LE TRAITE-
MENT DES REDUCTIONS DU DEBIT
SANGUIN OU DES TRAUMATISMES
AFFECTANT LE SYSTEME NERVEUX
CENTRAL

- (71) PHARMACIA CORPORATION
[US/US]; Global Patent Department, 700
Chesterfield Parkway West, Chesterfield,
MO 63017-1732 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) STEPHENSON, Diane, T. [US/US];
1527 North Road, Groton, CT 06340 (US).
TAYLOR, Duncan, P. [US/US]; 8722 West
F Avenue, Kalamazoo, MI 49009 (US).
ARNERIC, Stephen, P. [US/US]; 3498
Whistling Lane, Portage, MI 49024 (US).

- (74) HEJLEK, Edward, J.; Senniger, Powers,
Leavitt & Roedel, #1 Metropolitan Square,
16th Floor, Saint 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 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).

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 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)

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

(51)⁷ A61K

(11) WO 2004/103287 (13) A2

(21) PCT/US2004/015023

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,325 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • B-ARRESTIN-2 MODULATION IN THE
TREATMENT OF ALLERGIC ASTHMA
• MODULATION DE LA BETA-ARES-
TINE-2 POUR LE TRAITEMENT DE
L'ASTHME ALLERGIQUE

- (71) DUKE UNIVERSITY [US/US]; Erwin
Road, Durham, North Carolina 27708 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) WALKER, Julia, K., L. [US/US]; 1
Strawberry Ridge Lane, Durham, North Car-
olina 27713 (US). LEFKOWITZ, Robert, J.
[US/US]; 5203 Piney Hollow Court, Durham,
North Carolina 27705 (US). SCHWARTZ,
David, A. [US/US]; 5915 St. Mary Road,
Hillsborough, North Carolina 27278 (US).
PATEL, Dhavalkumar, D. [US/US]; 223
Telluride Trail, Chapel Hill, North Carolina
27514 (US).

- (74) BAUM, Allen, R. et al. / etc.; BURNS,
DOANE, SWECKER & MATHIS, LLP, PO
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 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).

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 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)

(t) for all designations / pour toutes les
désignations

(51)⁷ A61K

(11) WO 2004/103288 (13) A2

(21) PCT/US2004/015040

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,444 13 May/mai 2003 US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD OF PREVENTING RECUR-
RENT MISCARRIAGES

- PROCEDE DE PREVENTION DES
AVORTEMENTS SPONTANES

- (71) NEW YORK SOCIETY FOR THE RUP-
TURED AND CRIPPLED MAINTAIN-
ING THE HOSPITAL FOR SPECIAL
SURGERY [US/US]; 535 East 70th Street,
New York, NY 10021 (US). THE RE-
GENTS OF THE UNIVERSITY OF
COLORADO [US/US]; Regent 201, SYS 3,
Boulder, CO 80309 (US).

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

- (72, 75) SALMON, Jane, E. [US/US]; 180 East
End Avenue, New York, NY 10128 (US). GI-
RARDI, Guillermina [AR/US]; Apt. 6A,
450 East 63rd Street, New York, NY 10021
(US). HOLERS, V., Michael [US/US]; 242
S. Hudson Street, Denver, CO 80246 (US).

- (74) LUDWIG, S., Peter 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 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).

Published / Publiée : (q2)

(51)⁷ A61K

(11) WO 2004/103289 (13) A2

(21) PCT/US2004/015048

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,749 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DRIVERSE THYROID HORMONE RE-
CEPTOR ANTAGONISTS AND USES
THEREOF

- DIVERS ANTAGONISTES DU RE-
CEPTEUR DE L'HORMONE THY-
ROIDIENNE ET UTILISATIONS DE
CEUX-CI

(71) **NEW YORK UNIVERSITY** [US/US]; 650 First Avenue, New York, NY 10016 (US). **MOLSOFT LLC** [US/US]; 3366 North Torrey Pines Court, Suite 300, La Jolla, CA 92037 (US).

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

(72, 75) **SAMUELS, Herbert, H.** [US/US]; 32 Rolling Way, New Rochelle, NY 10804 (US). **ABAGYAN, Ruben** [US/US]; 761 La Canada Street, La Jolla, CA 92037 (US). **SCHAPIRA, Matthieu** [FR/FR]; 39, rue Paul Chenarard, F-69001 Lyon (FR). **TOTROV, Maxim** [US/US]; 4036 Brant Street, #3, San Diego, CA 92103 (US). **RAAKA, Bruce, M.** [US/US]; 212 Cork Tree Lane, Rockville, MD 20805 (US). **WILSON, Stephen, R.** [US/US]; 1035 Washington Street, Hoboken, NJ 07030 (US). **FAN, Li** [US/US]; 25 Irving Terrace, Apt. 5, Cambridge, MA 02138 (US). **ZHOU, Zhiguo** [CN/US]; 52-07 92nd Street, 2nd Floor, Elmhurst, NY 11373 (US).

(74) **JACKSON, David, A.**; Klaubert & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K**

(11) **WO 2004/103290** (13) **A2**

(21) PCT/US2004/015049

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 03253081.8 **16 May/mai 2003** EP (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS COMPRISING AN AMIDINE AND AN ALKANE POLYOL
• COMPOSITIONS CONTENANT UNE AMIDINE ET UN POLYOL D'ALCANE

(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) **ELLIOTT, Russell, Phillip** [GB/GB]; 24 Nobles Way, Egham Surrey TW20 9RJ (GB). **MCKAY, Barnaby, George, Robert** [GB/GB]; 19 Sutton Road, Muswell Hill, London N10 1HJ (GB). **VANOOSTHUYZE, Kristina, Emma, Inge** [BE/GB]; Lynton, Horsell Birch, Horsell, Woking Surrey GU21 4XD (GB).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ **A61K**

(11) **WO 2004/103291** (13) **A2**

(21) PCT/US2004/015076

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/470,876 **16 May/mai 2003** US (16.05.2003)

(30) 60/485,744 **10 Jul/juil 2003** US (10.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXTENDED RELEASE COMPOSITIONS OF PROTON PUMP INHIBITOR
• COMPOSITIONS D'INHIBITEURS DE POMPE A PROTONS A LIBERATION PROLONGEE

(71) **EISAI CO., LTD.** [JP/JP]; 4-6-10, Koishikawa, Bunkyo-Ku, Tokyo 112-8088, JP (JP).

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

(72, 75) **WOOD, Ray** [US/US]; c/o Eisai Co., Ltd., 900 Davis Road, Research Triangle Park, NC 27709 (US).

(74) **GRIEFF, Edward, D.** et al. / etc.; Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., 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 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 **A61K**

(11) **WO 2004/103292** (13) **A2**

(21) PCT/US2004/015100

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/440,475 **15 May/mai 2003** US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR MANUFACTURE OF NEMATODE-EXTRACTED ANTICOAGULANT PROTEIN (NAP)

• METHODE DE PRODUCTION DE LA PROTEINE ANTICOAGULANTE EXTRAITE DU NEMATODE (NAP)

(63) US 10/440,475 (CON) 15 May/mai 2003 (15.05.2003)

(71) **DENDREON CORPORATION** [US/US]; 3005 First Avenue, Seattle, WA 98121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENDOZA, Christine, B.** [US/US]; 12414 Lonic Terrace, San Diego, CA 92129 (US). **LIDELL, John** [GB/GB]; Avecia Limited, P.O. Box 2, Belasis Avenue, Billingham TS23 1YN (GB). **MOSS, David** [GB/GB]; 3 Great Close, Cawood, Selby, North Yorkshire YO8 0UG (GB).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K**

(11) **WO 2004/103293** (13) **A2**

(21) PCT/US2004/015102

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,135 **15 May/mai 2003** US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODULATORS OF THE P2Y₁₀ RECEPTOR USEFUL IN ALTERING T LYMPHOCYTE FUNCTION

• MODULATEURS DU RECEPTEUR P2Y₁₀ UTILISES POUR MODIFIER LA FONCTION DES LYMPHOCYTES T

(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) **BURKE, James, R.** [US/US]; 25 Stallion Circle, Upper Holland, PA 19053 (US).
IOTZOVA, Violetta [US/US]; 28 Winterset Drive, Robbinsville, NJ 08690 (US).

(74) **LAMERDIN, John, A.** 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) **WO 2004/103294** (13) A2

(21) PCT/US2004/015135

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,681 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND COMPOSITIONS FOR THE PREVENTION AND TREATMENT OF SEPSIS

• PROCEDES ET COMPOSITIONS POUR LA PREVENTION ET LE TRAITEMENT DE LA SEPSIS

(71) **TANOX, INC.** [US/US]; 10301 Stella Link Road, Houston, TX 77025-5497 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUNG, Sek Chung** [US/US]; 3511 Deal Street, Houston, TX 77025 (US).
MOLLNES, Tom, Eirik [NO/NO]; Granittveien 27, N-8013 Bodo, NO (NO).

(74) **GUFFEY, Wendell, Ray** et al. / etc.; Tanox, Inc., 10301 Stella Link Road, Houston, TX 77025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K

(11) **WO 2004/103295** (13) A2

(21) PCT/US2004/015168

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,630 **14 May/mai 2003 (14.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTERLEUKIN-9 ANTAGONIST MUTEINS AND THEIR PHARMACOLOGICAL METHODS OF USE

• MUTEINES D'UN ANTAGONISTE DE L'INTERLEUKINE-9 ET LEURS METHODES PHARMACOLOGIQUES D'UTILISATION

(71) **BAYER PHARMACEUTICALS CORPORATION** [US/US]; 400 MORGAN LANE, WEST HAVEN, CT 06516-4175 (US).

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

(72, 75) **BOISVERT, David, C.** [US/US]; 7427 Moeser Lane, El Cerrito, CA 94530 (US).
LONGPHRE, Malinda [US/US]; 3432 Guido Street, Oakland, CA 94602 (US).
ZAREMBA, Sydney, Morgan [US/US]; 1710 Alameda Avenue, Alameda, CA 94501 (US).
SHANAFELT, Armen, B. [US/US]; 12613 Treaty Line Street, Carmel, IN 46032 (US).

(74) **MAHONEY, John, W.**; Bayer Pharmaceuticals Corporation, 800 Dwight Way, P. O. Box 1986, Berkeley, CA 94701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 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 A61K

(11) **WO 2004/103296** (13) A2

(21) PCT/US2004/015174

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,199 **16 May/mai 2003 (16.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS OF TREATING IDIOPATHIC PULMONARY FIBROSIS

• METHODES DE TRAITEMENT D'UNE FIBROSE PULMONAIRE IDIOPATHIQUE

(71) **INTERMUNE, INC.** [US/US]; 3280 Bayshore Boulevard, Brisbane, CA 94005 (US).

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

(72, 75) **STRIETER, Robert, M.** [US/US]; 15901 Tobin Way, Sherman Oaks, CA 91403 (US).
STARKO, Karen, M. [US/US]; 1565 Bellevue Avenue, Hillsborough, CA 94010 (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 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 A61K

(11) **WO 2004/103297** (13) A2

(21) PCT/US2004/015225

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,640 **14 May/mai 2003 (14.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMBINATION THERAPY WITH GLATIRAMER ACETATE AND MITOXANTHONE FOR THE TREATMENT OF MULTIPLE SCLEROSIS

• POLYTHERAPIE A BASE D'ACETATE DE GLATIRAMER ET DE MITOXANTHONE DESTINEE AU TRAITEMENT DE LA SCLEROSE EN PLAQUES

(71) **TEVA PHARMACEUTICAL INDUSTRIES, LTD.** [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petah Tikva (IL).

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

(71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1090 Horsham Road, North Wales, PA 19454 (US).

(only for / seulement pour BB)

(72, 75) **VOLLMER, Timothy** [US/US]; 12234 East Paradise Drive, Scottsdale, AZ 85259 (US).

(74) **WHITE, John, P.**; 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 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 A61K

(11) WO 2004/103298 (13) A2

(21) PCT/US2004/015242

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,230 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR THE
TREATMENT OF INFECTIOUS DIS-
EASE IN KERATINIZED TISSUE

• APPAREIL ET PROCEDE POUR LE
TRAITEMENT D'UNE MALADIE IN-
FECTIEUSE TOUCHANT UN TISSU
KERATINISE

(71, 72) HOENIG, Peter, A. [US/US]; 1073 Con-
cord Road, Sudbury, MA 01776 (US).

(72, 75) TREMBLY, B., Stuart [US/US]; Birch
Brook Road, Hanover, NH 03755 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61K

(11) WO 2004/103299 (13) A2

(21) PCT/US2004/015253

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/417,236 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS AND METHODS FOR
THE TREATMENT OF CNS INJURIES

• COMPOSITIONS ET METHODES DE
TRAITEMENT DE BLESSURES DU
SYSTEME NERVEUX CENTRAL

(71) ACORDA THERAPEUTICS, INC.
[US/US]; 15 Skyline Drive, Hawthorne,
10532 (US).

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

(72, 75) GRUSKIN, Elliott, A. [US/US]; 23
Beech Tree Ridge, Killingworth, 06419 (US).
CAGGIANO, Anthony, O. [US/US]; 10
Wildwood Road, Larchmont, 10538 (US).
ZIMBER, Michael, P. [US/US]; 624 Hall
Street, Mamroneck, 10543 (US). BLIGHT,
Andrew, R. [US/US]; 10 Oskar Drive, Ma-
hopac, 10541 (US).

(74) MILLER, Raymond, A.; Pepper Hamilton
LLP, One Mellon Center, 50th Floor, 500
Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61K

(11) WO 2004/103300 (13) A2

(21) PCT/US2004/015278

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,351 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS OF A CHROMENE
CYCLOOXYGENASE-2 SELECTIVE
INHIBITOR AND A CHOLINERGIC
AGENT FOR THE TREATMENT OF RE-
DUCED BLOOD FLOW OR TRAUMA
TO THE CENTRAL NERVOUS SYS-
TEM

• COMPOSITIONS D'INHIBITEUR SE-
LECTIF DE LA CHROMENE CY-
CLOOXYGENASE-2 ET AGENT CHO-
LINERGIQUE PERMETTANT DE
TRAITER UN ECOULEMENT SAN-
GUIN REDUIT OU TRAUMA VERS LE
SYSTEME NERVEUX CENTRAL

(71) PHARMACIA CORPORATION
[US/US]; Global Patent Department, 700
Chesterfield Parkway West, Chesterfield,
Missouri 63017-1732 (US).

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

(72, 75) STEPHENSON, Diane, T. [US/US];
1527 North Road, Groton, Connecticut 06340
(US). TAYLOR, Duncan, P. [US/US]; 8722
West F Avenue, Kalamazoo, Michigan 49009
(US). ARNERIC, Stephen, P. [US/US];
3498 Whistling Lane, Portage, Michigan
49024 (US).

(74) HEJLEK, Edward, J. 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 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).

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 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)

(t) for all designations / pour toutes les
désignations

(51)⁷ A61K

(11) WO 2004/103301 (13) A2

(21) PCT/US2004/015313

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,247 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYNERGISTIC TREATMENT OF CAN-
CER USING IMMUNOMERS IN CON-
JUNCTION WITH CHEMOTHERA-
PEUTIC AGENTS

• TRAITEMENT SYNERGIQUE DU
CANCER UTILISANT DES IMMU-
NOMERES EN ASSOCIATION A DES
AGENTS CHIMIOTHERAPEUTIQUES

(71) HYBRIDON, INC. [US/US]; 345 Vassar
Street, Cambridge, MA 02139 (US).

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

(72) KANDIMALLA, EKAMBAR, R.; 6 Can-
dlewood Lane, Southboro, MA 01772 (US).
AGRAWAL, Sudhir; 61 Lamplighter Drive,
Shrewsbury, MA 01545 (US). WANG,
Daqin; 7 Selfridge Road, Bedford, MA
01730 (US).

(74) ZUCCHERO, Joseph, C.; Keown & Asso-
ciates, 500 West Cummings Park, Suite 1200,
Woburn, MA 01801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61K

(11) WO 2004/103302 (13) A2

(21) PCT/US2004/015321

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,244 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COSMETIC SYSTEM FOR APPLICATION AS A MULTI-STEP COSMETIC PRODUCT

• SYSTEME COSMETIQUE DESTINE A ETRE UTILISE COMME UN PRODUIT COSMETIQUE EN PLUSIEURS ETAPES

(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) RABE, Thomas, Elliott [US/US]; 106 Old House Court, Baltimore, Maryland 21208 (US). TURNER, Crystal, Ann [US/US]; 6202 Moyer Avenue, Baltimore, Maryland 21214 (US). MORELAND, Randy, Sean [US/US]; 802 Calvin Place, Bel Air, Maryland 21014 (US).

(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 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 A61K

(11) WO 2004/103303 (13) A2

(21) PCT/US2004/015337

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,427 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERAPEUTIC DENTAL COMPOSITION

• COMPOSITION DENTAIRE THERAPEUTIQUE

(71) BRITESMILE DEVELOPMENT, INC. [US/US]; 490 North Wiget Lane, Walnut Creek, CA 94598 (US).

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

(72, 75) MONTGOMERY, R., Eric [US/US]; 29 Fairview Road, Monterey, MA 01245-0487 (US).

(74) MAHONEY, Joseph, A. et al. / etc.; Mayer, Brown, Rowe & Maw LLP, P.O. Box 2828, Chicago, IL 60690-2828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K

(11) WO 2004/103304 (13) A2

(21) PCT/US2004/015340

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,017 15 May/mai 2003 US (15.05.2003)

(30) 60/489,270 21 Jul/juil 2003 US (21.07.2003)

(30) 60/514,930 27 Oct/oct 2003 US (27.10.2003)

(30) 60/517,338 4 Nov/nov 2003 US (04.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF T-CELL MEDIATED DISEASES

• TRAITEMENT DE MALADIES A MEDIATION DES LYMPHOCYTES T

(71) DMI BIOSCIENCES, INC. [US/US]; 3601 S. Clarkson St., Suite 420, Englewood, CO 80110 (US).

(72) BAR-OR, David; 900 E. Oxford Lane, Englewood, CO 80110 (US). BAR-OR, Raphael; 1720 Wynkoop Street #214, Denver, CO 80202 (US). SHIMONKOVITZ, Richard; 2334 East Terrace Drive, Highlands Ranch, CO 80126 (US).

(74) CONNELL, Gary, J. et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, 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 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 A61K

(11) WO 2004/103305 (13) A2

(21) PCT/US2004/015343

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,462 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPIROPYRAZOLE COMPOUND

• COMPOSE A BASE DE SPIROPYRAZOLE

(71) EUROCELTIQUE S.A. [LU/LU]; 122, Boulevard de la Petrusse, L-2330 Luxembourg (LU).

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

(72, 75) BROGLE, Kevin [US/US]; 80 Garden Avenue, Laurenceville, NJ 08648 (US).

(74) SAND, Stephen, J.; Purdue Pharma, LP, 201 Tresser Blvd., One Stamford Forum, Stamford, CT 06901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K

(11) WO 2004/103306 (13) A2

(21) PCT/US2004/015603

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,931 19 May/mai 2003 US (19.05.2003)

(30) 60/561,968 14 Apr/avr 2004 US (14.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMMUNOSUPPRESSANT COMPOUNDS AND COMPOSITIONS

• COMPOSES IMMUNOSUPPRESSEURS ET COMPOSITIONS

(71) IRM LLC [US/US]; P.O. Box HM 2899, Hamilton, HM LX (BM).

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

(72, 75) PAN, Shifeng [CN/US]; 13880 Kerry Lane, San Diego, CA 92130 (US). GAO, Wenqi [CN/US]; 7958 Harmarsh Street, San Diego, CA 92123 (US). GRAY, Nathanael, S. [US/US]; 5652 Lamas Street, San Diego, CA 92122 (US). MI, Yuan [CN/US]; 11175 Affinity Court, Unit 45, San Diego, CA

92131 (US). FAN, Yi [CN/US]; 12228 Pepper Tree Lane, Poway, CA 92064 (US).

(74) REID, Scott, W. et al. / etc.; The Genomics Institute of the Novartis Research Foundation, 10675 John Jay Hopkins 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/103307 (13) A2

(21) PCT/US2004/015633

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,949 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIVE AND FIFTEEN CARBON FATTY ACIDS FOR TREATING METABOLIC DISORDERS AND AS NUTRITIONAL SUPPLEMENTS

• ACIDES GRAS A CINQ OU QUINZE CARBONES DESTINES A TRAITER DES TROUBLES METABOLIQUES ET UTILISES COMME COMPLEMENTES NUTRITIONNELS

(71) BAYLOR RESEARCH INSTITUTE [US/US]; 3434 Live Oak Street, Suite 125, Dallas, TX 75204 (US).

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

(72, 75) ROE, Charles, R. [US/US]; 11 Northcrest Circle, Rockwall, TX 75087 (US).

(74) COTROPIA, Charles, S. et al. / etc.; Sidley Austin Brown & Wood LLP, Suite 3400, 717 North Harwood St., Suite 3400, 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 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 A61K

(11) WO 2004/103308 (13) A2

(21) PCT/US2004/015649

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,556 19 May/mai 2003 US (19.05.2003)

(30) 10/848,088 18 May/mai 2004 US (18.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERSONAL CARE PRODUCTS THAT DO NOT CONTAIN TETRAMER AND/OR PENTAMER CYCLOMETHICONES

• PRODUITS D'HYGIENE PERSONNELLE NE CONTENANT PAS DE CYCLOMETHYCONES TETRAMERES ET/OU PENTAMERES

(71) INOLEX INVESTMENT CORP. [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

(72) WINN, Daniel; 14 Euclid Avenue, Kingston, NJ 08528 (US). GOLDBERG, Marvin; 4 Palamino Way, Marlboro, NJ 07746 (US). MOSS, Lawrence, B.; 32 Princeton Drive, Manalapan, NJ 07726 (US).

(74) BULLOCK, Kristyne, A. et al. / etc.; Akin Gump Strauss Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K

(11) WO 2004/103309 (13) A2

(21) PCT/US2004/015701

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,931 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMMUNOSUPPRESSANT COMPOUNDS AND COMPOSITIONS

• COMPOSES IMMUNOSUPPRESSEURS ET COMPOSITIONS

(71) IRM LLC [US/US]; P.O. Box HM 2899, Hamilton, HM LX (BM).

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

(72, 75) MARSILJE, Thomas, H. [US/US]; 1844 Narragansett Court, San Diego, CA 92128 (US). GRAY, Nathanael, S. [US/US]; 5652 Lamas Street, San Diego, CA 92122 (US). JIANG, Tao [CN/US]; 10721 Calle Mar De Mariposa, San Diego, CA 92130 (US). LU, Wenshuo [CA/US]; 7594 Wallingford Court, San Diego, CA 92126 (US). PAN, Shifeng [CN/US]; 13880 Kerry Lane, San Diego, CA 92130 (US).

(74) REID, Scott, W. et al. / etc.; The Genomics Institute of the Novartis Research Foundation, 10675 John Jay Hopkins 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/103310 (13) A2

(21) PCT/US2004/015774

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,020 20 May/mai 2003 US (20.05.2003)

(30) 60/477,864 12 Jun/juin 2003 US (12.06.2003)

(30) 60/478,328 13 Jun/juin 2003 US (13.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND COMPOSITIONS FOR THE TREATMENT OF METABOLIC DISORDERS

- PROCEDES ET COMPOSITIONS DESTINEES AU TRAITEMENT DE TROUBLES METABOLIQUES

(71) **NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.** [US/US]; 750 Washington Street, Boston, MA 02111 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOPIN, Alan, S.** [US/US]; 15 Wynnewood Road, Wellesley, MA 02481 (US).
BEINBORN, Martin [DE/US]; 888 Washington Street, Apartment 803, Boston, MA 02111 (US).

(74) **ELBING, Karen, L.**; 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 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 A61K

(11) **WO 2004/103311** (13) A2

(21) PCT/US2004/015777

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 10/440,675 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ANTIBIOTIC COMPOSITION
- COMPOSITION ANTIBIOTIQUE

(71) **ADVANCIS PHARMACEUTICALS CORPORATION** [US/US]; 20425 Seneca Meadows Parkway, Germantown, MD 20876 (US).

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

(72, 75) **RUDNIC, Edward, M.** [US/US]; 15103 Gravenstein Way, North Potomac, MD 20878 (US).
ISBISTER, James, D. [US/US]; 9521 Accord Drive, Potomac, MD 20878 (US).
TREACY, Donald, J. Jr. [US/US]; 1907 White Heron Road, Annapolis, MD 21401 (US).
WASSINK, Sandra, E. [US/US]; 5103 Reels Mill Road, Fredrick, MD 21704 (US).

(74) **STAUFFER, Raymond, E.** et al. / etc.; 5 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 A61K

(11) **WO 2004/103312** (13) A2

(21) PCT/US2004/015825

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/472,082 **19 May/mai 2003 US (19.05.2003)**

(30) 60/473,330 **23 May/mai 2003 US (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PEPTIDES USEFUL AS HIV FUSION INHIBITORS

- PEPTIDES UTILES EN TANT QU'INHIBITEURS DE FUSION DU VIH

(71) **PROGENICS PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

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

(72, 75) **OLSON, William, C.** [US/US]; 21 Fawn Court, Ossining, NY 10562 (US).
SCHUELKE, Norbert [DE/US]; 101 Ridge Road, New City, NY 10956 (US).
O'HARA, Bryan [US/US]; 537 Broadway, Norwood, NJ 07648 (US).

(74) **WHITE, John, P.**; 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 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 A61K

(11) **WO 2004/103313** (13) A2

(21) PCT/US2004/015873

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/471,727 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHODS OF REDUCING VASCULAR PERMEABILITY IN TISSUE BY INHIBITION OF TISSUE PLASMINOGEN ACTIVATOR (TPA) AND TPA INHIBITORS USEFUL THEREIN

- METHODES DE REDUCTION DE LA PERMEABILITE VASCULAIRE D'UN TISSU PAR INHIBITION DE L'ACTIVATEUR TISSULAIRE DU PLASMINOGENE (TPA) ET INHIBITEURS TPA UTILISES DANS CES METHODES

(71) **THE AMERICAN NATIONAL RED CROSS** [US/US]; 8111 Gatehouse Road, Falls Church, VA 22042 (US).

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

(72, 75) **LAWRENCE, Daniel, A.** [US/US]; 16525 Keats Terrace, Derwood, MD 20855 (US).
YEPES, Manuel, S. [CO/US]; 318 Redland Blvd., Rockville, MD 20850 (US).
STRICKLAND, Dudley [US/US]; 19736 Golden Valley Lane, Brookeville, MD 20833 (US).

(74) **BENT, Stephen, A.** et al. / etc.; Foley & Lardner LLP, Washington Harbour, 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 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 A61K

(11) **WO 2004/103314** (13) A2

(21) PCT/US2004/016032

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,097 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • POLYOL POLYESTER-CONTAINING PERSONAL CARE PRODUCTS THAT DO NOT CONTAIN LOW VISCOSITY SILICONE FLUIDS

- PRODUITS POUR SOINS PERSONNELS CONTENANT UN POLYOL POLYESTER EXEMPTS DE FLUIDES DE SILICONE A FAIBLE VISCOSITE

(71) **INOLEX INVESTMENT CORP.** [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

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

(72, 75) **BURGO, Rocco** [US/US]; Jackson and Swanson Streets, Philadelphia, PA 19148 (US).

(74) **BULLOCK, Kristyne, A.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 A61K

(11) WO 2004/103315 (13) A2

(21) PCT/US2004/016088

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/442,683 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF OPHTHALMIC INFECTIONS USING ANTIMICROBIAL PEPTIDES

• TRAITEMENT D'INFECTIONS OPHTALMIQUES AU MOYEN DE PEPTIDES ANTIMICROBIENS

(71) ZENGGEN, INC. [US/US]; 21800 Oxnard Street, Suite 980, Woodland Hills, CA 91367 (US).

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

(72, 75) CATANIA, Anna P. [IT/IT]; 15 Corso Italia, I-20122 Milan, ITALY (IT). LIPTON, James M. [US/US]; 5800 Owensmouth St., #10, Woodland Hills, CA 91367 (US).

(74) HOTCHKISS, Edward S. et al. / etc.; PERKINS COIE LLP, Patent - LA, 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 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 A61K

(11) WO 2004/103316 (13) A2

(21) PCT/US2004/016227

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,341 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ORP9, A NOVEL THERAPEUTIC TARGET FOR INCREASING HDL LEVELS

• NOUVELLE CIBLE THERAPEUTIQUE ORP9 D'AUGMENTATION DES NIVEAUX DE HDL

(71) XENON GENETICS INC. [CA/CA]; 3650 Gilmore Way, Burnaby, B.C. V5G 4W8 (CA). WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(72, 75) BROWNLIE, Alison, J. [CA/CA]; 1823 Napier, Vancouver, B.C. V5L 2N4 (CA). TAFURI, Sherrie, Rae [US/US]; 4773 Aberdeen Drive, Ann Arbor, MI 48103 (US). BRINKMAN, Ryan, R. [CA/CA]; 627 West 7th Street, Vancouver, B.C. V5Z 1B6 (CA). CHANGNOVICH, Daniel [US/US]; 2720 Aspen Ridge Drive, Ann Arbor, MI 48103 (US). CHATTERJEE, Aurobindo [US/US]; 712 Mt. Pleasant Avenue, Ann Arbor, MI 48103 (US). DUBE, Marie-Pierre [CA/CA]; 4831 Hutchison Street, Montreal, Quebec H2V 4A4 (CA). WU, Chenyan [US/US]; 3190 Otter Creek Court, Ann Arbor, MI 48105 (US).

(74) GRANT, Alan, J. et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart &, Olstein, 5 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K

(11) WO 2004/103317 (13) A2

(21) PCT/US2004/009335

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/471,480 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRANSDERMAL BUPRENORPHINE DOSAGE REGIMEN FOR TREATMENT OF DIARRHEA

• REGIME POSOLOGIQUE POUR LE TRAITEMENT DE LA DIARRHÉE PAR ADMINISTRATION DE BUPRENORPHINE PAR VOIE TRANSDERMIQUE

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

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(72, 75) REIDENBERG, Bruce, E. [US/US]; 1 Stonycrest Road, Rye, NY 10580 (US). SPYKER, Daniel, A. [US/US]; 1520 Ralston Avenue, Burlingame, CA 94010 (US).

(74) ROBINSON, Joseph, R. 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 A61K 6/08, A61C 5/12

(11) WO 2004/103318 (13) A1

(21) PCT/FI2004/000308

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 20030779 23 May/mai 2003 FI (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A MATRIX BAND

• MATRICE

(71) STICK TECH OY [FI/FI]; P.O. Box 114, FI-20521 Turku (FI).

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

(72, 75) VALLITTU, Pekka [FI/FI]; Kylläisen- tie 23, FI-21620 Kuusisto (FI). LASSILA, Lippo [FI/FI]; Brattnäsvägen 183, FI-21630 Lielax (FI). YLI-URPO, Antti [FI/FI]; Värttinäkatu 17, FI-20660 Littoinen (FI). TEZVERGIL, Arzu [TR/FI]; Stålarinkatu 5 E 52, FI-20810 Turku (FI).

(74) TURUN PATENTTITOIMISTO OY; P.O. Box 99, FI-20521 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 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 6/08, A61C 13/00

(11) WO 2004/103319 (13) A1

(21) PCT/FI2004/000309

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 20030780 23 May/mai 2003 FI (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PREPREG AND ITS USE

• PREIMPREGNE ET SON APPLICATION

(71) STICK TECH OY [FI/FI]; P.O. Box 114, FI-20521 Turku (FI).

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(72, 75) VALLITTU, Pekka [FI/FI]; Kylläisen- tie 23, FI-21620 Kuusisto (FI). YLI-URPO,

Antti [FI/FI]; Värttinäkatu 17, FI-20660 Littoinen (FI). LASSILA, Lippo [FI/FI]; Brattnäs vägen 183, FI-21630 Lielax (FI). NÄRHI, Timo [FI/FI]; Pyhän Laurin tie 5B, FI-00340 Helsinki (FI). WALTIMO, Tuomas [FI/FI]; Itäinen Rantakatu 64 A 42, FI-20100 Turku (FI).

(74) TURUN PATENTTITOIMISTO OY; P.O. Box 99, FI-20521 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 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).

Declaration / Déclaration :

(i) for all designations / pour toutes les désignations

(51)⁷ A61K 7/00

(11) WO 2004/103320 (13) A2

(21) PCT/EP2004/004942

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 0311815.5 22 May/mai 2003 GB (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SKIN TREATMENTS

• TRAITEMENTS POUR LA PEAU

(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 NA NI NO NZ OM PG 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) JENKINS, Gail [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). MAYES, Andrew, Easson [GB/GB]; Unilever R & D Colworth, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(74) FINNIE, Nicholas, James; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford 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 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 A61K 7/00

(11) WO 2004/103321 (13) A2

(21) PCT/US2004/015053

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,735 16 May/mai 2003 US (16.05.2003)

(30) 10/663,238 16 Sep/sep 2003 US (16.09.2003)

(30) 00/000,000 13 May/mai 2004 US (13.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TOPICAL TREATMENT OF INGROWN HAIRS

• TRAITEMENT TOPIQUES DE POILS INCARNES

(71) JOHNSON & JOHNSON CONSUMER COMPANIES, INC. [US/US]; 199 Grandview Road, Skillman, NJ 08558 (US).

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

(72, 75) KHAIAI, Alain, V. [FR/SG]; 3 Meyer Place, #09-01, Singapore 437991 (SG).

GOMES, Anna [AU/AU]; 15 Macarthur Parade, Dulwich Hill, New South Wales 2203 (AU). BHIDE, Vaishali [IN/IN]; 4 Purnima Apartments, Mhasoba Maidan, Kalyan, Dist Thane, Maharashtra 421304 (IN). SALERNO, Catherine [US/US]; 19 Francine Place, Millington, NJ 07946 (US). DOLE, Victoria [US/US]; 9 Mensi Road, Whitehouse Station, NJ 08889 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 A61K 7/021

(11) WO 2004/103322 (13) A1

(21) PCT/EP2004/006071

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03/06150 22 May/mai 2003 FR (22.05.2003)

(30) 60/506,774 30 Sep/sep 2003 US (30.09.2003)

(30) 10/784,909 24 Feb/fév 2004 US (24.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WATER-IN-OIL EMULSION FOUNDATION COMPRISING A POLYOL

• FOND DE TEINT A EMULSION EAU DANS L'HUILE CONTENANT UN POLYOL

(71) L'ORÉAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

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(74) L'ORÉAL; Kromer, Christophe - D.I.P.I., 25-29 Quai Aulagnier, F-92600 Asnières (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 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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(25) en (26) en

(30) 60/471,261 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERSONAL CARE PRODUCTS COMPRISING ACTIVE AGENTS IN A GEL NETWORK

• PRODUITS DE SOINS PERSONNELS COMPRENANT DES AGENTS ACTIFS DANS UNE MATRICE DE GEL

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).
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(72, 75) **SUNKEL, Jorge, Max** [US/US]; 460 Fairview Place, Cincinnati, Ohio 45219 (US). **MOTLEY, Curtis, Bobby** [US/US]; 8032 St. Matthew Drive, West Chester, Ohio 45069 (US). **RABE, Thomas, Elliot** [US/US]; 106 Old House Court, Baltimore, Maryland 21208 (US).

(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 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 **A61K 7/06**

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(22) **26 May/mai 2004 (26.05.2004)**

(25) ja (26) ja

(30) 2003/147185 **26 May/mai 2003 (26.05.2003)** JP

(30) 2003/324603 **17 Sep/sep 2003 (17.09.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **HAIR CARE EMULSIONS**
• **EMULSIONS POUR CHEVEUX**

(71) **SHISEIDO CO., LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K 7/06, 7/48**

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(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/470,546 **13 May/mai 2003 (13.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **OFFSET SATELLITE COMMUNICATION CELL ARRAYS WITH ORTHOGONAL POLARIZATIONS**

• **RESEAUX DE CELLULES DE COMMUNICATION PAR SATELLITE DECALEES, A POLARISATIONS ORTHOGONALES**

(71) **SPACECODE LLC** [US/US]; 8695 Zumwalt Road, Monmouth, OR 97361 (US).

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(72) **THOMPSON, Mark, D.**; 681 Highline Roadreot, Hood River, OR 97301 (US). **BUCCA, Steve**; 8695 Zumwalt Road, Monmouth, OR 97361 (US).

(74) **MEININGER, Mark, M.**; Ipsolon LLP, 805 SW Broadway #2740, Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K 7/075, 7/09**

(11) **WO 2004/103326** (13) A1

(21) PCT/US2004/011535

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) en (26) en

(30) 60/471,059 **16 May/mai 2003 (16.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PERSONAL CARE APPLICATIONS OF EMULSIONS CONTAINING ELASTOMERIC SILANES AND SILOXANES WITH NITROGEN ATOMS**

• **APPLICATIONS DE SOINS PERSONNELS FAISANT INTERVENIR DES EMULSIONS CONTENANT DES SILANES ET DES SILOXANES ELASTOMERES COMPORTANT DES ATOMES D'AZOTE**

(71) **DOW CORNING CORPORATION** [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

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(72, 75) **DECAIRE, Julie, Sue** [US/US]; 2449 West North Union, Auburn, MI 48611 (US). **JOHNSON, Bethany** [US/US]; 518 East Chapel Lane, Midland, MI 48642 (US). **LAFORE, Michael, Richard** [US/US]; 4890 East River Road, Freeland, MI 48623 (US). **LIN, Zuchen** [US/US]; 5025 Foxpoint Circle, Midland, MI 48642 (US).

(74) **DECESARE, James, L.**; IP Dept. - Mail CO 1232, Dow Corning Corporation, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

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

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

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 7/13**

(11) **WO 2004/103327** (13) A1

(21) PCT/EP2004/006068

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 0306248 **23 May/mai 2003 (23.05.2003)** FR

(30) 60/513,594 **24 Oct/oct 2003 (24.10.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **DYEING COMPOSITION COMPRISING AT LEAST ONE DYE PRECURSOR AND ONE AMPHIPHILIC BLOCK COPOLYMER**

- COMPOSITION DE TEINTURE CONTENANT AU MOINS UN PRE-CURSEUR DE COLORANT ET UN COPOLYMERE AMPHIPHILE SEQUENCE

(71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
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(72, 75) DUBIEF, Claude [FR/FR]; 9, rue Edmond-Rostand, F-78150 Le Chesnay (FR).
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(74) L'OREAL; Fevrier Murielle - D.I.P.L., 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 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 A61K 7/16, 7/20

(11) WO 2004/103328 (13) A1

(21) PCT/KR2003/002631

(22) 3 Dec/déc 2003 (03.12.2003)

(25) en (26) en

(30) 10-2003-0027455 30 Apr/avr 2003 KR (30.04.2003)

(30) 10-2003-0070707 10 Oct/oct 2003 KR (10.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PATCH FOR TOOTH WHITENING

- TAMPON POUR UN BLANCHIMENT DES DENTS

(71) ICURE PHARMACEUTICAL CORPORATION [KR/KR]; Research Institute of Advanced Materials 412, Seoul National University, San56-1 Shilim9-dong, Kwanak-gu, 151-019 Seoul (KR).

(72) CHOI, Young Kweon; #1424-901 Mokdong-shinsigaji Apt., Shincheong6-dong, Yangcheon-gu, 158-774 Seoul (KR).
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(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16 Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE 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 NI 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 A61K 7/32, A61L 9/01

(11) WO 2004/103329 (13) A1

(21) PCT/JP2004/007153

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003-142128 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEODORIZATION METHOD

- PROCEDE DE DESODORISATION

(71) TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 5-37-1, Kamata, Ohta-ku, Tokyo 144-8721 (JP).
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ABE, Kyoko [JP/JP]; c/o NOVOZYMES JAPAN LTD., Makuhari Techno Garden CB-5, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (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 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 A61K 7/42

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(22) 22 May/mai 2003 (22.05.2003)

(25) de (26) de

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TITANIUM DIOXIDE AND METHYLENE-BIS-BENZOTRIAZOLYL-PHENOL MIXTURE

- MELANGE DE DIOXYDE DE TITANE ET DE METHYLENE-BIS-BENZOTRIAZOLYLE-PHENOL

(71) KEMIRA PIGMENTS OY [FI/FI]; FIN-28840 Pori (FI).

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(72, 75) DAHMS, Gerd [DE/DE]; Koopmannstr. 59 A, 47138 Duisburg (DE).
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ANTINLUOMA, Olli-Pekka [FI/FI]; Kalevanpuisto 4 B, FIN-28120 Pori (FI).
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(74) ISENBRUCK, Günter; Isenbruck, Bösl, Hörschler, Wichmann, Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

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

(51)⁷ A61K 7/42

(11) WO 2004/103331 (13) A1

(21) PCT/IB2004/001358

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0912/03 22 May/mai 2003 CH (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUN TANNING PRODUCTS AND PRODUCTS FOR TREATMENT OF THE SKIN BEFORE AND AFTER EXPOSURE TO THE SUN

- PRODUITS DE BRONZAGE ET PRODUITS POUR LE TRAITEMENT DE LA PEAU AVANT ET APRES L'EXPOSITION AU SOLEIL

(71) GECOMWERT ANSTALT [LI/LI]; Schreiber & Zindel, Kirchstrasse 39, FL-9490 Vaduz (LI).

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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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(21) PCT/EP2004/004962

(22) 10 May/mai 2004 (10.05.2004)

(25) de (26) de

(30) 03011399.7 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COSMETIC PREPARATIONS
• PREPARATIONS COSMETIQUES

(71) COGNIS FRANCE S.A. [FR/FR]; Boussens, 31360 Saint-Martory (FR).
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(72, 75) MOUSSOU, Philippe [FR/FR]; 14, rue de Marsal, F-54000 Nancy (FR). DANOUX, Louis [FR/FR]; 12, rue de Bretagne, F-54420 Saulxures les Nancy (FR). PAULY, Gilles [FR/FR]; 5, rue de Begonias, F-54000 Nancy (FR).

(74) GITTINGER, Andreas; Cognis Deutschland GmbH & Co. KG, Postfach 13 01 64, 40551 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 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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(11) WO 2004/103333 (13) A1

(21) PCT/EP2004/005532

(22) 22 May/mai 2004 (22.05.2004)

(25) de (26) de

(30) 103 23 510.8 24 May/mai 2003 DE (24.05.2003)

(30) 103 55 110.7 24 Nov/nov 2003 DE (24.11.2003)

(30) 10 2004 020 035.1 22 Apr/avr 2004 DE (22.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TISSUE CULTURE MEDIA USED AS A COMPONENT OF COSMETICS

• MILIEUX DE CULTURE DE TISSUS UTILISES COMME COMPOSANTS DE COSMETIQUES

(71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20253 Hamburg (DE).

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(72, 75) GOHLA, Sven [DE/DE]; Fichtenweg 5A, 21077 Hamburg (DE). MÖNKS, Monika [DE/DE]; Eversen 80, 33039 Nieheim (DE). IBANEZ, Sibylle [CH/CH]; Schützenhausweg 6, 8707 Uetikon am See ZH (DE). EVANGELISTI, Carmen [CH/CH]; Weiherstrasse 20, 8427 Freienstein (DE).

(74) BEIERSDORF AG; Patentabteilung, Unnastrasse 48, 20253 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 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 A61K 7/48

(11) WO 2004/103334 (13) A1

(21) PCT/IB2004/050755

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03/06063 20 May/mai 2003 FR (20.05.2003)

(30) 2004-052321 26 Feb/fév 2004 JP (26.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SLIMMING COSMETIC COMPOSITION COMPRISING CAFESTOL OR KAHWEOL

• COMPOSITION COSMETIQUE AMIN-CISSANTE CONTENANT DU CAFESTOL ET DU KAHWEOL

(71) SEDERMA [FR/FR]; 29 rue du Chemin Vert, BP 33, F-78612 Le Perray-en-Yvelines Cedex (FR).

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

(72) MAS CHAMBERLIN, Claire; Les Chardonnettes, 5 rue de Dampierre (FR).

(72, 75) LINTNER, Karl [FR/FR]; 2, rue du Manège, F-78120 Rambouillet (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 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 A61K 7/48, 7/021, 7/13

(11) WO 2004/103335 (13) A1

(21) PCT/US2004/015375

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,594 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COSMETIC COMPOSITIONS COMPRISING A POLYMER AND A COLORANT

• COMPOSITIONS COSMETIQUES CONTENANT UN POLYMER ET UN COLORANT

(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) MORRISSEY, Christopher, Todd [US/US]; 8736 Charleston Wood Drive, Mason, OH 45030 (US). PIATT, David, Michael [US/US]; 9604 Constitution Drive, Cincinnati, OH 45215 (US). MOTLEY, Curtis, Bobby [US/US]; 8032 St. Matthew Drive, West Chester, OH 45069 (US).

(74) REED, T., David; 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 9/00

(11) WO 2004/103336 (13) A2

(21) PCT/EP2004/050850

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101490.5 23 May/mai 2003 EP
(23.05.2003)(30) 60/473,055 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRUG DELIVERY SYSTEM

• SYSTEME D'ADMINISTRATION DE
MEDICAMENTS(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) GROENEWEGEN, Rudolf, Johannes,
Joseph [NL/NL]; N.V. Organon, P.O. Box
20, NL-5340 BH Oss (NL). DE GRAAFF,
Wouter [NL/NL]; N.V. Organon, P.O. Box
20, NL-5340 BH Oss (NL). OUT, Henk,
Jan [NL/NL]; N.V. Organon, P.O. Box 20,
NL-5340 BH Oss (NL).(74) VAN DEN BROEK, Ludovicus, A.G.M.;
P.O. Box 20, NL-5340 BH Oss (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 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 A61K 9/00

(11) WO 2004/103337 (13) A1

(21) PCT/GB2004/002141

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0311440.2 19 May/mai 2003 GB
(19.05.2003)(30) 0318655.8 8 Aug/août 2003 GB
(08.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENTS IN ADHESIVES
AND THEIR APPLICATIONS• ADHESIFS AMELIORES ET LEURS
APPLICATIONS(71) BIOPROGRESS PLC [GB/GB]; Hostmoor
Avenue, March, Cambridgeshire PE15 0AX
(GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NOWAK, Edward, Zbygniew
[GB/GB]; 4 Davey Close, Impington, Cam-
bridge CB4 9YJ (GB). TECKOE, Jason
[GB/GB]; 23 West End, Ely, Cambridgeshire
CB6 3AY (GB).(74) JONES, Simon, Francis; Bioprogress Tech-
nology Limited, Hostmoor Avenue, March,
Cambridgeshire PE15 0AX (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 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).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BW BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NA NI 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 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); (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 A61K 9/00

(11) WO 2004/103338 (13) A1

(21) PCT/GB2004/002167

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0311440.2 19 May/mai 2003 GB
(19.05.2003)(30) 0318654.1 8 Aug/août 2003 GB
(08.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADHESIVES AND FILM MODIFYING
COMPOSITIONS• ADHESIFS ET COMPOSITIONS MODI-
FIANT DES FILMS(71) BIOPROGRESS PLC [GB/GB]; Hostmoor
Avenue, March, Cambridgeshire PE15 0AX
(GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NOWAK, Edward, Zbygniew
[GB/GB]; 4 Davey Close, Impington, Cam-
bridge CB4 9YJ (GB). TECKOE, Jason
[GB/GB]; 23 West End, Ely, Cambridgeshire
CB6 3AY (GB).(74) JONES, Simon, Francis; Bioprogress Tech-
nology Limited, Hostmoor Avenue, March,
Cambridgeshire PE15 0AX (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 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 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).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI 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 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); (t) for the following
designation / pour la désignation suivante : US
(u) for / pour US only / seulement(51)⁷ A61K 9/00, A61M 15/00, B65D 83/14

(11) WO 2004/103339 (13) A2

(21) PCT/GB2004/002190

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311701.7 21 May/mai 2003 GB
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED METERED DOSE IN-
HALER

• INHALATEUR-DOSEUR AMELIORE

(71) KARIB KEMI-PHARM LIMITED
[GB/GB]; Karib House, 63-65 Imperial
Way, Croydon, Surrey CR40 4RR (GB).(72, 75) KN, Patel [GB/GB]; 36 Ingleby Way,
Wallington, Surrey SM6 9LR (GB).(74) BROWN, Fraser, Gregory, James; FJ
Cleveland, 40-43 Chancery Lane, London
WC2A 1JQ (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 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 A61K 9/00, 31/53, 9/20

(11) WO 2004/103340 (13) A1

(21) PCT/IB2004/001640

(22) 20 May/mai 2004 (20.05.2004)

- (25) en (26) en
- (30) 714/DEL/2003 **20 May/mai 2003** IN
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WATER DISPERSIBLE TABLETS OF LAMOTRIGINE
• COMPRIMES HYDRODISPERSIBLES A BASE DE LAMOTRIGINE
- (71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110 019 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SINHA, Suhani** [IN/IN]; c/o S.P. Sinha, Bagmali, P.O. Hajipur, Distt. Viaishali, Bihar 844101 (IN). **MEHTA, Kamal** [IN/IN]; 1-N-50, R.C. Vyas Colony, Bhilwara, Rajasthan 311001 (IN). **MATHUR, Rajeev, Shanker** [IN/IN]; 112/4, C3 Silver Oak Apartments, DLF City Phase - 1, Gurgaon, Haryana 122002 (IN). **SETHI, Sanjeev** [IN/IN]; House No. 365, Sector-8, Faridabad 121006 (IN). **MALIK, Rajiv** [IN/AT]; Haus 13/4, Unterer Schreiberweg, A-1190 Wien (AT).
- (74) **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, 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 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 **A61K 9/00**
- (11) **WO 2004/103342** (13) A2
- (21) PCT/US2004/014951
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) en (26) en
- (30) 60/471,209 **16 May/mai 2003** US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INJECTABLE SUSTAINED RELEASE COMPOSITIONS
• COMPOSITIONS INJECTABLES A LIBERATION SOUTENUE
- (71) **ALKERMES CONTROLLED THERAPEUTICS, INC.** [US/US]; 88 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TRACY, Mark, A.** [US/US]; 190 Hillside Avenue, Arlington, MA 02476 (US). **PHAM, Chiem, V.** [US/US]; 6671 Bluegrass Way, Manson, OH 45040 (US). **ASGARZADEH, Firouz** [IR/US]; 71 East Mountain Road, Hillsborough, NJ 08844 (US). **WANG, Don, J.** [US/US]; 11059 F Oak Forest Parkway Drive, St. Louis, MO 63146 (US).
- (74) **BROOK, David, E.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).
- Published / Publiée : (c)
-
- (51)⁷ **A61K 9/00**
- (11) **WO 2004/103341** (13) A2
- (21) PCT/US2004/014555
- (22) **10 May/mai 2004 (10.05.2004)**
- (25) en (26) en
- (30) 60/469,497 **9 May/mai 2003** US
(09.05.2003)
- (30) 10/841,892 **7 May/mai 2004** US
(07.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DISSOLVABLE BACKING LAYER FOR USE WITH A TRANSMUCOSAL DELIVERY DEVICE
• COUCHE PROTECTRICE POUVANT ETRE DISSOUTE DESTINEE A ETRE UTILISEE DANS UN DISPOSITIF D'ADMINISTRATION A TRAVERS LES MUQUEUSES
- (71) **CEPHALON, INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHANG, Hao** [US/US]; 538 East Woodpine Circle, Midvale, UT 84047 (US).
- (74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 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 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 **A61K 9/08, 47/30**
- (11) **WO 2004/103343** (13) A1
- (21) PCT/CN2003/000849
- (22) **8 Oct/oct 2003 (08.10.2003)**
- (25) zh (26) zh
- (30) 03138019.0 **25 May/mai 2003** CN
(25.05.2003)
- (30) 03148883.8 **16 Jun/juin 2003** CN
(16.06.2003)
- (30) 03153569.0 **18 Aug/août 2003** CN
(18.08.2003)
- (30) 03156876.9 **11 Sep/sep 2003** CN
(11.09.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIMETICONE-CONTAINING SUSTAINED FORMULATION
• FORMULATION A LIBERATION PROLONGEE A BASE DE DIMETHICONE
- (71, 72) **WANG, Yuwan** [CN/CN]; No. 3-506, Building 15, 3 Yuanmingyuan West Road, Haidian District, Beijing 100094 (CN).
- (72, 75) **PAN, Zhende** [CN/CN]; Beijing China Agriculture University Biotechnology Corporation, 2 Yuanmingyuan west Road, Haidian District, Beijing 100094 (CN). **DAI, Xiaoxi** [CN/CN]; Beijing China Agriculture University Biotechnology Corporation, 2 Yuanmingyuan west Road, Haidian District, Beijing 100094 (CN).
- (74) **UNITALEN ATTORNEYS AT LAW**; WANG, Xueqiang, Rm. 30703, 7th Floor Scitech Place, No. 22 Jian Guo Men Wai Ave., Chaoyang District, 100004 Beijing (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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/127, 31/28**
- (11) **WO 2004/103344** (13) A1
- (21) PCT/US2003/015771
- (22) **20 May/mai 2003 (20.05.2003)**
- (25) en (26) en
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • COMBINATION CHEMOTHERAPY COMPRISING A LIPOSOMAL PLATINUM COMPLEX
• CHIMIOThERAPIE COMBINEE COMPRENANT UN COMPLEXE DE PLATINE LIPOSOMAL
- (71) **ARONEX PHARMACEUTICALS, INC.** [US/US]; 3 Forbes Road, Lexington, MA 02421 (US).

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

(72, 75) **LEWIS, Jonathan** [US/US]; 300 East 56th Street, New York, NY 10022 (US). **HOOS, Axel** [DE/US]; 322 West 57 th Street, New York, NY 10022 (US). **GALE, Robert, Peter** [CN/US]; 11693 San Vicente Blvd., Los Angeles, CA 90049 (US).

(74) **ANTLER, Adriane, M. et al. / etc.**; Jones Day, 222 East 41st Street, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 9/14

(11) WO 2004/103345 (13) A2

(21) PCT/FR2004/001191

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/06039 20 May/mai 2003 FR (20.05.2003)

(30) 60/479,221 18 Jun/juin 2003 US (18.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PARTICLES WHICH ARE STABILISED IN SIZE BY DIACID COPOLYMER

• PARTICULES STABILISEES EN TAILLE PAR COPOLYMERE DIACIDE

(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) **MATTEI, Jean-Louis** [FR/FR]; 34 avenue Auguste Rodin, F-92190 Meudon (FR). **SIMMONET, Jean-Thierry** [FR/FR]; 53 bis rue Carnot, F-94240 Cachan (FR).

(74) **LE COUPANEC, Pascale; NONY & ASSOCIES**, 3 rue de Penthievre, 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 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 A61K 9/14, 31/203

(11) WO 2004/103346 (13) A1

(21) PCT/IB2004/001636

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 713/DEL/2003 20 May/mai 2003 IN (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHARMACEUTICAL COMPOSITIONS OF ACITRETIN

• COMPOSITIONS PHARMACEUTIQUES A BASE D'ACITRETINE

(71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, Suite 2100, New Delhi, 100 019, Delhi (IN).

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

(72, 75) **ISLOOR, Shashikanth** [IN/IN]; 31/99 (5), SRI Rampur Extension, Sagar, Shimoga District, 577401, Karnataka (IN). **SETHI, Sanjeev, Kumar** [IN/IN]; House No. 365, Sector - 8, Faridabad 121 006 (IN). **MALIK, Rajiv** [IN/AT]; Haus 13/4, Unterer Schreiberweg, A-1190 Wien (AT).

(74) **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, 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 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 A61K 9/14, C07C 275/40

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(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) PCT/NL03/00381 22 May/mai 2003 NL (22.05.2003)

(30) 03078600.8 12 Nov/nov 2003 EP (12.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRODUCTION OF SMALL PARTICLES
• PRODUCTION DE PETITES PARTICULES

(71) **APPLIED NANOSYSTEMS B.V.** [NL/NL]; Postbus 100, NL-9700 AC Groningen (NL).

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(72, 75) **FRIGGERI, Arianna** [IT/NL]; Wilhelminakade 26, NL-9717 AB Groningen (NL). **VAN BOMMEL, Kjeld, Jacobus, Cornelis** [NL/NL]; Wilhelminakade 26,

NL-9717 AB Groningen (NL). **ROBIL-LARD, George, Thomas** [US/NL]; Bolt-slaan 2, NL-9801 BB Zuidhorn (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 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 A61K 9/16, 31/55, 38/13, 9/14

(11) WO 2004/103348 (13) A2

(21) PCT/US2004/015621

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,581 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SMALL-PARTICULE PHARMACEUTICAL FORMULATIONS OF ANTISEIZURE AND ANTIDEMENTIA AGENTS AND IMMUNOSUPPRESSIVE AGENTS

• PREPARATIONS PHARMACEUTIQUES DE PETITES PARTICULES D'ANTICONVULSIVANTS ET D'AGENTS CONTRE LA DEMENCE ET AGENTS IMMUNOSUPPRESSEURS

(71) **BAXTER INTERNATIONAL INC.** [US/US]; ONE BAXTER PARKWAY, DEERFIELD, IL 60015 (US).

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

(72, 75) **BARRETT, Rabinow, E.** [US/US]; 9119 Tripp Avenue, Skokie, IL 60076 (US). **WERLING, Jane** [US/US]; 605 South Highland Avenue, Arlington Heights, IL 60005 (US). **KONKEL, Jamie, Teresa** [US/US]; 835 Game Trail, Apt. 303, Lakemoor, IL 60050 (US). **DOTY, Mark, J.** [US/US]; 610 Kenilworth Street, Grayslake, IL 60030 (US). **REBBECK, Christine, L.** [US/US]; 525 Eagle Ridge Lane, Algonquin, IL 60102 (US).

(74) **MAYO, Michael, C. et al. / etc.**; Baxter International Inc., One Baxter Parkway, Deerfield, Illinois 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 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 A61K 9/28

(11) WO 2004/103349 (13) A2

(21) PCT/CR2004/000005

(22) 21 May/mai 2004 (21.05.2004)

(25) es (26) es

(30) 60/472,819 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BREAKABLE, CONTROLLED-RELEASE DEVICE COMPRISING A PRE-FORMED PASSAGE

• DISPOSITIF DE RUPTURE DE LIBERATION CONTROLÉE AVEC UN PASSAGE PREFORMÉ

(71) OSMOTICA COSTA RICA, SOCIEDAD ANONIMA [CR/CR]; P.O. Box 5173-1000, San José (CR).

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(72, 75) FAOUR, Joaquina [AR/AR]; Olleros 2312, 8 B, 1426 Buenos Aires (AR). VERGEZ, Juan, A. [AR/AR]; Uriburu 1316, Beccar, 1643 Buenos Aires (AR).

(74) GUARDIA ECHANDI, Tomás; Apartado Postal 5173-1000, San José (CR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K 9/50, 31/5585

(11) WO 2004/103350 (13) A1

(21) PCT/IB2004/001912

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03291180.2 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ORAL SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION

• COMPOSITION PHARMACEUTIQUE BUVABLE A LIBERATION PROLONGÉE

(71) ETHYPHARM [FR/FR]; 21, rue Saint-Mathieu, F-78550 Houdan (FR). TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi, Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).

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(72, 75) SALLE, Sandrine [FR/FR]; 4, route de Rosny, F-78980 Saint Illiers La Ville (FR).

GUERIN, Emmanuel [FR/FR]; 4, rue Maurice Berteaux, F-92700 Colombes (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 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 A61K 9/51, B01J 13/14

(11) WO 2004/103351 (13) A1

(21) PCT/GB2004/002196

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311664.7 21 May/mai 2003 GB (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CARRIER PARTICLES

• PARTICULES D'EXCIPIENT

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(74) JENKINS, Richard, Gavin; Marks & Clerk, 43 Park Place, Leeds LS1 2RY (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 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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(11) WO 2004/103352 (13) A1

(21) PCT/IB2004/002294

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472 835 23 May/mai 2003 US (23.05.2003)

(30) 60/475 667 4 Jun/juin 2003 US (04.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RAS ANTAGONISTS FOR TREATING NEURODEGENERATIVE DISORDERS

• ANTAGONISTES DE RENINE-ANGIOTENSINE (RAS) POUR LE TRAITEMENT DES MALADIES NEURODÉGÉNÉRATIVES

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(72, 75) KLOOG, Yoel [IL/IL]; 17 Nordau Street, 46585 Herzlia (IL). SHOHAMI, Esther [IL/IL]; 34 Meron Street, Mevasseret Zion (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 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 A61K 31/00

(11) WO 2004/103353 (13) A2

(21) PCT/US2004/015054

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,735 16 May/mai 2003 US (16.05.2003)

(30) 10/663,238 16 Sep/sep 2003 US (16.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TOPICAL TREATMENT OF SKIN CONDITIONS

• TRAITEMENT TOPIQUE DE PROBLÈMES DE PEAU

(71) JOHNSON & JOHNSON CONSUMER COMPANIES, INC. [US/US]; 199 Grandview Road, Skillman, NJ 08558 (US).

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Parade, Dulwich Hill, New South Wales 2203 (AU). **BHIDE, Vaishali** [IN/IN]; 4 Purnima Apartments, Mhasoba Maidan, Kalyan, Dist Thane, Maharashtra 421304 (IN).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K 31/05, A61P 31/18**

(11) **WO 2004/103354** (13) A1

(21) PCT/CN2004/000090

(22) **2 Feb/fév 2004 (02.02.2004)**

(25) zh (26) zh

(30) 03130876.7 **21 May/mai 2003 CN (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • 1'-ACETOXYCHAVICOL ACETATE, ENANTIOMERS AND DERIVATIVES THEREOF HAVING ANTI-HIV ACTIVITY

• ACETATE DE 1'-ACETOXYCHAVICOL, ENANTIOMERES ET LEURS DERIVES AYANT UNE ACTIVITE ANTI-VIH

(71) **HELIOEAST SCIENCE & TECHNOLOGY CO., LTD. NANCHANG** [CN/CN]; No. 789 Torch Street State, High-tech Industry Zone Nanchang, Jiangxi 330029 (CN).

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(72, 75) **YE, Ying** [CN/CN]; No. 789 Torch Street State, High-tech Industry Zone Nanchang, Jiangxi 330029 (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 PT 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 31/095**

(11) **WO 2004/103355** (13) A1

(21) PCT/US2004/015140

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,183 **13 May/mai 2003 US (13.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR AUGMENTING THE ANTITUMOR ACTIVITY OF ANTI-CANCER AGENTS

• PROCEDE POUR AUGMENTER L'ACTIVITE ANTITUMORALE D'AGENTS ANTICANCEREUX

(71) **HEALTH RESEARCH INC.** [US/US]; Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY 14263 (US).

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(72, 75) **RUSTUM, Youcef, M.** [US/US]; 178 Landings Drive, Amherst, NY 14228 (US). **CAO, Shousong** [US/US]; 8771 Millcreek Drive, East Amherst, NY 14051 (US). **DURRANI, Farukh** [IN/US]; 13 Campus Drive, Snyder, NY 14226 (US).

(74) **KADLE, Ranjana et al.** / etc.; Hodgson Russ LLP, Suite 2000, One M & T Plaza, 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 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 **A61K 31/138, 31/5375, 31/4704, A61P 25/00**

(11) **WO 2004/103356** (13) A2

(21) PCT/US2004/013005

(22) **11 May/mai 2004 (11.05.2004)**

(25) en (26) en

(30) 60/470,752 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF EMOTIONAL DYSREGULATION

• TRAITEMENT DU DYSFONCTIONNEMENT EMOTIONNEL

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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(72, 75) **ALLEN, Albert, John** [US/US]; 5201 McHenry Lane, Indianapolis, IN 46228 (US). **CLOUTIER, Kathleen, Ann** [US/US]; 9216 Lakewind Drive, Indianapolis, IN 46256 (US). **MICHELSON, David** [US/US]; 1264 Clay Spring Drive, Carmel, IN 46032 (US). **REIMHERR, Frederick, William** [US/US]; University of Utah Health Science Center, Department of Psychiatry, Salt Lake City, UT 84132 (US).

(74) **COHEN, Charles, E. et al.** / etc.; Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

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

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 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)

(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 **A61K 31/14**

(11) **WO 2004/103357** (13) A1

(21) PCT/US2004/014988

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/470,278 **14 May/mai 2003 US (14.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS FOR THE TREATMENT OF REDUCED BLOOD FLOW

• COMPOSITIONS POUR LE TRAITEMENT DE DEBIT SANGUIN BAS

(71) **PHARMACIA CORPORATION** [US/US]; Global Patent Department, 700

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ARNERIC, Stephen, P. [US/US]; 3498 Whistling Lane, Portage, MI 49024 (US).

(74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 31/16, 31/4045, 31/4745, 31/513, 31/704, 31/7068, 45/06, A61P 35/00, 35/04

(11) WO 2004/103358 (13) A2

(21) PCT/EP2004/005433

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,161 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMBINATION OF HISTONE DEACETYLASE INHIBITORS WITH CHEMOTHERAPEUTIC AGENTS

• COMBINAISON D'INHIBITEURS D'HISTONE DEACETYLASE AVEC DES AGENTS CHIMIOThERAPEUTIQUES

(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) ATADJA, Peter, Wisdom [CA/US]; 18 Eastbrook Road, Parsippany, NJ 07054 (US).
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TROGANI, Nancy [US/US]; 1210 Birch Street, Boonton, NJ 07005 (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 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 A61K 31/165, 45/00, A61P 25/24

(11) WO 2004/103359 (13) A1

(21) PCT/US2004/015408

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,302 16 May/mai 2003 US (16.05.2003)

(30) 10/845,836 14 May/mai 2004 US (14.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHARMACEUTICAL COMBINATION COMPRISING MODAFINIL AND ANOTHER DRUG

• COMBINAISON MEDICAMENTEUSE ASSOCIANT LE MODAFINIL A UN AUTRE MEDICAMENT

(71) CEPHALON, INC. [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).
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(72, 75) HUGHES, Rodney, J. [US/US]; 106 Soltner Drive, Kennett Square, PA 19348 (US).
VAUGHT, Jeffry, L. [US/US]; 206 Kathleen Way, Glenmoore, PA 19343 (US).

(74) MILLER, Suzanne, E. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 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 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 A61K 31/235, A61P 31/12, 31/18

(11) WO 2004/103360 (13) A1

(21) PCT/JP2003/006422

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOUNDS AND PREPARATIONS HAVING ANTIVIRAL EFFECT

• COMPOSES ET PREPARATIONS PRODUISANT UN EFFET ANTIVIRAL

(71) LEAD CHEMICAL CO., LTD. [JP/JP]; 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP).

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(71, 72) MORI, Masao [JP/JP]; 248, Tenshoji, Toyama-shi, Toyama 930-0955 (JP).

(72, 75) SAITO, Haruo [JP/JP]; c/o Lead Chemical CO., Ltd., 77-3, Himata, Toyama-shi, Toyama 930-0912 (JP).
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(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) AE AG AL 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 A61K 31/343

(11) WO 2004/103361 (13) A2

(21) PCT/IB2004/001657

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 712/DEL/2003 20 May/mai 2003 IN (20.05.2003)

(30) 710/DEL/2003 20 May/mai 2003 IN (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PHARMACEUTICAL DOSAGE FORM OF CITALOPRAM

• FORME POSOLOGIQUE PHARMACEUTIQUE DE CITALOPRAM

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi 110 019, Delhi (IN).

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(72, 75) **DABRE, Rahul** [IN/IN]; 15-A, Ujwal Society, Narender Nagar, Nagpur, Maharashtra 440015 (IN). **SINGLA, Ajay, Kumar** [IN/IN]; House No. 409, Sector - 20A, Chandigarh 160020 (IN). **SETHI, Sanjeev** [IN/IN]; House No. 365, Sector - 8, Faridabad, Haryana 121006 (IN). **MALIK, Rajiv** [IN/AT]; Haus 13/4, Unterer Schreiberweg, A-1190 Wien (AT).

(74) **RANBAXY LABORATORIES LIMITED**; c/o Deshmukh, Jay R., 600 College Road East, Suite 2100, 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 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 **A61K 31/365, 9/06, 9/10, 9/20, 7/46**

(11) **WO 2004/103362** (13) A1

(21) PCT/CN2004/000450

(22) **8 May/mai 2004 (08.05.2004)**

(25) zh (26) zh

(30) 03123500.X **9 May/mai 2003 (09.05.2003)** CN

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FORMULATION OF THE TOTAL ANHYDRIDES OF CANTHARIDIN FOR THE TREATMENT AND PREVENTION OF SEVERE ACUTE RESPIRATORY SYNDROME INFECTIONS AND THE PREPARATION THEREOF

• FORMULATION CONTENANT LE TOTAL D'ANHYDRIDES DE CANTHARIDINE POUR LE TRAITEMENT ET LA PREVENTION DU SYNDROME RESPIRATOIRE AIGU SEVERE (SRAS), ET PREPARATION DE CETTE FORMULATION

(71, 72) **WANG, Wei** [CN/CN]; 68 Huancheng Road, Mindang Bioengineering Industry Ltd., Min County, Gansu 748400 (CN).

(74) **CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD**; 15/F. Bldg. B, Tsinghua Tongfang Hi-Tech Plaza, No. 1, Wangzhuang Road, 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 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 **A61K 31/4025, 47/40, A61P 33/00**

(11) **WO 2004/103363** (13) A1

(21) PCT/EP2004/005157

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) MI2003A001015 **20 May/mai 2003 (20.05.2003)** IT

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF POLY-AMMINOPYRROLE-CARBOXAMIDES ALONE OR IN COMBINATION WITH A CYCLODEXTRIN IN THE PROPHYLAXIS AND TREATMENT OF ANIMAL PARASITOSIS

• UTILISATION DE POLY-AMMINOPYRROLECARBOXAMIDES SEULS OU EN COMBINAISON AVEC UNE CYCLODEXTRINE POUR PREVENIR ET TRAITER LA PARASITOSE DES ANIMAUX

(71) **NAXOSPHARMA S.R.L.** [IT/IT]; Via XVI Strada, 22, I-20020 CESATE (IT).

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(72, 75) **LOMBARDI, Paolo** [IT/IT]; Via XVI Strada, 22, I-20020 CESATE (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-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 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 **A61K 31/405, A61P 11/00, 11/06, 11/08**

(11) **WO 2004/103364** (13) A2

(21) PCT/US2004/015449

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,283 **16 May/mai 2003 (16.05.2003)** US

(30) 60/471,896 **19 May/mai 2003 (19.05.2003)** US

(30) 60/517,937 **5 Nov/nov 2003 (05.11.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF RESPIRATORY DISEASE ASSOCIATED WITH MATRIX METALLOPROTEASES BY INHALATION OF SYNTHETIC MATRIX METALLOPROTEASE INHIBITORS

• TRAITEMENT DE MALADIES RESPIRATOIRES INDUITES PAR LES METALLOPROTEASES MATRICIELLES PAR INHALATION D'INHIBITEURS DE SYNTHESE DES METALLOPROTEASES MATRICIELLES

(71) **ARRIVA PHARMACEUTICALS, INC.** [US/US]; 2020 Challenger Drive, Alameda, CA 94501 (US).

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(72, 75) **BARR, Philip, J.** [GB/US]; 5602 Denton Place, Oakland, CA 94619 (US). **PEMBERTON, Philip, A.** [NZ/US]; 439 Midway Avenue, San Mateo, CA 94402 (US).

(74) **LAUREL Finch**; Heller Ehrman Venture Law Group, 2775 Sand Hill Road, 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 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 **A61K 31/4184, 31/055, A61P 19/02**

(11) **WO 2004/103365** (13) A1

(21) PCT/US2004/016030

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,382 **21 May/mai 2003 (21.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANTIARTHRITIC COMBINATIONS

• COMBINAISONS ANTIARTHRITIQUES

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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(74) **STRAHER, Michael, P.**; Cozen O'Connor, 1900 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 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 A61K 31/42, C07D 261/08, A61K 31/4245, C07D 271/06, A61P 31/12, A61K 31/4164, C07D 233/54, A61K 31/4196, C07D 249/08, A61K 31/415, C07D 231/12, A61K 31/425, C07D 275/02, A61K 31/421, C07D 263/32

(11) WO 2004/103366 (13) A1

(21) PCT/US2004/014520

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/440,349 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HETEROCYCLIC COMPOUNDS USEFUL TO TREAT HCV

• COMPOSES HETEROCYCLIQUES UTILES POUR TRAITER LE VIRUS DE L'HEPATITE C

(71) RIGEL PHARMACEUTICALS [US/US]; 1180 Veteran's Boulevard, South San Francisco, CA 94080 (US).

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(72, 75) SINGH, Rajinder [GB/GB]; 1832 Hillman Avenue, Belmont, CA 94002 (US). GOFF, Dane [US/US]; 77 Markham Ave., Redwood City, CA 94063 (US). PARTRIDGE, John [US/US]; P.O. Box 16832, Chapel Hills, NC 27516 (US).

(74) ROTHENBERGER, Scott, D. et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K 31/428, C07D 277/82, 417/04, 417/14, A61P 25/00

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(21) PCT/EP2004/005179

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03011090.2 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BENZOTHAZOLE DERIVATIVES AND USE THEREOF IN THE TREATMENT OF DISEASES RELATES TO THE ADENOSINE A2A RECEPTOR

• DERIVES DU BENZOTHAZOLE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES LIEES AU RECEPTEUR A2A DE L'ADENOSINE

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzachstrasse 124, CH-4070 Basel (CH).

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(72, 75) FLOHR, Alexander [CH/CH]; St. Galler-Ring 142, CH-4054 Basel (CH). JAKOB-ROETNE, Roland [DE/DE]; Oberer Basellblick 37, 79594 Inzlingen (DE). NORCROSS, Roger, David [GB/CH]; Alte Saline 20, CH-4310 Rheinfelden (CH). RIEMER, Claus [DE/DE]; Opitzstrasse 5, 79110 Freiburg (DE).

(74) POPPE, Regina; 124 Grenzachstrasse, 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 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 A61K 31/429, 31/445, 31/7008, A61P 25/28, C12Q 1/34

(11) WO 2004/103368 (13) A1

(21) PCT/CA2004/000758

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,439 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF TAY SACHS OR SANDHOFF DISEASES BY ENHANCING HEXOSAMINIDASE ACTIVITY

• TRAITEMENT DES MALADIES DE TAY SACHS OU DE SANDHOFF PAR RENFORCEMENT DE L'ACTIVITE D'UNE HEXOSAMINIDASE

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(74) RAE, Patricia A.; Sim & McBurney, 330 University Avenue, 6th 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 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 A61K 31/4406, 33/24, 31/282, 31/70, 31/4745, 31/513, 31/7068, 31/337, 31/555, 31/704, A61P 35/00, A61K 31/475

(11) WO 2004/103369 (13) A1

(21) PCT/JP2004/007562

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003-148073 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHARMACEUTICAL COMPOSITION CONTAINING HISTONE DEACETYLASE INHIBITOR

• COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR D'HISTONE DEACETYLASE

(71) SCHERING AKTIENGESSELLSCHAFT [DE/DE]; Muellerstrasse 178, 13353 Berlin (DE).

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(72, 75) NAKANISHI, Osamu [JP/JP]; 1656-13, Tokecho, Midori-ku, Chiba-shi, Chiba 2670061 (JP). SUGAWARA, Tatsuo [JP/JP]; 18-1, Oyuminoariyoshi, Midori-ku, Chiba-shi, Chiba 2660034 (JP). MIGITA, Hideyuki [JP/US]; 207 Shoreline Court, Richmond, CA 94804 (US). MATSUBA, Yasuhiro [JP/JP]; 9-4-802, Nakayacho, Nishinomiya-shi, Hyogo 6620868 (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 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 A61K 31/455, 31/00, 31/403, 31/437, 31/538, A61P 3/06

(11) WO 2004/103370 (13) A1

(21) PCT/US2004/014980

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,665 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF TREATING ATHEROSCLEROSIS, DYSLIPIDEMIAS AND RELATED CONDITIONS AND PHARMACEUTICAL COMPOSITIONS

• METHODE DE TRAITEMENT DE L'ATHEROSCLEROSE, DYSLIPIDEMIE ET ETATS RELATIFS ET COMPOSITIONS PHARMACEUTIQUES

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(72, 75) CHENG, Kang [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WATERS, M., Gerard [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). METTERS, Kathleen, M. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). O'NEILL, Gary [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(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 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 A61K 31/4745, 31/64, 31/426, A61P 1/12

(11) WO 2004/103371 (13) A1

(21) PCT/IB2004/001660

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/472,348 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF CFTR INHIBITORS FOR THE TREATMENT OF CHEMOTHERAPY-INDUCED DIARRHEA

• UTILISATION D'INHIBITEURS DE CFTR DANS LE TRAITEMENT DE LA DIARRHÉE INDUITE PAR LA CHIMIOTHERAPIE

(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) WARE, Joseph, Alan [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).

(74) FULLER, Grover, F., Jr. et al. / etc.; c/o SIMPSON, Alison, Urquhart-Dykes & Lord LLP, 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 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 A61K 31/495, A61P 25/34

(11) WO 2004/103372 (13) A1

(21) PCT/IB2004/001613

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/472,098 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHARMACEUTICAL COMPOSITIONS OF VARENICLINE

• COMPOSITIONS PHARMACEUTIQUES A BASE DE VARENICLINE

(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) WATERMAN, Kenneth, Craig [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr. 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 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).

Published / Publiée : (b)

(51)⁷ A61K 31/496, 31/4725, 47/32, 47/38, 9/08, A61P 31/04, 27/02

(11) WO 2004/103373 (13) A1

(21) PCT/JP2004/007312

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146621 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPHTHALMIC SOLUTION CONTAINING QUINOLONE ANTIMICROBIAL COMPOUND

• SOLUTION OPHTALMIQUE CONTENANT UN COMPOSE ANTIMICROBIEN A BASE DE QUINOLONE

(71) SANTEN PHARMACEUTICAL CO., Ltd. [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku., Osaka-shi., Osaka5338651 (JP). DAIICHI PHARMACEUTICAL CO., LTD. [JP/JP]; 14-10, Nihonbashi 3-chome., Chuo-ku., Tokyo1038234 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ASADA, Hiroyuki [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., Ltd., 9-19, Shimoshinjo 3-chome., Higashiyodogawa-ku, Osaka-shi., Osaka5338651 (JP). KIMURA, Akio [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., Ltd., 9-19, Shimoshinjo 3-chome., Higashiyodogawa-ku, Osaka-shi., Osaka5338651 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K 31/506, A61P 35/00, A61K 31/137, 31/337, 31/282, 31/513

(11) WO 2004/103374 (13) A2

(21) PCT/EP2004/002769

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 0311971.6 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TREATMENT OF HEAD AND NECK CANCERS

• TRAITEMENT DES CANCERS DE LA TÊTE OU DU COU

(71) PATERSON INSTITUTE FOR CANCER RESEARCH [GB/GB]; Wilmslow Road,

- Manchester M20 4BX (GB). **CHRISTIE HOSPITAL NHS TRUST** [GB/GB]; Wilmslow Road, Manchester M20 4BX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WARD, Timothy** [GB/GB]; 9 Clough Drive, Prestwich Village, Manchester M25 3JS (GB). **BRUCE, Iain** [GB/GB]; 121 Knutsford Road, Wilmslow, Cheshire SK9 6EL (GB).
- (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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- (51)⁷ **A61K 31/51, 31/7004, 33/14, 31/405, 31/4172, 31/401, 31/198, A61P 3/02**
- (11) **WO 2004/103375** (13) A1
- (21) PCT/JP2004/006539
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) ja (26) ja
- (30) 2003-145353 **22 May/mai 2003 JP (22.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • TRANSFUSION PREPARATION FOR PERIPHERAL INTRAVENOUS ADMINISTRATION AND METHOD OF STABILIZING VITAMIN B1
- PREPARATION DE TRANSFUSIONS POUR ADMINISTRATION INTRAVEINEUSE PERIPHERIQUE ET PROCEDE DE STABILISATION DE LA VITAMINE B1
- (71) **OTSUKA PHARMACEUTICAL FACTORY, INC.** [JP/JP]; 115, Aza Kuguhara, Tateiwa, Muya-cho, Naruto-shi Tokushima, 7728601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MITSUMOTO, Yasuhiro** [JP/JP]; 12-9, Aza Suberiawahama, Ohkuwajima, Muya-cho, Naruto-shi Tokushima, 7720011 (JP). **ARITA, Shigeaki** [JP/JP]; 108-5, Aza Nishinakano, Tainohama, Kitajima-cho, Itano-gun Tokushima, 7710204 (JP). **TANI, Seiji** [JP/JP]; 5-1, Nishisenba-cho 5-chome, Tokushima-shi Tokushima, 7700901 (JP). **SUMIYOSHI, Nobuaki** [JP/JP]; 15-38, Aza Umakoshi, Akinokami, Seto-cho, Naruto-shi Tokushima, 7710360 (JP).
- (74) **FUKAI, Toshikazu**; Treemont Hoei Bldg., 3-4, Funakoshi-cho 1-chome, chuo-ku, Osaka-shi, Osaka, 5400036 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 31/565, 31/566, 31/57, 31/575, A61P 27/00, A61K 7/48**
- (11) **WO 2004/103376** (13) A2
- (21) PCT/EP2004/004944
- (22) **6 May/mai 2004 (06.05.2004)**
- (25) en (26) en
- (30) 0311816.3 **22 May/mai 2003 GB (22.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SKIN TREATMENTS
- TRAITEMENTS POUR LA PEAU
- (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) **GUNN, David** [GB/GB]; Unilever PLC, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). **JENKINS, Gail** [GB/GB]; Unilever PLC, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (74) **FINNIE, Nicholas**; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford 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 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 **A61K 31/565, A61P 19/02**
- (11) **WO 2004/103377** (13) A1
- (21) PCT/NL2004/000354
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 03076555.6 **22 May/mai 2003 EP (22.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • USE OF COMPOSITIONS COMPRISING AN ESTROGENIC COMPONENT FOR THE TREATMENT AND PREVENTION OF MUSCULOSKELETAL PAIN
- UTILISATION DE COMPOSITIONS COMPRENANT UN COMPOSANT OESTROGENE POUR LE TRAITEMENT ET LA PREVENTION DE LA DOULEUR MUSCULO-SQUELETTIQUE
- (71) **PANTARHEI BIOSCIENCE B.V.** [NL/NL]; Boslaan 13, NL-3701 CH Zeist (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COELINGH BENNINK, Herman, Jan Tijmen** [NL/NL]; Melvill van Carnbeelaan 38, NL-3971 BE Driebergen (NL). **BUN-SCHOTEN, Evert, Johannes** [NL/NL]; Plantsoen 16, NL-5384 EV Heesch (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 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).
- Published / Publiée : (a)
-
- (51)⁷ **A61K 31/567, 9/20**
- (11) **WO 2004/103378** (13) A1
- (21) PCT/EP2004/050852
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 03101500.1 **23 May/mai 2003 EP (23.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IMMEDIATE-RELEASE PHARMACEUTICAL DOSAGE FORM COMPRISING POLYMORPHOUS TIBOLONE
- FORME POSOLOGIQUE PHARMACEUTIQUE A LIBERATION IMMEDIATE COMPRENANT DE LA TIBOLONE POLYMORPHE
- (71) **AKZO NOBEL N.V.** [NL/NL]; Akzo Nobel N.V., Velperweg 76, NL-6824 BM Arnhem (NL).

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

(72, 75) **DE HAAN, Pieter** [NL/NL]; N.V. Organon, P.O. Box 20, NL-5340 BH Oss (NL).

(74) **VAN DEN BROEK, Ludovicus A.G.M.**; P.O. BOX 20, NL-5340 BH OSS (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 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).

Published / Publiée : (c)

(51)⁷ **A61K 31/58, 31/137, 9/12, 9/72, A61P 11/00, A61K 9/00, 31/452**

(11) **WO 2004/103379** (13) A1

(21) PCT/EP2004/050846

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/472,466 **22 May/mai 2003 US (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SALMETEROL AND CICLESONIDE COMBINATION**
• **COMBINAISON DE SALMETEROL ET CICLESONIDE**

(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) **MUELLER, Helgert** [DE/DE]; Zum Lerchental 1a, 78315 Radolfzell (DE).
SHAH, Tushar, P. [US/US]; 124 Hillcrest Road, Flemington, NJ 08822

(74) **KRATZER, Bernd**; 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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ **A61K 31/7048, 31/353, 7/48, A61P 15/12, 19/10, A23K 1/16, A23L 1/30**

(11) **WO 2004/103380** (13) A1

(21) PCT/JP2004/006726

(22) **19 May/mai 2004 (19.05.2004)**

(25) ja (26) ja

(30) 2003-142602 **20 May/mai 2003 JP (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **WATER-SOLUBLE ISOFLAVONE COMPOSITION, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF**

• **COMPOSITION D'ISOFLAVONE HYDROSOLUBLE, PROCÉDE DE PRODUCTION DE CETTE COMPOSITION, ET UTILISATION CORRESPONDANTE**

(71) **TOYO SUGAR REFINING CO., LTD.** [JP/JP]; 18-20, Koami-cho, Nihonbashi, Chuo-ku, Tokyo, 1030016 (JP).
(only for / seulement pour JP KR)

(71) **KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO** [JP/JP]; 2-3, Shimoishii 1-chome, Okayama-shi, Okayama, 7000907 (JP).

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

(72, 75) **KIDO, Taketoshi** [JP/JP]; c/o TOYO SUGAR REFINING CO., LTD., Chiba Factory, 6-41, Iwasaki-Nishi 1-chome, Ichihara-shi, Chiba, 2900046 (JP).
IIDA, Yoshihisa [JP/JP]; c/o TOYO SUGAR REFINING CO., LTD., Chiba Factory, 6-41, Iwasaki-Nishi 1-chome, Ichihara-shi, Chiba, 2900046 (JP).
YUMOTO, Takashi [JP/JP]; c/o TOYO SUGAR REFINING CO., LTD., Chiba Factory, 6-41, Iwasaki-Nishi 1-chome, Ichihara-shi, Chiba, 2900046 (JP).
MIYAKE, Toshio [JP/JP]; 3-23, Ishima-cho 1-chome, Okayama-shi, Okayama, 7000016 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61K 31/715, A61P 25/28**

(11) **WO 2004/103381** (13) A1

(21) PCT/EP2004/050860

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) MI2003A001023 **21 May/mai 2003 IT (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **GLYCOSAMINOGLYCANS FOR TREATMENT EMOTIONAL DYSFUNCTIONS**

• **GLYCOSAMINOGLYCANS DESTINES AU TRAITEMENT DE TROUBLES EMOTIONNELS**

(71, 72) **CORNELLI, Umberto** [IT/IT]; Cornelli Consulting S.A.S., Corso Indipendenza 1, I-20129 Milano (IT).

(72, 75) **DE AMBROSI, Luigi** [IT/IT]; Via Carducci 8, I-13048 Santhia (IT).
LORENS, Stanley [US/US]; 133 Rockford 8, Forest Park, Illinois 60130 (US).
FAREED, Jawed [US/US]; 11061 Eaton Court, Westchester, Illinois 60154 (US).
LEE, John [US/US]; 920 Pawnee, Wilmette, Illinois 60091 (US).
HANIN, Israel [US/US]; 1530 N. Dearborn Parkway, Apt. 17S, Chicago, Illinois 60610 (US).
MERVIS, Ronald [US/US]; 384 Cooke Road, Columbus, Ohio 43214 (US).

(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 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61K 33/24, 31/555, 31/28**

(11) **WO 2004/103382** (13) A1

(21) PCT/US2003/015772

(22) **20 May/mai 2003 (20.05.2003)**

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COMBINATION CHEMOTHERAPY COMPRISING 5-FLUOROURACIL OR A DERIVATIVE THEREOF AND A LIPOSOMAL PLATINUM COMPLEX**

- CHIMIOThERAPIE COMBINÉE COM-PRENANT 5-FLUOROURACIL OU UN DE SES DERIVES ET UN COMPLEXE DE PLATINE LIPOSOMAL
- (71) **ARONEX PHARMACEUTICALS, INC.** [US/US]; 3 Forbes Road, Lexington, MA 02421 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEWIS, Jonathan** [US/US]; 300 East 56th Street, New York, NY 10022 (US).
HOOS, Axel [DE/US]; 322 West 57 th Street, New York, NY 10022 (US). **GALE, Robert, Peter** [CN/US]; 11693 San Vicente Blvd., Los Angeles, CA 90049 (US).
- (74) **ANTLER, Adriane, M. et al.** / etc.; Jones Day, 222 East 41st Street, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 33/32, 33/00, A61P 3/02, 17/02, A61K 31/198, A23L 1/29, 1/305, 1/302, 1/304**
- (11) **WO 2004/103383** (13) A1
- (21) PCT/NL2004/000355
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 03076556.4 **22 May/mai 2003 EP (22.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A METHOD OF TREATING OR PREVENTING CHRONIC WOUNDS AND A COMPLETE NUTRITIONAL COMPOSITION COMPRISING GLYCINE AND/OR LEUCINE FOR USE THEREIN
- METHODE PERMETTANT DE TRAITER OU DE PREVENIR DES BLESSURES CHRONIQUES ET COMPOSITION NUTRITIONNELLE COMPLETE COMPRENANT DE LA GLYCINE ET/OU DE LA LEUCINE DESTINEE A ETRE UTILISEE DANS LADITE METHODE
- (71) **N.V. NUTRICIA** [NL/NL]; Eerste Stationsstraat 186, NL-2712 HM Zoetermeer (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOUTERS-WESSELING, Wendeline** [NL/NL]; Corry Vonkstraat 34, NL-6708 ND Wageningen (NL). **WAGENAAR, Lisette, Wilhelmina** [NL/NL]; Dorpsstraat 30E, nl-3732 HJ De Bilt (NL).
- (74) **VAN WESTENBRUGGE, Andries**; Nederlandsche 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 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).

Published / Publiée : (a)

(51)⁷ **A61K 35/58, A61P 35/00**

(11) **WO 2004/103384** (13) A1

(21) PCT/DE2004/001017

(22) **14 May/mai 2004 (14.05.2004)**

(25) de (26) de

(30) 103 22 656.7 **20 May/mai 2003 DE (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PHARMACEUTICAL ACTIVE AGENT CONTAINING A PEPTIDE TOXIN EXTRACTED FROM THE VENOM OF SNAKES IN THE GENUS *CROTALUS*

- PRINCIPE ACTIF PHARMACEUTIQUE CONTENANT UNE TOXINE PEPTIDIQUE EXTRAITE DU VENIN DE SERPENTS DE LA FAMILLE DES CROTALES

(71) **TOXIMED GMBH** [DE/DE]; Tal 34, 80331 München (DE).

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(72, 75) **WEICKMANN, Dirk** [DE/DE]; Ligsalzstrasse 36, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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Declarations / Déclarations :

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(51)⁷ **A61K 35/78, A61P 9/12**

(11) **WO 2004/103385** (13) A1

(21) PCT/CN2003/000740

(22) **3 Sep/sep 2003 (03.09.2003)**

(25) zh (26) zh

(30) 03112251.5 **20 May/mai 2003 CN (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • A MEDICAMENT FOR TREATMENT OF HYPERTENSION

- MEDICAMENT DESTINE AU TRAITEMENT DE L'HYPERTENSION

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(72, 75) **ZHANG, Ling** [CN/CN]; N° 264 Shandalu, Jinan, Shandong 250014 (CN). **JING, Rui** [CN/CN]; N° 264 Shandalu, Jinan, Shandong 250014 (CN). **LU, Han** [CN/CN]; N° 264 Shandalu, Jinan, Shandong 250014 (CN).

(74) **CHINA TRADEMARK & PATENT LAW OFFICE CO., LTD.**; 14, Yuetan Nanjie, Xichengqu, Yucxin Bld., Beijing 100045 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 **A61K 35/78, C07D 311/30, A61P 25/22**

(11) **WO 2004/103386** (13) A1

(21) PCT/CN2004/000470

(22) **12 May/mai 2004 (12.05.2004)**

(25) zh (26) zh

(30) 03136556.6 **23 May/mai 2003 CN (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NEW USE OF BAICALIN FOR TREATING ANXIETY

- NOUVELLE UTILISATION DE BAICAILINE POUR TRAITER L'ANXIETE

(71) **PHARMACO GENETICS LIMITED** [CN/CN]; Rm. 3633, Annex Building, HKUST, Clear Water Bay, Kowloon, Hong Kong (CN).

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(74) **KANGXIN & PARTNERS**; Suite 2516, Xinlong Mansion, A33 Erlonglu, Xicheng District, 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 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 A61K 35/78, A61P 13/08

(11) WO 2004/103387 (13) A1

(21) PCT/CN2004/000531

(22) 24 May/mai 2004 (24.05.2004)

(25) zh (26) zh

(30) 03128889.8 25 May/mai 2003 CN (25.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THE USES OF BAMBOO LEAF TOTAL FLAVONES FOR THE PREPARATION OF MEDICAMENTS AND HEALTH FOODS FOR PREVENTING AND TREATING FOR PROSTATE DISEASES

• UTILISATIONS DES FLAVONES DE LA FEUILLE DE BAMBOU POUR PREPARER DES MEDICAMENTS ET DES PRODUITS ALIMENTAIRES HYGIENIQUES PERMETTANT DE PREVENIR OU DE TRAITER DES MALADIES DE LA PROSTATE

(71) ZHEJIANG UNIVERSITY (HANGZHOU) LEAF BIO-TECHNOLOGY CO., LTD. [CN/CN]; Food Bld., Huajiachi Campus of Zhejiang Univ., 268 Kaixuan Road, Hangzhou, Zhejiang 310029 (CN).
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(74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; XU, Xun, 435 Guiping Road, Shanghai 200233 (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 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 A61K 35/78

(11) WO 2004/103387 (13) A2

(21) PCT/IB2004/001631

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,567 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSECT REPELLENT

• INSECTIFUGE

(71) BIONICHE LIFE SCIENCES INC. [CA/CA]; 231 Dundas Street E., Belleville, Ontario K8N 5J2 (CA).

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(72, 75) BAKER, John, D. [CA/CA]; R.R.#4, Stirling, Ontario K0K 3E0 (CA). ARNASON, John, T. [CA/CA]; 247 Cowley Avenue, Ottawa, Ontario K1Y 0H2 (CA). MCRAE, Calum [CA/CA]; 377 Dundas Street W., Belleville, Ontario K8P 1B3 (CA). WADE, Jose, M. [IE/IE]; 182 The Grove Celbridge (IE). ALKEMADE, Stanley, J. [CA/CA]; 12801 Medway Road, RR #1, Arva, Ontario N0M 1C0 (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 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 A61K 38/00

(11) WO 2004/103389 (13) A2

(21) PCT/EP2004/006288

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03 06 190 22 May/mai 2003 FR (22.05.2003)

(30) 60/529,697 16 Dec/déc 2003 US (16.12.2003)

(30) 60/553,569 17 Mar/mar 2004 US (17.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEANS FOR PREVENTING AND TREATING CELLULAR DEATH AND THEIR BIOLOGICAL APPLICATIONS

• MOYENS POUR PREVENIR ET TRAITER LA MORT CELLULAIRE ET APPLICATIONS BIOLOGIQUES ASSOCIEES

(71) THERAPTOSIS SA [FR/FR]; Pasteur Bio Top, 25, Rue du Docteur Roux, F-75015 Paris (FR).

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(72, 75) CHAUVIER, David [FR/FR]; 7, Rue Henri Gatinot, F-92320 Chatillon (FR). BORGNE, Annie [FR/FR]; 10, Rue de Budapest, F-75009 Paris (FR). JACOTOT, Etienne [FR/FR]; 171, Rue Lecourbe, F-75015 Paris (FR). LANGONNE, Alain [FR/FR]; 151, Rue du Château, F-75014 Paris (FR). LECOEUR, Hervé [FR/FR]; 113, Rue Didot, F-75014 Paris (FR). REBOUILLAT, Dominique [FR/FR]; 36, Rue du Hameau, F-75015 Paris (FR).

(74) PEAUCELLE, Chantal et al. / etc.; Cabinet Armengaud Aine, 3, Avenue Bugeaud, F-75116 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 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 A61K 38/00

(11) WO 2004/103390 (13) A2

(21) PCT/US2004/015488

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,411 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STABLE ANALOGS OF PEPTIDE AND POLYPEPTIDE THERAPEUTICS

• AGENTS THERAPEUTIQUES COMPRENANT DES ANALOGUES STABLES DE PEPTIDES ET DE POLYPEPTIDES

(71) TRUSTEES OF TUFTS COLLEGE [US/US]; Ballou Hall, Medford, MA 02155 (US).

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(72, 75) BACHOVCHIN, William, W. [US/US]; 7 Warwick Street, Melrose, MA 02176 (US). LAI, Hung-Sen [US/US]; 7 Conant Road U-70, Winchester, MA 01890 (US). SANFORD, David, George [US/US]; 52 Hopkins Street, Reading, MA 01867 (US).

(74) VINCENT, Matthew, P. 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 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 A61K 38/02, 38/01, A61P 1/16, A23L
1/305, A23J 3/34
- (11) WO 2004/103391 (13) A1
(21) PCT/JP2004/006525
(22) 14 May/mai 2004 (14.05.2004)
(25) ja (26) ja
(30) 2003-144391 22 May/mai 2003 JP
(22.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • HEPATIC LIPID METABOLISM AC-
CELERATING AGENT, HEPATIC
LIPID METABOLISM ACCELERAT-
ING HEALTH FOOD AND PROCESS
FOR PRODUCING PEPTIDE MIXTURE
AS ACTIVE INGREDIENT THEREOF
• AGENT D'ACCELERATION DU ME-
TABOLISME LIPIDIQUE HEPA-
TIQUE, ALIMENTS DIETETIQUES
D'ACCELERATION DU METABO-
LISME LIPIDIQUE HEPATIQUE ET
PROCEDE DE PRODUCTION D'UN
MELANGE PEPTIDIQUE UTILISE
COMME INGREDIENT ACTIF
- (71) FUJI OIL COMPANY, LIMITED [JP/JP];
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- (72, 75) FUKUTA, Nobuhiro [JP/JP]; 4-35-801,
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Oil Company, Limited, Hannan Factory,
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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 A61K 38/17, 45/00, A61P 43/00, C07K
14/46, C12P 21/02
- (11) WO 2004/103393 (13) A1
(21) PCT/JP2003/014004
(22) 31 Oct/oct 2003 (31.10.2003)
(25) ja (26) ja
(30) 2003-141083 19 May/mai 2003 JP
(19.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CONTROL OF FUNCTION OF INTRA-
CELLULAR Ca ION
• COMMANDE DE FONCTION DE ION
CA INTRACELLULAIRE
- (71) JAPAN SCIENCE AND TECHNOLOGY
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- (74) SAEKI, Norio; 9th floor, Taka-ai Building,
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103-0027 (JP).
- (81) CA JP US.
- (51)⁷ A61K 38/08, 38/12, A61P 17/02, 39/00,
C07K 7/56
- (11) WO 2004/103392 (13) A1
(21) PCT/AU2004/000703
(22) 26 May/mai 2004 (26.05.2004)
(25) en (26) en
- (30) 2003902586 26 May/mai 2003 AU
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF TREATMENT OF SYS-
TEMIC INJURY SECONDARY TO
BURNS
• METHODE DE TRAITEMENT DE
LESIONS SYSTEMIQUES CONSECU-
TIVES A DES BRULURES
- (71) THE UNIVERSITY OF QUEENSLAND
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Main Street, BEENLEIGH, Queensland 4207
(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 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 A61K 38/17, A61P 25/00, 25/28, G01N
33/68
- (11) WO 2004/103394 (13) A2
(21) PCT/US2004/015264
(22) 17 May/mai 2004 (17.05.2004)
(25) en (26) en
(30) 60/470,913 15 May/mai 2003 US
(15.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND COMPOSITIONS FOR
NERVE REGENERATION
• PROCEDES ET COMPOSITIONS DE
REGENERATION NERVEUSE
- (71) UNIVERSITY OF CHICAGO [US/US];
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- (72) ZOU, Yimin; 1000 E. 53rd St., 411S,
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- (74) WELCH, Teresa, J.; Michael Best &
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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)⁶ A61K 38/21
- (11) WO 2004/103395 (13) A2
(21) PCT/JP1999/004281
(22) 6 Aug/août 1999 (06.08.1999)
(25) ja (26) ja
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF INHIBITING CELL
GROWTH
• PROCEDE D'INHIBITION DE LA
CROISSANCE CELLULAIRE
- (71) YANAI, Akira [JP/JP]; 16-5, Shonankoku-
saimura 1-chome, Yokosuka-shi, Kanagawa
240-0107 (JP). SONE, Saburo [JP/JP];
1120-3, Yoshida-cho, Totsuka-ku, Yoko-
hama-shi, Kanagawa 244-0817 (JP). KA-
JITA, Akemi [JP/JP]; 936-16, Daigiri,
Fujisawa-shi, Kanagawa 251-0002 (JP).
- (81) US.
- Published / Publiée : (e): 16Sep/sep 2003
(16.09.2003), 6620411, (i)
- (51)⁷ A61K 38/21, 9/12, 9/14, A61P 31/12, 35/00
- (11) WO 2004/103396 (13) A1
(21) PCT/US2004/014261
(22) 7 May/mai 2004 (07.05.2004)
(25) en (26) en

(30) 60/469,079 **8 May/mai 2003** US
(08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS FOR ENHANCED
MUCOSAL DELIVERY OF INTER-
FERON ALPHA

• COMPOSITIONS PERMETTANT UNE
DISTRIBUTION MUCOSALE AME-
LIOREE DE L'INTERFERON ALPHA

(71) NASTECH PHARMACEUTICAL INC.
[US/US]; 3450 Monte Villa Parkway, Both-
ell, WA 98021-8906 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) QUAY, Steven, C. [US/US]; 23632
HWY 99 Suite F PMB 454, Edmonds, WA
98026-9224 (US). ABD EL-SHAFFY, Mo-
hammed [EG/US]; 428 Town Line Road,
Hauppauge, NY 11788 (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 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 A61K 38/36, 38/37, A61P 7/04

(11) WO 2004/103397 (13) A1

(21) PCT/GB2004/002120

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 0311465.9 **19 May/mai 2003** GB
(19.05.2003)

(30) 0318533.7 **7 Aug/août 2003** GB
(07.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS COMPRISING FAC-
TOR VIII AND FACTOR IXA FOR
TREATING HAEMOPHILIA

• COMPOSITION COMPRENANT LE
FACTEUR VIII ET LE FACTEUR IXA
POUR TRAITER L'HEMOPHILIE

(71) NATIONAL INSTITUTE FOR BIOLOG-
ICAL STANDARDS AND CONTROL
(NIBSC) [GB/GB]; Blanche Lane, South
Mimms, Potters Bar, Hertfordshire EN6 3QG
(GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BARROWCLIFFE, Trevor [GB/GB];
National Institute for Biological Standards
and Control, Blanche Lane, South Mimms,
Potters Bar, Hertfordshire EN6 3QG (GB).

(74) MASCHIO, Antonio et al. / etc.; D. Young
& Co., 120 Holborn, London EC1N 2DY
(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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 38/48, B65D 1/02

(11) WO 2004/103398 (13) A1

(21) PCT/DK2004/000359

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) PA 2003 00788 **23 May/mai 2003** DK
(23.05.2003)

(30) 60/476,280 **5 Jun/juin 2003** US
(05.06.2003)

(30) PCT/DK04/000181 **18 Mar/mar 2004** DK
(18.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROTEIN STABILIZATION IN SOLU-
TION

• STABILISATION DE PROTEINES
DANS UNE SOLUTION

(71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JENSEN, Michael, Bech [DK/DK];
Tokkekøbvej 22, DK-3450 Allerød (DK).
HANSEN, Birthe, Lykkegaard [DK/DK];
Rådryvej 5, DK-3500 Værløse (DK). KO-
RNFELT, Troels [DK/DK]; Holmevej
17, DK-2830 Virum (DK). JAKOBSEN,
Kirsten, Kramer [DK/DK]; Bybakter-
raserne 151D, DK-3520 Farum (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 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 A61K 38/57, 9/08, 9/19, A61P 31/14, 11/00

(11) WO 2004/103399 (13) A1

(21) PCT/CN2004/000533

(22) 25 May/mai 2004 (25.05.2004)

(25) zh (26) zh

(30) 03125188.9 **26 May/mai 2003** CN
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF ULINASTATIN FOR TREAT-
ING SEVERE ACUTE RESPIRATORY
SYNDROME AND PHARMACEUTI-
CAL COMPOSITION OF ULINAS-
TATIN

• UTILISATION D'ULINASTATINE
POUR TRAITER LE SYNDROME RES-
PIRATOIRE AIGU ET COMPOSITION
PHARMACEUTIQUE CONTENANT
ULINASTATINE

(71) GUANGDONG TECHPOOL BIOCHEM.
PHARMA. CO., LTD. [CN/CN]; 89 Gaopu
Road, Gaotang Scien-tech Industrial Park,
Tianhe, Guangzhou, Guangdong 510520
(CN).

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les États désignés sauf US)

(72, 75) Fu, Heliang [CN/CN]; 89 Gaopu Road,
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MIAO, Piqu [CN/CN]; 89 Gaopu Road,
Gaotang Scien-tech Industrial Park, Tianhe,
Guangzhou, Guangdong 510520 (CN).
WANG, Xiaoyan [CN/CN]; 89 Gaopu
Road, Gaotang Scien-tech Industrial Park,
Tianhe, Guangzhou, Guangdong 510520
(CN). XIE, Yongli [CN/CN]; 89 Gaopu
Road, Gaotang Scien-tech Industrial Park,
Tianhe, Guangzhou, Guangdong 510520
(CN).

(74) CHINA SCIENCE PATENT & TRADE-
MARK AGENT LTD.; 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 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 A61K 39/00

(11) WO 2004/103400 (13) A2

(21) PCT/US2004/014466

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/468,581 **7 May/mai 2003** US
(07.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIVALENT MENINGOCOCCAL
DERIVATIZED POLYSACCHA-
RIDE-PROTEIN CONJUGATES AND
VACCINE

• CONJUGUES DE POLYSACCHA-
RIDES-PROTEINES DERIVATISES

MENINGOCOCCIQUES MULTIVALENTS ET VACCIN CORRESPONDANT

(71) AVENTIS PASTEUR, INC. [US/US]; Discovery Drive, Swiftwater, PA 18370 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYALL, Robert, P. [US/US]; 411 Main Street, Stroudsburg, PA 18360 (US).

(74) BORDNER, Thomas, J.; Aventis Pasteur, Inc., Discovery Drive, Swiftwater, PA 18370 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61K 39/00

(11) WO 2004/103401 (13) A2

(21) PCT/US2004/014836

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,470 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AVIAN VACCINE COMPOSITION FOR THE PROTECTION OF POULTRY AGAINST DISEASE AND INFECTION CAUSED BY *E. COLI* AND SALMONELLA

• COMPOSITION DE VACCIN AVIAIRE DESTINÉE A LA PROTECTION DE VOLAILLES CONTRE DES MALADIES ET DES INFECTIONS CAUSÉES PAR *E. COLI*; ET LES SALMONELLES

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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

(72, 75) FAN, Henry, H. [US/US]; 2173 13th Street Court NE, Hickory, NC 28601-1349 (US). KUMAR, Mahesh [US/US]; 2910 22nd Avenue North, Fort Dodge, IA 50501 (US).

(74) LEVIS, John, F.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

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 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)

(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 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 A61K 39/108

(11) WO 2004/103402 (13) A1

(21) PCT/US2004/014835

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,471 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AVIAN *E. COLI* VACCINE FOR THE PROTECTION AGAINST COLIBACILLOSIS

• VACCIN AVIAIRE CONTRE *E. COLI* DESTINÉ A LA PROTECTION CONTRE LA COLIBACILLOSE

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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

(72, 75) FAN, Henry, H. [US/US]; 2173 13th Street Court NE, Hickory, NC 28601-1349 (US). KUMAR, Mahesh [US/US]; 2910 22nd Avenue North, Fort Dodge, Iowa 50501 (US). LA RAGIONE, Roberto, Marcello [GB/GB]; 1, Swanley Crescent, Little Heath, Potters Bar, Hertfordshire EN6 1NQ (GB). WOODWARD, Martin, John [GB/GB]; 23 Burnall Close, Farnborough, Hampshire GU14 8NN (GB).

(74) LEVIS, John, F. et al. / etc.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

SY TJ 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).

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 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)

(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 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 A61K 39/395, A61P 37/06, 1/16, 11/06, 19/02, 3/10, 9/10, 11/10

(11) WO 2004/103403 (13) A1

(21) PCT/JP2004/007321

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146188 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMMUNOCOMPETENT CELL ACTIVATION INHIBITOR AND USE THEREOF

• INHIBITEUR D'ACTIVATION CELLULAIRE IMMUNOCOMPÉTENTE ET SON UTILISATION

(71) IMMUNO-BIOLOGICAL LABORATORIES CO., LTD. [JP/JP]; 1091-1, Naka Aza Higashida, Fujioka-shi, Gunma, 3750005 (JP). G-in Techno Science Co., Ltd. [JP/JP]; 17-2-1, Tsukisamuhigashinijo, Toyohira-ku, Sapporo-shi, Hokkaido, 0628517 (JP).

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

(72, 75) KON, Shigeyuki [JP/JP]; Room 803, Parkhomes hokudaimae, 20-318, Kitajyunanajonishi 6-chome, Kita-ku, Sapporo-shi, Hokkaido, 0010905 (JP). UEDE, Toshimitsu [JP/JP]; 8-2, Shincigojo 3-chome, Kiyota-ku, Sapporo-shi, Hokkaido, 0040835 (JP). DIAO, Hongyan [CN/JP]; 1-H2-1120, Kitajunijyohigashi 9-chome, Higashi-ku, Sapporo-shi, Hokkaido, 0650012 (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 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 **A61K 39/395, C07K 16/28, 16/30**

(11) **WO 2004/103404** (13) A1

(21) PCT/US2004/015786

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/471,958 **20 May/mai 2003** US (20.05.2003)

(30) Not furnished / **20 May/mai 2004** US non communiqué (20.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CD20 BINDING MOLECULES

• MOLECULES DE LIAISON DE CD20

(71) **APPLIED MOLECULAR EVOLUTION** [US/US]; 3520 Dunhill Street, San Diego, CA 92121 (US).

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

(72, 75) **WATKINS, Jeffrey, D.** [US/US]; 3442 Fortuna Ranch Road, Encinitas, CA 92024 (US). **DAVIES, Julian** [GB/US]; 845 Loring Street, San Diego, CA 92109 (US). **MARQUIS, David, M.** [US/US]; 2106 Meadowgreen Court, Encinitas, CA 92024 (US). **ALLAN, Barrett, W.** [US/US]; 542 San Diequito Road, Encinitas, CA 92024 (US). **ONDEK, Brian** [US/US]; 10415 La Vita Court, San Diego, CA 92131 (US).

(74) **BOND, Jason, R.** et al. / etc.; Medlen & Carroll, LLP, 101 Howard Street, Suite 350, 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 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).

Published / Publiée : (c)

(51)⁷ **A61K 39/42, G01N 33/535**

(11) **WO 2004/103405** (13) A1

(21) PCT/CN2003/000385

(22) **23 May/mai 2003 (23.05.2003)**

(25) zh (26) zh

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SERVERE ACUTE RESPIRATORY SYNDROME ASSOCIATED ANTIBODIES AND METHOD FOR DETECTING THEM AND USE THEREOF**

• **ANTICORPS ASSOCIES AU SYNDROME RESPIRATOIRE AIGU GRAVE, PROCEDE DE DETECTION DE CES ANTICORPS ET UTILISATION DE CES DERNIERS**

(71) **302 HOSPITAL, PLA** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **BIOTECHNOLOGICAL INSTITUTE OF ZHONG-YI-RUI-KANG, BEIJING** [CN/CN]; 40 Ta-Yuan A, Xiao-Guan Street, Hai-Dian District, 100011 Beijing (CN).

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

(72, 75) **CHENG, Yun** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **ZHENG, Yu** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **CHEN, Hao** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **LI, Boan** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **HE, Weiping** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **ZHAO, Jun** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **LI, Jing** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **YU, Ruihe** [CN/CN]; 40 Ta-Yuan A, Xiao-Guan Street, Hai-Dian District, 100011 Beijing (CN). **GAO, Rong** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **SHU, Cuili** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **WANG, Guozhi** [CN/CN]; 48-601, 30 Fu-Cheng-Lu, 100036 Beijing (CN). **LIU, Yan** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, 100039 Beijing (CN). **MAO, Panyong** [CN/CN]; 100 Xi-Si-Huan-Zhong-Lu, Beijing 100039 (CN).

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

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

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

(51)⁷ **A61K 45/00, 31/57, 31/565, 31/198, 31/03, A61P 7/00, 35/02, G01N 33/50, C12Q 1/32**

(11) **WO 2004/103406** (13) A1

(21) PCT/JP2004/007566

(22) **26 May/mai 2004 (26.05.2004)**

(25) ja (26) ja

(30) 2003-147820 **26 May/mai 2003** JP (26.05.2003)

(30) 2003-398876 **28 Nov/nov 2003** JP (28.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **THERAPEUTIC COMPOSITION FOR DISEASE ACCOMPANIED BY DECREASE OR INCREASE OF PLATELET**
• **COMPOSITION THERAPEUTIQUE CONTRE DES MALADIES S'ACCOMPAGNANT D'UNE DIMENSION OU D'UNE AUGMENTATION DES PLAQUETTES**

(71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama 3320012 (JP). **THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH (RIKEN)** [JP/JP]; 2-1, Hirosawa, Wakoh-shi, Saitama 3510198 (JP). **MOCHIDA PHARMACEUTICAL CO., LTD.** [JP/JP]; 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 1608515 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGATA, Yuka** [JP/JP]; Rafureshiru 503, 2-5-12, Nishibenzai, Asaka-shi, Saitama 3510021 (JP). **TODOKORO, Kazuo** [JP/JP]; 3-8-3-206, Ichigayasadoharachou, Shinjuku-ku, Tokyo 1620842 (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 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 **A61K 45/06, 31/505, 31/44, 31/53, A61P 9/04, 11/06, 13/12**

(11) **WO 2004/103407** (13) A2

(21) PCT/EP2004/050869

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 03011609.9 **22 May/mai 2003** EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COMPOSITION COMPRISING A PDE4 INHIBITOR AND A PDE5 INHIBITOR**
• **COMPOSITION CONTENANT UN INHIBITEUR DE PDE4 ET UN INHIBITEUR DE PDE5**

(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) **DUNKERN, Thorsten** [DE/DE]; Waldstr. 29a, 78333 Stockach (DE). **HATZELMANN, Armin** [DE/DE]; Alter Wall 3,

78467 Konstanz (DE). **SCHUDT, Christian** [DE/DE]; Schuetzenstrasse 20, 78462 Konstanz (DE). **GRIMMINGER, Friedrich** [DE/DE]; Grabenstr. 5, 35510 Butzbach (DE). **GHOFRANI, Hossein Ardeschir** [DE/DE]; Theodor-Storm-Str. 5, 35398 Giessen (DE).

(74) **KRATZER, Bernd**; 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 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).

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 A61K 47/02, 39/05, 39/08, 39/13

(11) WO 2004/103408 (13) A2

(21) PCT/FR2004/001175

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05876 16 May/mai 2003 FR (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VACCINE COMPOSITION COMPRISING IRON PHOSPHATE AS A PHARMACEUTICAL AID TO SAID VACCINE
• COMPOSITION VACCINALE COMPRENANT DU PHOSPHATE DE FER A TITRE D'ADJUVANT VACCINAL

(71) AVENTIS PASTEUR [FR/FR]; 2, avenue Pont Pasteur, F-69367 Lyon Cedex 07 (FR).

(72) SAUZEAT, Elizabeth; 37, chemin du Bruchet, F-69210 Lentilly (FR).

(74) KERNEIS, Danièle et al. / etc.; Aventis Pasteur, Direction de la Propriété Intellectuelle, 2, avenue Pont Pasteur, F-69367 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 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 A61K 47/48, 45/06, 47/18, 47/32, A61P 35/00

(11) WO 2004/103409 (13) A1

(21) PCT/JP2004/000993

(22) 2 Feb/fév 2004 (02.02.2004)

(25) ja (26) ja

(30) 2003-147852 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANTITUMOR AGENT AND PROCESS FOR PRODUCING THE SAME

• AGENT ANTITUMEUR ET SON PROCEDE DE PRODUCTION

(71, 72) MAEDA, Hiroshi [JP/JP]; 21-24, Koto 3-chome, Kumamoto-shi, Kumamoto 862-0909 (JP).

(72, 75) GREISH, Khaled [EG/JP]; R-5, JR Apartment, 3-16-29, Kuhonji, Kumamoto-shi, Kumamoto 862-0976 (JP).

(74) YAMAGUCHI, Kano; 11-12, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/103410 (13) A1

(21) PCT/IL2003/000480

(22) 8 Jun/juin 2003 (08.06.2003)

(25) en (26) en

(30) 60/385,881 6 Jun/juin 2002 US (06.06.2002)

(30) 60/410,276 13 Sep/sep 2002 US (13.09.2002)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS COMPOSITIONS AND ARTICLES OF MANUFACTURE FOR MODULATING BONE GROWTH

• COMPOSITIONS DE PROCEDES ET ARTICLES DE FABRICATION DESTINES A MODULER LA CROISSANCE OSSEUSE

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech

Park, The Edmond J. Safra Campus, The Hebrew University of Jerusalem, Givat Ram, 91 390 Jerusalem (IL).

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

(72, 75) BAB, Itai [IL/IL]; 26 Te'ena Street, 99 797 Karme Yossef (IL). MECHOULAM, Raphael [IL/IL]; 12 Tchernichovsky Street, 92 581 Jerusalem (IL). SHOHAMI, Esther [IL/IL]; 34 Miron Street, 90 805 Mevasseret Zion (IL).

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

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

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

(51)⁷ A61K 035/78, A61P 25/06

(11) WO 2004/103411 (13) A1

(21) PCT/NZ2004/000095

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 526098 23 May/mai 2003 NZ (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MIGRAINE REMEDY

• REMEDE CONTRE LA MIGRAINE

(71) ENZO NUTRACEUTICALS LIMITED; 16 Sheffield Crescent, Christchurch (NZ).

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

(72, 75) STENSWICK, Larry, Ellsworth [US/NZ]; 8 Victoria Street, Rangiora (NZ). CHAYASIRISOBHON, Sirichai [US/US]; 24325 Avenida De Marcia, Yorba Linda, CA 92887-4022 (US).

(74) WILSON, Kathryn, S. et al. / etc.; Level 3, Spicer Building, 329 Durham Street, P.O. Box 2201, Christchurch (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 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 A61L

(11) WO 2004/103412 (13) A2

(21) PCT/US2004/013935

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/440,360 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUPERABSORBENT CELLULOSIC
FIBER AND METHOD OF MAKING
SAME

• FIBRE CELLULOSIQUE SUPERAB-
SORBANTE ET PROCEDE DE FABRI-
CATION

(71) RAYONIER PRODUCTS AND FINAN-
CIAL SERVICES COMPANY [US/US];
4474 Savannah Highway, Jesup, GA 31598
(US).

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

(72, 75) HAMED, Othman, A. [US/US]; 108 Al-
pha Court, Jesup, GA 31546 (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 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 A61L

(11) WO 2004/103413 (13) A2

(21) PCT/US2004/014817

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/437,617 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FILTER CLEANING AND DECON-
TAMINATING SYSTEM

• SYSTEME DE NETTOYAGE ET DE DE-
CONTAMINATION DE FILTRES

(71) STERIS INC. [US/US]; 43425 Business
Park Drive, Temecula, CA 92590 (US).

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

(72, 75) HALSTEAD, Eric [CA/CA]; Beau-
port, Quebec G1B3N8 (CA). COULOMBE,
Serge [CA/CA]; 169, Place Marcel-Be-
dard, Boischatel, Quebec G0A1H0 (CA).
CANTIN, Eugene [CA/CA]; 881 De la
Halte, St-Jean, Chrysostome G6Z-2L1 (CA).

(74) KUSNER, Mark et al. / etc.; Kusner & Jaffe,
Suite 310, Highland Place, 6151 Wilson Mills
Road, Highland Heights, OH 44143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61L

(11) WO 2004/103414 (13) A2

(21) PCT/US2004/015146

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/436,812 13 May/mai 2003 US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARTICLE FOR POSITIONING MESH
OVER TISSUE

• ARTICLE POUR POSITIONNER UN FI-
LET SUR UN TISSU

(71, 72) SHAYANI, Vafa [US/US]; 110 NORTH
QUINCY STREET, HINSDALE, IL 60521
(US).

(74) CEPURITIS, Talivaldis et al. / etc.; OL-
SON & HIERL, 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 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 A61L

(11) WO 2004/103415 (13) A2

(21) PCT/US2004/015718

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,273 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-DRESSING SYSTEM FOR
MANAGING SKIN WOUNDS

• SYSTEME A PANSEMENTS MUL-
TIPLES POUR LA GESTION DE LE-
SIONS CUTANEEES

(71) AVERY DENNISON CORPORATION
[US/US]; 150 North Orange Grove Boule-
vard, Pasadena, California 91103 (US).

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

(72, 75) LIPMAN, Roger, D. A. [GB/BE]; Zwan-
evenstraat 26, B-2360 Oudturnhout (BE).

(74) BOEHLEFELD, Heidi, A.; 1621 Euclid
Avenue, 19th Floor, Cleveland, Ohio 44115
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61L

(11) WO 2004/103416 (13) A2

(21) PCT/US2004/015721

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,272 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUID ABSORBING ADHESIVE
PASTE

• PATE ADHESIVE ABSORBANT LES
LIQUIDES

(71) AVERY DENNISON CORPORATION
[US/US]; 150 North Orange Grove Boule-
vard, Pasadena, California 91103 (US).

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

(72, 75) LIPMAN, Roger, D. A. [GB/BE]; Zwan-
evenstraat 26, B-2360 Oudturnhout (BE).

(74) BOEHLEFELD, Heidi A.; 1621 Euclid
Avenue, 19th Floor, Cleveland, Ohio 44115
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61L 2/02, F23D 14/20

(11) WO 2004/103417 (13) A1

(21) PCT/SG2003/000122

(22) 22 May/mai 2003 (22.05.2003)

- (25) en (26) en
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND APPARATUS FOR STERILIZING MEDICAL AND LABORATORY INSTRUMENTS AND DEVICES
• PROCEDE ET APPAREIL PERMETTANT DE STERILISER DES INSTRUMENTS ET DES DISPOSITIFS UTILISES DANS LE DOMAINE MEDICAL OU EN LABORATOIRE
- (71) NTU VENTURES PRIVATE LIMITED [SG/SG]; Nanyang Avenue, Singapore 639798 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIANG, David, Tee [CA/SG]; Blk 3 Pandan Valley #03-314, Singapore 597627 (SG). TAY, Joo Hwa [SG/SG]; Block F Nanyang Drive, Hall of Residence 6, Singapore 639798 (SG). LIM, Tuti Mariana [ID/SG]; Blk 88 Commonwealth Close #09-13, Singapore 140088 (SG). LI, Dong Fei [SG/SG]; Blk 56 Strathmore Avenue #05-123, Singapore 140056 (SG).
- (74) LAWRENCE Y D HO & ASSOCIATES PTE LTD; 30 Bideford Road, #07-01 Thongsia Building, Singapore 229922 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 9/01
(11) WO 2004/103418 (13) A1
(21) PCT/JP2004/006536
(22) 14 May/mai 2004 (14.05.2004)
(25) ja (26) ja
(30) 2003-141709 20 May/mai 2003 JP (20.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FRAGRANT AND DEODORIZING AGENT IN GEL FORM
• DEODORANT PARFUME EN GEL
- (71) KOBAYASHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-6, Doshomachi 4chome, Chuo-ku, Osaka-shi, Osaka 5418507 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) Tsuda, Toshihiko [JP/JP]; c/o Kobayashi Pharmaceutical Co., LTD. R & D Company, 30-3, Toyokawa Ichome, Ibaraki-shi Osaka, 5670057 (JP). Akai, Hidetada [JP/JP]; c/o Kobayashi Pharmaceutical Co., LTD. R & D Company, 30-3, Toyokawa Ichome, Ibaraki-shi Osaka, 5670057 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ 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).
- Published / Publiée : (c)
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- (51)⁷ A61L 24/00
(11) WO 2004/103419 (13) A1
(21) PCT/GB2004/002179
(22) 19 May/mai 2004 (19.05.2004)
(25) en (26) en
(30) 0311846.0 23 May/mai 2003 GB (23.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IMPROVED CALCIUM PHOSPHATE BONE CEMENTS
• CEMENTS DE PHOSPHATE DE CALCIUM AMELIORES POUR LES OS
- (71) ORTUS MEDICAL LIMITED (a British Company of Needle Cottage) [GB/GB]; 74 Bath Green, Longwell Green, Bristol, BS30 9DG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARRALET, Jake [GB/GB]; 304 Franklin Road, Birmingham B30 1NE (GB). GBURECK, Uwe [DE/DE]; Schiestlstrasse 2, 97080 Würzburg (DE). THULL, Roger [DE/DE]; Wald kugelweg 23, 97080 Würzburg (DE).
- (74) WARD, David, I.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (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 SJ 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).
- Published / Publiée : (c)
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- (51)⁷ A61L 24/04, 27/14, 27/54, C08L 33/12
(11) WO 2004/103420 (13) A1
(21) PCT/ES2004/070036
(22) 24 May/mai 2004 (24.05.2004)
(25) es (26) es
(30) P200301209 23 May/mai 2003 ES (23.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INJECTABLE BIOACTIVE ACRYLIC FORMULATIONS FOR USE IN MINIMALLY INVASIVE SURGERY
• FORMULATIONS ACRYLIQUES BIOACTIVES INJECTABLES DESTINEES A ETRE APPLIQUEES EN CHIRURGIE A EFFRACTION MINIMALE
- (71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; C/ Serano, 117, E-28006 MADRID (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) MENDEZ GONZÁLEZ, José, Alberto [ES/ES]; INSTO. CIENCIA Y TECNOLOGÍA DE POLÍMEROS, CONSEJO SUPERIOR INVESTIG. CIENTÍFICAS, JUAN DE LA CIERVA, 3, E-28006 MADRID (ES).
- (72, 75) VÁZQUEZ LASA, Blanca [ES/ES]; INSTO. CIENCIA Y TECNOLOGÍA DE POLÍMEROS, CONSEJO SUPERIOR INVESTIG. CIENTÍFICAS, JUAN DE LA CIERVA, 3, E-28006 MADRID (ES). SAN ROMÁN DEL BARRIO, Julio [ES/ES]; INSTO. CIENCIA Y TECNOLOGÍA DE POLÍMEROS, CONSEJO SUPERIOR INVESTIG. CIENTÍFICAS, JUAN DE LA CIERVA, 3, 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 SJ 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).
- Published / Publiée : (c)
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- (51)⁷ A61L 27/12, 27/42, 27/56, 27/58
(11) WO 2004/103421 (13) A1
(21) PCT/EP2004/005709
(22) 24 May/mai 2004 (24.05.2004)
(25) de (26) de
(30) 103 23 079.3 22 May/mai 2003 DE (22.05.2003)
(30) 103 38 634.3 22 Aug/août 2003 DE (22.08.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INORGANIC RESORBABLE BONE SUBSTITUTE MATERIAL
• MATERIAU DE REMPLACEMENT OSSEUX INORGANIQUE RESORBABLE
- (71) ARTOSS GMBH [DE/DE]; Friedrich-Barnewitzstrasse 3, 18119 Rostock (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GERBER, Thomas [DE/DE]; Eichenweg 3, 18059 Sildemow (DE).
- (74) WEBER-QUITZAU, Martin et al. / etc.; Uexküll & Stolberg, Beselerstrasse 4, 22607 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

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 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 A61L 27/12, 27/40, A61K 6/033, C01B
25/32

(11) WO 2004/103422 (13) A1

(21) PCT/JP2004/007169

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-147770 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • POROUS COMPOSITE CONTAIN-
ING CALCIUM PHOSPHATE AND
PROCESS FOR PRODUCING THE
SAME

- COMPOSITE POREUX CONTENANT
DU PHOSPHATE DE CLACIUM ET
PROCEDE DE PRODUCTION DU
COMPOSITE

- (71) PENTAX CORPORATION [JP/JP]; 36-9,
Maenochi 2-chome, Itabashi-ku, Tokyo
1748639 (JP). NATIONAL INSTITUTE
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3050047 (JP).

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les États désignés sauf US)

- (72, 75) KAWAMURA, Katsumi [JP/JP];
c/o Pentax Corporation, 36-9, Maenochi
2-chome, Itabashi-ku, Tokyo 1748639 (JP).
NAKAJIMA, Takehiko [JP/JP]; c/o Pen-
tax Corporation, 36-9, Maenochi 2-chome,
Itabashi-ku, Tokyo 1748639 (JP). SHOJI,
Daisuke [JP/JP]; c/o Pentax Corporation,
36-9, Maenochi 2-chome, Itabashi-ku,
Tokyo 1748639 (JP). TANAKA, Junzo
[JP/JP]; c/o National Institute for Materials
Science, 2-1, Sengen 1-chome, Tsukuba-shi,
Ibaraki 3050047 (JP). KIKUCHI, Masanori
[JP/JP]; c/o National Institute for Materials
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Ibaraki 3050047 (JP). IKOMA, Toshiyuki
[JP/JP]; c/o National Institute for Materials
Science, 2-1, Sengen 1-chome, Tsukuba-shi,
Ibaraki 3050047 (JP).

- (74) TAKAISHI, Kitsuma; Kagurazaka FN
Bldg. 5F, 67, Kagurazaka 6-chome, Shin-
juku-ku, Tokyo 1620825 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 A61L 27/32

(11) WO 2004/103423 (13) A1

(21) PCT/KR2003/001488

(22) 24 Jul/juil 2003 (24.07.2003)

(25) en (26) en

(30) 10-2003-0032132 21 May/mai 2003 KR
(21.05.2003)

(30) 10-2003-0032133 21 May/mai 2003 KR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • TITANIUM SUBSTRATE FOR BIO-
COMPATIBLE IMPLANT COATED
WITH HYDROXYAPATITE/TITANIA
DOUBLE LAYER AND A COATING
METHOD OF THE SAME

- SUBSTRAT EN TITANE POUR
IMPLANT BIOCOMPATIBLE, RE-
COUVERT D'UNE DOUBLE COUCHE
D'HYDROXYAPATITE/ANHYDRIDE
TITANIQUE ET PROCEDE
D'APPLICATION DE CETTE COUCHE

- (71) DENTIUM CO., LTD [KR/KR]; 27-5 Ieui-
dong, Yeongtong-gu, Suwon-si, Gyeonggi-do
442-270 (KR).

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

- (72, 75) KIM, Hyoun-Ee [KR/KR]; 1-308 Bang-
bae Dawoo Apt., Bangbae3-dong, Seocho-gu,
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Munjeong-dong, Songpa-gu, Seoul 138-202
(KR). HWANG, Soon-Jung [KR/KR];
112-901 Woosung 7th Apt., 615 Irwon-dong,
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Sun-Do [KR/KR]; 902-1 Soha2-dong,
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(KR). YOON, Koo-Yeol [KR/KR]; 144-5
Bakdal2-dong, Anyang-si, Gyeonggi-do
430-032 (KR). KIM, In-Ho [KR/KR]; 41-13
Dangjeong-dong, Gunpo-si, Gyeonggi-do
435-030 (KR).

- (74) YOON, Eui-Seoup; YOONES & CO, 3F
Namdo Bldg., 823-24 Yoksam-dong, Kang-
nam-gu, Seoul 135-080 (KR).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 27/32

(11) WO 2004/103424 (13) A1

(21) PCT/KR2003/001489

(22) 24 Jul/juil 2003 (24.07.2003)

(25) en (26) en

(30) 10-2003-0032134 21 May/mai 2003 KR
(21.05.2003)

(30) 10-2003-0032135 21 May/mai 2003 KR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BIOCOMPATIBLE IMPLANT COATED
WITH BIOCOMPATIBLE FLUOR-HY-
DROXYAPATITE AND A COATING
METHOD OF THE SAME

- IMPLANT BIOCOMPATIBLE REVETU
DE FLUOR-HYDROXYAPATITE BIO-
COMPATIBLE ET PROCEDE DE RE-
VETEMENT DE CELUI-CI

- (71) DENTIUM CO., LTD [KR/KR]; 27-5 Ieui-
dong, Yeongtong-gu, Suwon-si, Gyeonggi-do
442-270 (KR).

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

- (72, 75) KIM, Hyoun-Ee [KR/KR]; 1-308 Bang-
bae Dawoo Apt., Bangbae3-dong, Seocho-gu,
Seoul 137-063 (KR). KIM, Hae-Won
[KR/KR]; 733-878 Dongcheon-dong,
Gyeongju-si, Gyeongbuk 780-190 (KR).
CHUNG, Sung-Min [KR/KR]; 202-304
Sangnoksu Apt., Irwon-dong, Gangnam-gu,
Seoul 135-230 (KR). SHIN, Sang-Wan
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pital, Korea University, 97 Guro-dong,
Guro-gu, Seoul 152-703 (KR). PARK,
Joon-Bong [KR/KR]; 60-104 Banpo Apt.,
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(KR). WOO, Ee-Hyung [KR/KR]; 101-401
Hyundai 1th Apt., Gaepol-dong, Gang-
nam-gu, Seoul 135-241 (KR). LEE, Baek-Su
[KR/KR]; 45-102 Shinbanpo-Hanshin Apt.,
Banpo2-dong, Seocho-gu, Seoul 137-042
(KR).

- (74) YOON, Eui-Seoup; Yoones & Co, 3F
Namdo Bldg., 823-24 Yoksam-dong, Kang-
nam-gu, Seoul 135-080 (KR).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 27/34, 28/00, 29/08, 31/10

(11) WO 2004/103425 (13) A1

(21) PCT/SE2004/000804

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0301546-8 23 May/mai 2003 SE
(23.05.2003)

(30) 60/552,764 **12 Mar/mar 2004** US
(12.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BIOCOMPATIBLE POLYMER

• POLYMERE BIOCOMPATIBLE

(71) **GAMBRO LUNDIA AB** [SE/SE]; Box 10101, S-220 10 Lund (SE).

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

(72, 75) **DEPPISCH, Reinhold** [DE/DE]; Graf-Friedrich-Weg 21, 72379 Hechingen (DE). **DIETRICH, Ruth** [DE/DE]; Tübingerstrasse 44/1, 72379 Hechingen (DE). **BECK, Werner** [DE/DE]; St-Claude-Strasse 53/1, 72108 Rottenburg (DE). **SCHNELL, Andrea** [DE/DE]; Im Altenspohl 4, 72406 Bisingen-Thenheim (DE). **WITTNER, Bernd** [DE/DE]; Tübingerstr. 14/2, 72379 Hechingen (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 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 **A61L 27/54, 2/18, 29/16, 31/16**

(11) **WO 2004/103426** (13) A1

(21) PCT/US2004/015103

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/438,063 **14 May/mai 2003** US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR PROVIDING A MEDICAL DEVICE WITH ANTI-MICROBIAL PROPERTIES

• SYSTEME POUVANT CONFERER A UN INSTRUMENT MEDICAL DES PROPRIETES ANTIMICROBIENNES

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

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(72, 75) **TAN, Sharon, Mi, Lyn** [MY/US]; 164 Strathmore Road, Brighton, MA 02135 (US).

(74) **BONHAM, David, B.** et al. / etc.; Mayer Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, Westfield, NJ 07090 (US).

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

SY TJ 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 **A61L 27/60, C12M 3/00 // C12N 5/06**

(11) **WO 2004/103427** (13) A1

(21) PCT/JP2004/006747

(22) **19 May/mai 2004 (19.05.2004)**

(25) ja (26) ja

(30) 2003-146110 **23 May/mai 2003** JP
(23.05.2003)

(30) 2003-146130 **23 May/mai 2003** JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FILLING MATERIAL AND MANIPULATION METHOD

• MATERIAU DE REMPLISSAGE ET PROCEDE D'UTILISATION

(71) **M.D. Bio, Inc.** [JP/JP]; 3rd Floor, Sun-Park Ebisu, 16-5, Higashi 3-chome, Shibuya-ku, Tokyo, 1500011 (JP).

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

(72, 75) **NAGAI, Hisaki** [JP/JP]; c/o M.D. Bio, Inc., 3rd Floor, Sun-Park Ebisu, 16-5, Higashi 3-chome, Shibuya-ku, Tokyo, 1500011 (JP). **SHIRONO, Yoshinori** [JP/JP]; c/o M.D. Bio, Inc., 3rd Floor, Sun-Park Ebisu, 16-5, Higashi 3-chome, Shibuya-ku, Tokyo, 1500011 (JP).

(74) **ITO, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61L 31/08, 31/16, 27/54, 29/16**

(11) **WO 2004/103428** (13) A1

(21) PCT/US2004/011889

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/440,141 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROSTATIC COATING OF A MEDICAL DEVICE

• REVETEMENT ELECTROSTATIQUE D'UN DISPOSITIF MEDICAL

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

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(72, 75) **STENZEL, Eric, B.** [US/IE]; Weir Road, Taum, County Galway (IE).

(74) **RINGEL, Douglas, E.** et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005-1257 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/103429** (13) A2

(21) PCT/KR2004/001241

(22) **25 May/mai 2004 (25.05.2004)**

(25) en (26) en

(30) 10-2003-0033400 **26 May/mai 2003** KR
(26.05.2003)

(30) 10-2004-0014356 **3 Mar/mar 2004** KR
(03.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPOSABLE SYRINGE

• SERINGUE JETABLE

(71, 72) **BAIK, Woo In** [KR/KR]; 855, Guro-dong, Guro-gu, Seoul 152-050 (KR).

(74) **BAHNG, Hae Cheol** et al. / etc.; KBK & ASSOCIATES, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61M**

(11) **WO 2004/103430** (13) A2

(21) PCT/US2004/015539

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,893 **19 May/mai 2003** US
(19.05.2003)

(30) 10/458,060 **9 Jun/juin 2003** US
(09.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENDOLUMINAL TOOL DEPLOYMENT SYSTEM

• SYSTEME DE DEPLOIEMENT D'OUTIL ENDOLUMINAL

(71) USGI MEDICAL CORP. [US/US]; 3511 Thomas Road, Suite 1, Santa Clara, California 95054 (US).

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

(72, 75) WILTSHIRE, Brent, R. [US/US]; 5285 Milton Road, Carlsbad, California 92008 (US). EWERS, Richard, C. [US/US]; 1437 W. Malvern, Fullerton, California 92833 (US). BRENNEMAN, Rodney [US/US]; 34002 Las Palmas Del Mar, San Juan Capistrano, California 92675 (US). CHEN, Eugene [US/US]; 3600 Corte Castillo, Carlsbad, California 92009 (US). SAADAT, Vahid [US/US]; 12679 Kane Drive, Saratoga, California 95070 (US).

(74) THOMPSON, Lynn, M. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th 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 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 A61M

(11) WO 2004/103431 (13) A2

(21) PCT/US2004/015599

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) RM2003A000241 **19 May/mai 2003** IT
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELECTIVE NEEDLE SHIELD FOR SYRINGE NEEDLES

• PROTECTION D'AIGUILLE SELECTIVE POUR AIGUILLES DE SERINGUE

(71) EURO 3 S.R.L. [IT/IT]; Via del Conservificio, 1, I-06083 Bastia Umbra (IT). BOSHEARS & BOSHEARS CONSULTING, INC. [US/US]; 7633 E. 63rd Place, Suite 530, Tulsa, OK 74133 (US).

(71, 72) DIONIGI, Francesca [IT/IT]; Via delle Fornaci, 1, I-06034 Foligno (IT).

(74) CATALANO, Frank, J.; Gable & Gotwals, 100 W. 5th Street, 10th Floor, Tulsa, OK 74103 (US).

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

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A61M

(11) WO 2004/103432 (13) A2

(21) PCT/US2004/015648

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,224 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FACIAL MASKS FOR MANAGING SKIN WOUNDS

• MASQUES FACIAUX POUR TRAITER DES PLAIES CUTANÉES

(71) AVERY DENNISON CORPORATION [US/US]; 150 North Orange Grove Boulevard, Pasadena, California 91103 (US).

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

(72, 75) LIPMAN, Roger, D. A. [GB/BE]; Zwan-evenstraat 26, B-2360 Oudturnhout (BE).

(74) BOEHLEFELD, Heidi A.; 1621 Euclid Avenue, 19th Floor, Cleveland, Ohio 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61M

(11) WO 2004/103433 (13) A2

(21) PCT/US2004/015684

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,590 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • UROLOGIC CATHETER INTEGRATED MOUNTING AND STABILIZATION SYSTEM

• SYSTEME DE STABILISATION ET DE MONTAGE INTEGRE DE CATHETER UROLOGIQUE

(71) MARGENT DEVELOPMENT, LLC [US/US]; Suite 105, 391 Taylor Boulevard, Pleasant Hill, California 94523 (US).

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

(72, 75) GIOBBI, John, J. [US/US]; 689 NW Stonepine Drive, Bend, Oregon 97701 (US).

(74) BURNHAM, Daniel, J.; Jenkins & Gilchrist, a Professional Corporation, 225 W. Washington Street, Suite 2600, Chicago, IL 60056 (US).

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

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61M

(11) WO 2004/103434 (13) A2

(21) PCT/US2004/015741

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/441,753 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARTICULATABLE ACCESS SHEATH AND METHODS OF USE

• GAINÉ D'ACCES ARTICULÉE ET PROCÉDES D'UTILISATION

(71) EVALVE, INC. [US/US]; 2761A Fair Oaks Avenue, Redwood City, California 94063 (US).

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

(72, 75) MARTIN, Brian, B. [US/US]; 315 Alder Road, Boulder Creek, California 95006 (US). RAATIKKA, Amy, R. [US/US]; 15 Hermann Street #407, San Francisco, California 94102 (US). THORNTON, Troy, L. [US/US]; 743 Carolina, San Francisco, California 94107 (US). POWELL, Ferolyn, T. [US/US]; 55 Caselli Avenue, San Francisco, California 94114 (US).

(74) THOMPSON, Lynn, M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61M

(11) WO 2004/103435 (13) A2

(21) PCT/US2004/015751

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/441,867 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSTRUMENT AND METHOD FOR
DELIVERY OF ANAESTHETIC DRUG
• INSTRUMENT ET TECHNIQUE
D'APPORT DE MEDICAMENT ANES-
THESIQUE

(71) ARROW INTERNATIONAL, INC.
[US/US]; 2400 Bernville Road, Reading,
PA 19605 (US).

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

(72) HAFER, Fred; 207 Lester Avenue, Shilling-
ton, PA 19607 (US).

(74) GEORGE, Kenneth, P. 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 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 A61M

(11) WO 2004/103436 (13) A2

(21) PCT/US2004/016427

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,113 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROPHYSIOLOGY CATHETER
• CATHETER ELECTROPHYSIOLO-
GIQUE

(71) STEREOTAXIS, INC. [US/US]; A corpo-
ration of the State of Delaware, 4041 Forest
Park Avenue, St. Louis, MO 63108 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ENG, Michael [US/US]; 7351 Kirk-
wood Lane #116, Maple Grove, MN 55369

(US). VISWANATHAN, Raju [IN/US];
4041 Forest Park Avenue, St. Louis, MO
63108 (US). WERP, Peter, R. [US/US];
4400 Lindell Boulevard #23B, St. Louis, MO
63108 (US). TUNAY, Ilker [TR/US]; 4041
Forest Park Avenue, St. Louis, MO 63108
(US). PANDEY, Ashwini, K. [IN/US]; 4041
Forest Park Avenue, St. Louis, MO 63108
(US). MUNGER, Gareth, T. [US/US]; 1053
Terrace Drive, Richmond Heights, MO 63117
(US).

(74) WHELOCK, Bryan, K.; Harness, Dickey
& Pierce, P.L.C., 7700 Bonhomme Avenue,
Suite 400, St. Louis, MO 63105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 A61M

(11) WO 2004/103437 (13) A2

(21) PCT/US2004/006848

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/379,763 5 Mar/mar 2003 US
(05.03.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NYLON NANOCOMPOSITES
• NANOCOMPOSITES DE NYLON

(71) FOSTER CORPORATION [US/US]; 45
Ridge Road, Putnam, CT 06260 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ACQUARULO, Lawrence, A., Jr.
[US/US]; 16 Penny Lane, Lisbon, CT 06351
(US). O'NEIL, Charles, J. [US/US]; 5
Lancaster Avenue, Chelmsford, MA 01824
(US).

(74) GROSSMAN, Steven et al. / etc.; Gross-
man, Tucker, Perreault & Pfleger, 55 South
Commercial Street, Manchester, NH 03101
(US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/103438 (13) A2

(21) PCT/US2004/008811

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/418,852 18 Apr/avr 2003 US
(18.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC BLADDER RELIEF SYS-
TEM
• SYSTEME DE SOULAGEMENT AUTO-
MATIQUE DE LA VESSIE

(71, 72) HARVIE, Mark, R. [US/US]; 1150 Air-
port Drive, South Burlington, VT 05403 (US).

(74) BENSON, Eric, R.; Box 65238, Champlain
Station, Burlington, VT 05406-5238 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 1/02, A61K 35/14, G01N 33/48

(11) WO 2004/103439 (13) A1

(21) PCT/JP2004/007299

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144036 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTAINER FOR SERUM PRODUC-
TION AND METHOD OF REGENERA-
TIVE MEDICINE USING THE SAME
• RECIPIENT DESTINE A LA PRODUC-
TION DE SERUM ET METHODE DE
TRAITEMENT REGENERATIF UTILI-
SANT LE RECIPIENT

(71) JMS CO., LTD. [JP/JP]; 12-17, Kako-
machi, Naka-ku, Hiroshima-city, Hiroshima
7308652 (JP).

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

(72, 75) SUZUKI, Koji [JP/JP]; c/o JMS CO.,
LTD., 12-17, Kako-machi, Naka-ku, Hi-
roshima-city, Hiroshima 7308652 (JP).
FUJII, Junya [JP/JP]; c/o JMS CO.,
LTD., 12-17, Kako-machi, Naka-ku, Hi-
roshima-city, Hiroshima 7308652 (JP).
MATSUURA, Mari [JP/JP]; c/o JMS CO.,
LTD., 12-17, Kako-machi, Naka-ku, Hi-
roshima-city, Hiroshima 7308652 (JP).
TANAKA, Seishin [JP/JP]; c/o JMS CO.,
LTD., 12-17, Kako-machi, Naka-ku, Hi-
roshima-city, Hiroshima 7308652 (JP).

(74) **SHOBAYASHI, Masayuki** et al. / etc.; Ikebukuro City Heights 701, 18-34, Minami-ikebukuro 3-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61M 1/02, A61K 35/14, G01N 33/48

(11) WO 2004/103440 (13) A1

(21) PCT/JP2004/007310

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144036 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTAINER FOR SERUM PRODUCTION AND METHOD OF REGENERATIVE MEDICINE USING THE SAME
• RECIPIENT POUR PRODUCTION DE SERUM ET METHODE DE MEDECINE REGENERATRICE UTILISANT LEDIT RECIPIENT

(71) **JMS CO., LTD.** [JP/JP]; 12-17, Kako-machi, Naka-ku., Hiroshima-city, Hiroshima 7308652 (JP).

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

(72, 75) **SUZUKI, Koji** [JP/JP]; c/o JMS CO., LTD. 12-17, Kako-machi, Naka-ku., Hiroshima-city, Hiroshima7308652 (JP). **FUJII, Junya** [JP/JP]; c/o JMS CO., LTD. 12-17, Kako-machi, Naka-ku., Hiroshima-city, Hiroshima7308652 (JP). **MATSUURA, Mari** [JP/JP]; c/o JMS CO., LTD. 12-17, Kako-machi, Naka-ku., Hiroshima-city, Hiroshima7308652 (JP). **TANAKA, Seishin** [JP/JP]; c/o JMS CO., LTD. 12-17, Kako-machi, Naka-ku., Hiroshima-city, Hiroshima7308652 (JP). **KONDO, Ken** [JP/JP]; c/o JMS CO., LTD. 12-17, Kako-machi, Naka-ku., Hiroshima-city, Hiroshima7308652 (JP).

(74) **SHOBAYASHI, Masayuki** et al. / etc.; Ikebukuro City Heights 701, 18-34, Minami-ikebukuro 3-chome., Toshima-ku, Tokyo1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61M 1/10, 39/00

(11) WO 2004/103441 (13) A1

(21) PCT/RU2003/000226

(22) 22 May/mai 2003 (22.05.2003)

(25) ru (26) ru

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CARDIA BYPASS, DEVICE FOR CARRYING OUT SAID METHOD AND A VASCULAR CANULA

• PROCEDURE DE PONTAGE CARDIAQUE, APPAREIL PERMETTANT SA MISE EN OEUVRE, ET CANULE VASCULAIRE

(71) **INSTITUT LASERNOY PHIZIKI SO RAN** [RU/RU]; pr. Ak. Lavrentieva, 13/3, Novosibirsk, 630090 (RU).

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

(72, 75) **BAGAYEV, Sergey Nikolaevich** [RU/RU]; ul. Voevodskogo, 14, Novosibirsk, 630090 (RU). **ZAKHAROV, Vladimir Nikolaevich** [RU/RU]; ul. Tereskovoi, 46-31, Novosibirsk, 630090 (RU). **ORLOV, Valeri Aleksandrovich** [RU/RU]; ul. Lesosechnaya, 5-264, Novosibirsk, 630060 (RU).

(81) AT AU BG BR BY CA CN CO DE GB IL IN JP KR MX NO PL SE UA US ZA.

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

(51)⁷ A61M 1/16, G06F 3/033, 19/00

(11) WO 2004/103442 (13) A1

(21) PCT/EP2004/005115

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 843.3 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BLOOD TREATING DEVICE

• APPAREIL POUR TRAITER LE SANG

(71) **FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH** [DE/DE]; Else-Kröner-Strasse 1, 61352 Bad Homburg (DE).

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

(72, 75) **DANIEL, Pia** [DE/DE]; Burgstrasse 2/1, 78351 Bodman (DE).

(74) **DREYHSIG, Jörg**; Fresenius Medical Care AG, Frankfurter Strasse 6-8, 66606 St. Wendel (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 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 A61M 1/36, A61L 2/08

(11) WO 2004/103443 (13) A1

(21) PCT/CN2004/000516

(22) 21 May/mai 2004 (21.05.2004)

(25) zh (26) zh

(30) 03136647.3 22 May/mai 2003 CN (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR INACTIVATING VIRUS IN CIRCULAR BLOOD AND ITS APPLICATIONS IN TREATING VIRAL DISEASES

• METHODE PERMETTANT D'INACTIVER UN VIRUS DANS LE SANG EN CIRCULATION, ET SES APPLICATIONS DANS LE TRAITEMENT DES MALADIES VIRALES

(71) **BEIJING JINGJING MEDICAL EQUIPMENT CO., LTD.** [CN/CN]; No. 11, Wanyuan Street, Beijing Economic-technological Development Area, Beijing 100176 (CN).

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(72, 75) **WU, Weixing** [CN/CN]; No. 27, Taiping Road, Haidian District, Beijing 100850 (CN). **KAM, Yuen** [CN/CN]; No. 11, Wanyuan Street, Beijing Economic-technological Development Area, Beijing 100176 (CN).

(74) **JEEKAI & PARTNERS**; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Xicheng District, Beijing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61M 5/32

(11) WO 2004/103444 (13) A1

(21) PCT/CN2004/000455

(22) 9 May/mai 2004 (09.05.2004)

(25) zh (26) zh

(30) 03262155.8 9 May/mai 2003 CN (09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPOSABLE NEEDLE OF SAFE SYRINGE

• ENSEMBLE AIGUILLE JETABLE DE SERINGUE DE SECURITE

(71, 72) **HSIEH, Hsien-Wen** [CN/CN]; No.28, 6 Ling, Chengkong Rd., O-Mei Village, Shin Chu Country, Taiwan (CN).

(74) **CHINA TRADEMARK & PATENT LAW OFFICE CO. LTD.**; Yuxin Bld., 14, Yuetan Nanjie, Xichengqu, Beijing 100045 (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 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).

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 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)

(u) *for / pour US only / seulement*

(51)⁷ **A61M 15/00**

(11) **WO 2004/103445** (13) A1

(21) PCT/CH2004/000309

(22) **21 May/mai 2004 (21.05.2004)**

(25) fr (26) fr

(30) 903/03 **21 May/mai 2003 CH (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **POWDER INHALATION DEVICE**

• **DISPOSITIF D'INHALATION DE POUDRE**

(71, 72) **AIACHE, Jean-Marc** [FR/FR]; 17 Rue Maréchal Gallieni, F-63000 Clermont-Ferrand (FR). **CARDOT, Jean-Michel** [FR/FR]; 18, Avenue de Charade, F-63122 Ceyrat (FR).

(72, 75) **ROARD, Yann** [FR/FR]; Le Mariane Bat B, 60, rue Emile Dechame, F-06170 Saint Laurent du Var (FR). **SAUZADE, Jean-Denis** [FR/FR]; Commanderie Saint Christophe, Ch. Saint Christophe, F-06130 Grasse (FR).

(74) **ROLAND, André**; Avenue Tissot 15, CH-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 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 **A61M 15/00**

(11) **WO 2004/103446** (13) A1

(21) PCT/GB2004/002234

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 0312007.8 **24 May/mai 2003 GB (24.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MEDICAMENT CONTAINER**

• **RECIPIENT A MEDICAMENTS**

(71) **INNOVATA BIOMED LIMITED** [GB/GB]; The Ziggurat, Grosvenor Road, St. Albans AL1 3HW (GB).

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(72, 75) **GORDON, James** [GB/GB]; 9 Henry Street, Barbourne, Worcester WR1 1RB (GB).

(74) **JONES, Stephen, Anthony**; Adamson-Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61M 15/00**

(11) **WO 2004/103447** (13) A2

(21) PCT/IB2004/001974

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 0311570.6 **20 May/mai 2003 GB (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **DELIVERY DEVICE AND METHOD**

• **DISPOSITIF ET PROCÉDE D'ADMINISTRATION**

(71) **OPTINOSE AS** [NO/NO]; Lökkaskogen 18c, N-0773 Oslo (NO).

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

(72, 75) **DJUPELAND, Per, Gisle** [NO/NO]; Lökkaskogen 18C, N-0773 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 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 **A61M 16/04**

(11) **WO 2004/103448** (13) A1

(21) PCT/US2004/001409

(22) **20 Jan/jan 2004 (20.01.2004)**

(25) en (26) en

(30) 10/430,813 **6 May/mai 2003 US (06.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **RESPIRATORY APPARATUS HAVING AN INSTRUMENT INTRODUCTION SECTION AND MANIFOLD**

• **APPAREIL RESPIRATOIRE POSSEDANT UNE PARTIE D'INTRODUCTION D'INSTRUMENT ET UN DISTRIBUTEUR**

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

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(72, 75) **MADSEN, Edward, B.** [US/US]; 12707 South 3160 West, Riverton, UT 84065 (US). **LETSON, William, W.** [US/US]; 3580 Waters Cove Way, Alpharetta, GA 30022 (US).

(74) **PIEROTTI, Neal, P. et al. / etc.**; Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

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

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

(51)⁷ **A61M 25/10**

(11) **WO 2004/103449** (13) A1

(21) PCT/US2004/013299

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/439,334 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **FLUID DELIVERY SYSTEM AND RELATED METHODS OF USE**

• **SYSTEME DE DISTRIBUTION DE FLUIDE ET PROCÉDES D'UTILISATION ASSOCIES**

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, Minnesota 55311-1566 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERRY, Stephen, J. [US/US]; 151 Great Road, Shirley, MA 01464 (US). CARTER, Michele, B. [US/US]; 222 Algonquin Trail, Ashland, MA 01721 (US). CONTI, David, R. [US/US]; 31 Garden Road, Stoneham, MA 01280 (US). JANECEK, Thomas, F. [US/US]; 2303 Lantern Lane, Flagstaff, AZ 86001 (US). KNODEL, Bryan, D. [US/US]; 6050 Saskan Ranch Circle, Flagstaff, AZ 86001 (US). HOLLARS, Anthony, Scott [US/US]; 6445 W Lost Canyon Drive, Tucson, AZ 85745 (US). CROWLEY, Peter [US/US]; 10 Quail Run Road, Norfolk, MA 02056 (US). HOVEY, Donald, C. [US/US]; 6 Wood Road, Sherborn, MA 01770 (US). CHURCHILL, William, Lucas [US/US]; 28 Battery Street #1, Boston, MA 02109 (US). GOLDEN, John, B. [US/US]; One Furnace Pond Way, Norton, MA 02766 (US). CHIN, Yem [US/US]; 35 University Avenue, Burlington, MA 01803 (US). ADAMS, Mark, L. [US/US]; 123 Rayburn Road, Stoughton, MA 02072 (US). YEE, Carleton, E. [US/US]; 2025 Felton Street, San Diego, CA 92104 (US). ANDERHUB, Otto, E. [US/US]; 9661 SW 77th Avenue, #102F, Miami, FL 33156 (US).

(74) GARRETT, Arthur S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, 1300 I Street, NW, Washington, DC 20005-3315 (US).

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

Published / Publiée : (c)

(51)⁷ A61M 29/00

(11) WO 2004/103450 (13) A1

(21) PCT/JP2004/007330

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146770 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STENT SUPPLYING DEVICE

• DISPOSITIF D'AMENEE DE STENT

(71) KABUSHIKIKAISHA IGAKI IRYO SEKKEI [JP/JP]; Furuhashi Yamashina Bldg., 4, Kanda-cho, Shinomiya, Yamashina-ku, Kyoto-shi, Kyoto, 6078035 (JP).
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(72, 75) IGAKI, Keiji [JP/JP]; c/o KABUSHIKIKAISHA IGAKI IRYO SEKKEI Furuhashi Yamashina Bldg., 4, Kanda-cho, Shinomiya, Yamashina-ku, Kyoto-shi, Kyoto, 6078035 (JP).

(74) KOIKE, Akira et al. / etc.; Yamato Seimei Bldg., 11th Floor, 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 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 A61M 29/02

(11) WO 2004/103451 (13) A1

(21) PCT/JP2004/006966

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146404 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEMPORARILY INDWELLED STENT AND STENT GRAFT

• STENT TEMPORAIREMENT A DE-MEURE ET GREFFE DE STENT

(71, 72) ISHIMARU, Shin [JP/JP]; 1-23-23, Jingumae, Shibuya-ku, Tokyo 1500001 (JP). KITAMURA, Atsushi [JP/JP]; 5-30, Izumi Honcho, Kanazawa-shi, Ishikawa 9218042 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 1500013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 A61M 35/00, 27/00, A61H 33/14, A61L 2/20

(11) WO 2004/103452 (13) A1

(21) PCT/GB2004/002212

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311958.3 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHODS FOR DISINFECTING A SURFACE

• APPAREIL ET PROCÉDE PERMETTANT DE DESINFECTER UNE SURFACE

(71) BIOQUELL UK LIMITED [GB/GB]; Walworth Road, Andover Hampshire SP10 5AA (GB).

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(72, 75) CHEWINS, John, George [GB/GB]; 43 Woodlands, Woodlands Way, Andover Hampshire SP10 5AA (GB).

(74) BAYLISS, Geoffrey, Cyril et al. / etc.; BOULT WADE TENNANT, Verulam Gardens, 70 Gray's Inn Road, LONDON Greater 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 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 A61M 39/02, A61J 1/20

(11) WO 2004/103453 (13) A1

(21) PCT/JP2004/006988

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-145250 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEALING BODY, CAP WITH THE SEALING BODY, AND MEDICAL CONTAINER

• CORPS DE FERMETURE, BOUCHON COMPRENANT LE CORPS DE FERMETURE, ET RECIPIENT MEDICAL

(71) OTSUKA PHARMACEUTICAL FACTORY, INC. [JP/JP]; 115, Aza-Kuguhara, Tateiwa, Muya-cho, Naruto-shi, Tokushima 7728601 (JP).

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(72, 75) TEZUKA, Kenji [JP/JP]; 18-3, Aza Uneme, Bando, Oasa-cho, Naruto-shi, Tokushima 7790234 (JP). HONDA, Hiroshi [JP/JP]; 4-10, Sako 4 ban-cho, Tokushima-shi, Tokushima 7700024 (JP). KAGA, Junji [JP/JP]; 11-1, Aza San-oumiya, Ejiri, Kitajima-cho, Itano-gun, Tokushima 7710205 (JP). OKA, Minoru [JP/JP]; 27-4, Aza Matsudo, Ejiri, Kitajima-cho, Itano-gun, Tokushima 7710205 (JP). SHOJI, Hidekatsu [JP/JP]; 1-10, Aza

- Nibu, Shinkirai, Kitajima-cho, Itano-gun, Tokushima 7710207 (JP).
- (74) **INAOKA, Kosaku** et al. / etc.; c/o AI ASSOCIATION OF PATENT AND TRADE-MARK ATTORNEYS, Sun Mullion NBF Tower, 21st Floor, 6-12, Minamihom-machi 2-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61M 39/26, 39/04**
- (11) **WO 2004/103454** (13) A1
- (21) PCT/US2004/014233
- (22) **5 May/mai 2004 (05.05.2004)**
- (25) en (26) en
- (30) 10/438,702 **14 May/mai 2003 US (14.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SELF-SEALING MALE CONNECTOR
• RACCORD MALE AUTO-OBTURATEUR
- (71) **ALARIS MEDICAL SYSTEMS, INC.** [US/US]; 10221 Wateridge Circle, Building A, San Diego, CA 92121 (US).
- (72) **RAYBUCK, John**; 1368 Kelton, Los Angeles, CA 90024 (US).
- (74) **RUNK, Thomas, A.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Tenth Floor, Howard Hughes Center, 6060 Center Drive, Los Angeles, CA 90045 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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- Published / Publiée : (c)
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- (51)⁷ **A61N**
- (11) **WO 2004/103455** (13) A2
- (21) PCT/IL2004/000440
- (22) **23 May/mai 2004 (23.05.2004)**
- (25) en (26) en
- (30) PCT/IL03/00431 **23 May/mai 2003 IL (23.05.2003)**
- (30) 10/719,659 **20 Nov/nov 2003 US (20.11.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SELECTIVE NERVE FIBER STIMULATION FOR TREATING HEART CONDITIONS
• STIMULATION SELECTIVE DES FIBRES NERVEUSES POUR TRAITER LES PATHOLOGIES CARDIAQUES
- (71) **BIOCONTROL MEDICAL LTD.** [IL/IL]; 3 Giron Street, 56100 Yehud (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEN DAVID, Tamir** [IL/IL]; 15 Mordechai Zaira, 69624 Tel Aviv (IL).
AYAL, Shai [IL/IL]; 9 Degania Street, 96143 Jerusalem (IL). **BEN EZRA, Omry** [IL/IL]; 23 Tura Street, 94102 Jerusalem (IL). **COHEN, Ehud** [IL/IL]; 8 HaCarmel Street, 55900 Ganei Tikva (IL).
- (74) **SANFORD T. COLB & CO.** et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61N**
- (11) **WO 2004/103456** (13) A2
- (21) PCT/US2004/012322
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 10/437,838 **14 May/mai 2003 US (14.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • NON-INVASIVE APPARATUS AND METHOD FOR PROVIDING RF ENERGY-INDUCED LOCALIZED HYPERTHERMIA
• DISPOSITIF ET PROCÉDE NON INVASIFS PERMETTANT D'OBTENIR UNE HYPERTHERMIE LOCALISÉE INDUITE PAR ENERGIE RF
- (71) **DUKE UNIVERSITY** [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMULSKI, Thaddeus, V.** [US/US]; 801 Creekstone Drive, Chapel Hill, NC 27516 (US).
- (74) **JENKINS, Richard, E.**; Jenkins, Wilson & Taylor, P.A., Suite 1400, University Tower, 3101 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 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 **A61N**
- (11) **WO 2004/103457** (13) A2
- (21) PCT/US2004/014785
- (22) **11 May/mai 2004 (11.05.2004)**
- (25) en (26) en
- (30) 60/470,335 **14 May/mai 2003 US (14.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ENHANCED MICRO-RADIATION THERAPY AND A METHOD OF MICRO-IRRADIATING BIOLOGICAL SYSTEMS
• RADIOTHERAPIE PAR MICRO-FAISCEAUX AMELIOREE ET PROCÉDE D'IRRADIATION DE SYSTEMES BIOLOGIQUES AU MOYEN DE MICRO-FAISCEAUX
- (71) **WASHINGTON UNIVERSITY IN ST. LOUIS** [US/US]; One Brookings Drive, St. Louis, MO 63130 (US).
- (72) **LOW, Daniel, A.**; 18 Sherwyn Lane, St. Louis, MO 63141-7821 (US). **GRIGSBY, Perry, W.**; 3 Elm Ave., St. Louis, MO 63122-4386 (US).
- (74) **RASCHE, Patrick, W.** et al. / etc.; Armstrong, Teasdale LLP, Suite 2600, One Metropolitan Square, St. Louis, MO 63102-2740 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **A61N**
- (11) **WO 2004/103458** (13) A2
- (21) PCT/US2004/015061
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) en (26) en
- (30) 60/470,451 **15 May/mai 2003 US (15.05.2003)**
- (30) 10/821,451 **9 Apr/avr 2004 US (09.04.2004)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • VARIABLE EGM FILTERING AND FIXATION PREDICTION

• FILTRAGE D'EGM VARIABLE ET PRE-VISION DE FIXATION

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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(72, 75) **AHERN, Thomas, S.** [US/US]; 4151, Coronado, CA 92118 (US). **LASKE, Timothy, G.** [US/US]; 5820 evergreen Lane, Shoreview, MN 55126 (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 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).

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 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)

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

(51)⁷ A61N

(11) **WO 2004/103459** (13) A2

(21) PCT/US2004/015818

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,104 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RESPIRATORY CONTROL BY MEANS OF NEURO-ELECTRICAL CODED SIGNALS

• CONTROLE RESPIRATOIRE A L'AIDE DE SIGNAUX CODES NEURO-ELECTRIQUES

(71) **SCIENCE MEDICUS, INC.** [US/US]; 539 Oliver Ross Dr. NW, Albuquerque, NM 87121 (US).

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

(72) **SCHULER, Eleanor;** 2201 Spruce Needle Road, Rio Rancho, NM 87124 (US). **LEE,**

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(74) **LEE, William, M., Jr.;** Barnes & Thornburg LLP, P.O. Box 2786, Chicago, IL 60690-2786 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A61N 1/00, A61B 5/04, A61N 1/36, A61M 25/02, A61F 2/12

(11) **WO 2004/103460** (13) A1

(21) PCT/US2004/014805

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/471,262 **16 May/mai 2003 US (16.05.2003)**

(30) 60/503,945 **20 Sep/sep 2003 US (20.09.2003)**

(30) 10/835,232 **29 Apr/avr 2004 US (29.04.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE POUCH FOR RECEIVING A MEDICAL LEAD

• POCHE IMPLANTABLE POUR LOGER UN CABLE MEDICAL

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

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

(72) **SINGHAL, Ruchika;** 17 South First St., Apt. A1005, Minneapolis, MN 55401 (US).

(74) **HANSON, Daniel, J.;** Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/02, A61L 27/36, A61N 7/00

(11) **WO 2004/103461** (13) A1

(21) PCT/GB2004/002055

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 0311800.7 **22 May/mai 2003 GB (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ULTRASONIC MODIFICATION OF SOFT TISSUE MATRICES

• MODIFICATION PAR ULTRASONS DE MATRICES DE TISSUS MOUS

(71) **UNIVERSITY OF LEEDS** [GB/GB]; Leeds LS2 9JT (GB).

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

(72, 75) **INGHAM, Eileen** [GB/GB]; Department of Microbiology, School of Biochemistry and Molecular Biology, University of Leeds, Leeds LS2 9JT (GB). **FISHER, John** [GB/GB]; University of Leeds, School of Mechanical Engineering, Leeds LS2 9JT (GB).

(74) **HARRISON GODDARD FOOTE;** Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61N 1/04, A61B 5/04, A61N 1/02, 1/05

(11) **WO 2004/103462** (13) A1

(21) PCT/US2004/014862

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/471,262 **16 May/mai 2003 US (16.05.2003)**

(30) 60/503,945 **20 Sep/sep 2003 US (20.09.2003)**

(30) 10/835,232 **29 Apr/avr 2004 US (29.04.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE BURR HOLE CAP WITH LEAD MANAGEMENT STRUCTURE

• CAPSULE POUR TROU DE TREPAN IMPLANTABLE AVEC STRUCTURE DE GESTION DES FILS

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5604 (US).

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(72) **SINGHAL, Ruchika;** 17 South First St., Apt. A1005, Minneapolis, MN 55401 (US). **WAHLSTRAND, Carl, D.;** 6347 Langer Lane, Lino Lakes, MN 55038 (US). **SKIME,**

Robert, M.; 2357 132nd Avenue NW, Coon Rapids, MN 55448 (US).

(74) HANSON, Daniel, J.; Shumaker & Sieffert, P.A., Suite 105, 8425 Seasons Parkway, St Paul, MI 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/05, 1/34, 1/36, 1/375

(11) WO 2004/103463 (13) A1

(21) PCT/US2004/014804

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,262 16 May/mai 2003 US (16.05.2003)

(30) 10/835,233 29 Apr/avr 2004 US (29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE MEDICAL DEVICE WITH A NONHERMETIC BATTERY

• DISPOSITIF MEDICAL IMPLANTABLE AVEC PILE NON HERMETIQUE

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5604 (US).

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(72) SCOTT, Erik, R.; 7781 Shenandoah Lane, Maple Grove, MN 55311 (US). WAHLSTRAND, Carl, D.; 6347 Langer Lane, Lino Lakes, MN 55038 (US). SKIME, Robert, M.; 2357 132nd Avenue N.W., Coon Rapids, MN 55448 (US). SCHMIDT, Craig, L.; 831 Hidden Meadow Trail, Eagan, MN 55123 (US).

(74) KELLY, Jason, D.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/16

(11) WO 2004/103464 (13) A1

(21) PCT/YU2003/000021

(22) 14 Aug/août 2003 (14.08.2003)

(25) en (26) en

(30) P-399/03 21 May/mai 2003 YU (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR CONTINUAL NEUTRALIZATION OF BROAD ELECTROMAGNETIC SPECTRUM RADIATION

• DISPOSITIF DE NEUTRALISATION CONTINUE DU SPECTRE LARGE DU RAYONNEMENT ELECTROMAGNETIQUE

(71, 72) RADOVIC, Savo [YU/YU]; Krunska 24, YU-11000 Beograd (YU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61N 1/32, A61B 5/00

(11) WO 2004/103465 (13) A1

(21) PCT/US2004/015084

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,262 16 May/mai 2003 US (16.05.2003)

(30) 10/835,548 29 Apr/avr 2004 US (29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEADSET RECHARGER FOR CRANIALLY IMPLANTABLE MEDICAL DEVICES

• RECHARGEUR DE CASQUE POUR DISPOSITIFS MEDICAUX A IMPLANTATION CRANIEENNE

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

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(72) WAHLSTRAND, Carl, D.; 6347 Langer Lane, Lino Lakes, MN 55038 (US). PHILLIPS, William, C.; 8941 Cambridge

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(74) KELLY, Jason, D.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/36, 1/375, H04R 25/00, A61F 2/02

(11) WO 2004/103466 (13) A1

(21) PCT/US2004/014801

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471, 262 16 May/mai 2003 US (16.05.2003)

(30) 60/503, 945 20 Sep/sep 2003 US (20.09.2003)

(30) 10/835, 232 29 Apr/avr 2004 US (29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE MEDICAL DEVICE WITH RADIOPAQUE ELEMENT

• DISPOSITIF MEDICAL IMPLANTABLE MUNI D'UN ELEMENT RADIO-OPAQUE

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

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(72) SINGHAL, Ruchika; 17 South First St., Apt. A1005, Minneapolis, MN 55401 (US). WAHLSTRAND, Carl, D.; 6347 Langer Lane, Lino Lakes, MN 55038 (US). SKIME, Robert, M.; 2357 132nd Avenue NW, Coon Rapids, MN 55448 (US).

(74) HANSON, Daniel, J.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/36, 1/375

(11) WO 2004/103467 (13) A1

(21) PCT/US2004/014803

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,262 16 May/mai 2003 US
(16.05.2003)

(30) 60/503,945 20 Sep/sep 2003 US
(20.09.2003)

(30) 10/835,232 29 Apr/avr 2004 US
(29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE MEDICAL DEVICE
WITH GRIPPABLE ACCESS STRUC-
TURE

• DISPOSITIF MEDICAL IMPLAN-
TABLE AVEC STRUCTURE D'ACCES
PREHENSIBLE

(71) MEDTRONIC, INC. [US/US]; 710
Medtronic Parkway N.E., Minneapolis,
MN 55432-5604 (US).

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SKIME, Robert, M.; 2357 132nd Avenue
N.W., Coon Rapids, MN 55448 (US). SHA-
RAN, Ashwini; 11 Yearling Chase, Mt.
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(74) HANSON, Daniel, J.; Shumaker & Sieffert,
P.A., 8425 Seasons Parkway, Suite 105, St.
Paul, MN 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/36, A61B 5/04

(11) WO 2004/103468 (13) A1

(21) PCT/US2004/014806

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,262 16 May/mai 2003 US
(16.05.2003)

(30) 60/503,945 20 Sep/sep 2003 US
(20.09.2003)

(30) 10/835,232 29 Apr/avr 2004 US
(29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPLANTABLE MEDICAL DEVICE
WITH LEAD MANAGEMENT STRUC-
TURE

• DISPOSITIF MEDICAL IMPLAN-
TABLE AVEC STRUCTURE DE GES-
TION DE CABLES

(71) MEDTRONIC, INC. [US/US]; 710
Medtronic Parkway NE, Minneapolis, MN
55432-5604 (US).

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les États désignés sauf US)

(72) SINGHAL, Ruchika; 17 South First St.,
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Robert, M.; 2357 132nd Avenue NW, Coon
Rapids, MN 55448 (US).

(74) HANSON, Daniel, J.; Shumaker & Sieffert,
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Paul, MI 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/375, H01M 6/00, 2/00

(11) WO 2004/103469 (13) A1

(21) PCT/US2004/014802

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,262 16 May/mai 2003 US
(16.05.2003)

(30) 10/835,245 29 Apr/avr 2004 US
(29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BATTERY HOUSING CONFIGURA-
TION

• CONFIGURATION DE LOGEMENT DE
PILE

(71) MEDTRONIC, INC. [US/US]; 710
Medtronic Parkway N.E., Minneapolis,
MN 55432-5604 (US).

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

(72) SCOTT, Erik, R.; 7781 Shenandoah
Lane, Maple Grove, MN 55311 (US).
WAHLSTRAND, Carl, D.; 6347 Langer
Lane, Lino Lakes, MN 55038 (US). SKIME,
Robert, M.; 2357 132nd Avenue N.W., Coon
Rapids, MN 55448 (US). SCHMIDT, Craig,
L.; 831 Hidden Meadow Trail, Eagan, MN
55123 (US). HAASE, James, M.; 3016
Frank Street, Maplewood, MN 55109 (US).

(74) KELLY, Jason, D.; Shumaker & Sieffert,
P.A., 8425 Seasons Parkway, Suite 105, St.
Paul, MN 55125 (US).

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

Published / Publiée : (c)

(51)⁷ A61N 1/39, 1/05, 1/00

(11) WO 2004/103470 (13) A1

(21) PCT/US2004/015152

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/439,201 15 May/mai 2003 US
(15.05.2003)

(30) 10/631,547 29 Jul/juil 2003 US
(29.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEDICAL SYSTEM INCLUDING A
NOVEL BIPOLAR PACING PAIR

• SYSTEME MEDICAL COMPRENANT
UN NOUVEAU COUPLE BIPOLAIRE
DE STIMULATION CARDIAQUE

(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) BROWN, Mark, L. [US/US]; 10
Buffalo Road, North Oaks, MN 55127
(US). WARMAN, Eduardo, N. [US/US];
10949 Pheasant Lane North, Maple Grove,
MN 55369 (US). GILLBERG, Jeffrey,
M. [US/US]; 155 107th Lane northwest,
Coon Rapids, MN 55448 (US). BONNER,
Matthew, D. [US/US]; 18400 5th Avenue
North, Plymouth, MN 55447 (US). MAR-
SHALL, Mark, T. [US/US]; 7554 155th
Avenue Northeast, Forest Lake, MN 55025
(US). WHITMAN, Teresa, A. [US/US];
12660 135 1/2 Avenue North, Dayton, MN
55327 (US).

(74) BELDEN, Elisabeth, L. et al. / etc.; MS
LC340, 710 Medtronic Parkway, Minneapo-
lis, 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 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).

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 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)

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

(51)⁷ A61N 5/06

(11) WO 2004/103471 (13) A1

(21) PCT/GB2004/002187

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311950.0 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOTO-ACTIVATED DISINFECTION
• DESINFECTION PHOTO-ACTIVEE

(71) DENFOTEX LIMITED [GB/GB]; Wyndham, Hophurst Hill, Crawley Down, West Sussex RH10 4LP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLLES, Michael, John [GB/GB]; Denfotex Limited, Wyndham, Hophurst Hill, Crawley Down, West Sussex RH10 4LP (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 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 A61N 7/00, G10K 11/34

(11) WO 2004/103472 (13) A1

(21) PCT/IB2004/001512

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/443,549 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ACOUSTIC BEAM FORMING IN PHASED ARRAYS INCLUDING LARGE NUMBERS OF TRANSDUCER ELEMENTS

• FORMATION DE FAISCEAUX ACOUSTIQUES EN RESEAUX PHASES COMPRENANT DE NOMBREUX ELEMENTS TRANSDUCTEURS

(71) INSIGHTEC - IMAGE GUIDED TREATMENT LTD [IL/IL]; P.O. Box 2059, 39120 Tirat Carmel (IL).

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

(72, 75) VORTMAN, Kobi [IL/IL]; Netiv Ofakim 21, 34467 Haifa (IL). VITEK, Shuki [IL/IL]; Ilanott 33A, 34324 Haifa (IL). EZION, Avner [IL/IL]; Yefe Nof 8, 34467 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 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 A62B 1/04

(11) WO 2004/103473 (13) A1

(21) PCT/FR2004/001146

(22) 11 May/mai 2004 (11.05.2004)

(25) fr (26) fr

(30) 03/06019 20 May/mai 2003 FR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR PROTECTING A USER IN THE EVENT OF A FALL FROM AN ESSENTIALLY-VERTICAL PATH

• DISPOSITIF DE PROTECTION D'UN UTILISATEUR EN CAS DE CHUTE D'UNE VOIE SENSIBLEMENT VERTICALE

(71) MODALIS [FR/FR]; 300 Chemin du Moulin de Fort, F-13120 Gardanne (FR).

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

(72, 75) MEI, Bernard [FR/FR]; 300 chemin du Moulin de Fort, F-13120 Gardanne (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 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).

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 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)

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

(u) for / pour US only / seulement

(51)⁷ A62B 1/06

(11) WO 2004/103474 (13) A1

(21) PCT/KR2004/001138

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10-2003-0033146 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SAFETY ESCAPE CHUTE APPARATUS
• DISPOSITIF D'EVACUATION DE SECURITE

(71, 72) JEUN, Sun, Yoo [KR/KR]; 87-60 Myeonmok 1-dong, Jungnang-gu., Seoul, 131-817 (KR).

(74) YANG, Gun, Sik; #509 Junggok B/D., 1705 Secho-dong, Secho-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A62B 13/00

(11) WO 2004/103475 (13) A1

(21) PCT/CH2004/000304

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 924/03 22 May/mai 2003 CH (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VENTILATION SYSTEM PROVIDING NBC PROTECTION
• INSTALLATION DE VENTILATION POUR LA PROTECTION NBC

(71) ANDAIR AG [CH/CH]; Schaubenstrasse 4, CH-8450 Andelfingen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIEDO, Hans [CH/CH]; Schulstrasse 6, CH-8462 Rheinau (CH).

(74) PATENTANWÄLTE BREITER + WIEDMER AG; Seuzachstrasse 2, Postfach 366, CH-8413 Neftenbach (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A62B 18/02, 18/08, 23/02

(11) WO 2004/103476 (13) A1

(21) PCT/FR2004/001195

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05993 16 May/mai 2003 FR (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RESPIRATOR MASK WITH HYGIENIC PROTECTION
• MASQUE RESPIRATOIRE A PROTECTION HYGIENIQUE

(71) INTERTECHNIQUE [FR/FR]; 61, rue Pierre Curie, F-78373 Plaisir Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHEGERIN, Robert [FR/FR]; Boîte postale 20, F-78142 Vélizy Cedex (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 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).

Published / Publiée : (c)

Declarations / Déclarations :

(i) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A62C 3/02

(11) WO 2004/103477 (13) A1

(21) PCT/IB2004/001621

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) P-200301204 23 May/mai 2003 ES (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR THE CONTROL AND EXTINCTION OF FOREST FIRES.

• SYSTEME POUR LA MAITRISE ET L'EXTINCTION DE FEUX DE FORET

(71, 72) SERRANO MOLINA, José Antonio [ES/ES]; C. Camelias, 5é C, E-08110 MONTCADA I REIXAC (ES).

(74) PONTI SALES, Adelaida et al. / etc.; Oficina Ponti, S.L., C. de Consell de Cent 322, E-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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ A62C 13/62

(11) WO 2004/103478 (13) A1

(21) PCT/US2004/016181

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,883 20 May/mai 2003 US (20.05.2003)

(30) 60/485,305 3 Jul/juil 2003 US (03.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPHTHALMIC DRUG DELIVERY SYSTEM

• SYSTEME DE DISTRIBUTION DE MEDICAMENTS OPHTALMIQUES

(71, 72) COLLINS, James, F. [US/US]; 2-01 50th Avenue, Apartment 3R, Long Island City, NY 11101 (US).

(72, 75) CHINNOCK, Randal, B. [US/US]; 53 McGilpin Road, Sturbridge, MA 01566 (US). MELANSON, Jeffrey [US/US]; 90 Fiske Hill Road, Sturbridge, MA 01566 (US). HOWARD, Joseph [US/US]; 148 Brook Street, Bayshore, NY 11706 (US).

(74) MAENNER, Joseph, E.; Monte & McGraw, P.C., P.O. Box 650, 4092 Skippack Pike, 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 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 A62C 15/00

(11) WO 2004/103479 (13) A1

(21) PCT/BR2003/000067

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIRE-FIGHTING APPARATUS
• APPAREIL DE LUTTE CONTRE L'INCENDIE

(71) GUARANY INDÚSTRIA E COMÉRCIO LTDA. [BR/BR]; Rodovia Waldomiro Correa de Camargo, s/n, km 56,6 - SP79, Pirapitingui - Itu - SP (BR).

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

(72, 75) BELLANDI, Carlos, Alberto, Fleury [BR/BR]; Rodovia Waldomiro Correa de Camargo, s/n, km 56,6, SP79, Pirapitingui - Itu - SP (BR).

(74) CRUZEIRO/NEWMARC PATENTES E MARCAS LTDA; Rua Itajobi, 79, Pacaembu, CEP-01246-010 São Paulo, SP (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 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A62D 1/00

(11) WO 2004/103480 (13) A1

(21) PCT/GB2004/002204

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311707.4 21 May/mai 2003 GB
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENTS IN OR RELATING
TO FIRE RETARDANT COMPOSI-
TIONS• AMELIORATIONS RELATIVES A DES
COMPOSITIONS IGNIFUGES(71) MAGENTA CHEMICALS Ltd [GB/GB];
Hillside, Golf Course Road, Southampton,
Hampshire SO16 7LE (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SHEPHERD, Michael [GB/GB]; Ma-
genta Chemicals Ltd, Hillside, Golf Course
Road, Southampton., Hampshire SO16 7LE
(GB). SMITH, Christopher [GB/GB]; Ma-
genta Chemicals Ltd, Hillside, Golf Course
Road, Southampton., Hampshire SO16 7LE
(GB). WARD, Anthony [GB/GB]; Magenta
Chemicals Ltd, Hillside, Golf Course Road,
Southampton., Hampshire SO16 7LE (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 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 A63B

(11) WO 2004/103481 (13) A2

(21) PCT/US2004/015640

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,466 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REMOVABLE WHEEL ASSEMBLY
FOR CART• ENSEMBLE ROULETTES AMOVIBLE
POUR CHARIOT(71, 72) BLACKMON, Melvin [US/US]; 2576
Westwood Bld., Los Angeles, CA 90064
(US). PHILLIPS, Jr., John, C. [US/US];
19200 Nordhoff St., Northridge, CA 91324
(US).(74) HARRIMAN, J. D. et al. / etc.; Coudert
Brothers LLP, 333 South Hope St. Suite 2300,
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 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 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).

Declarations / Déclarations :

*(s) for all designations / pour toutes les
désignations**(t) for all designations / pour toutes les
désignations**(u) for / pour US only / seulement*(51)⁷ A63B 9/00, A63H 33/04, 33/10

(11) WO 2004/103482 (13) A1

(21) PCT/NL2004/000369

(22) 24 May/mai 2004 (24.05.2004)

(25) nl (26) en

(30) 1023494 22 May/mai 2003 NL
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BUILDING ELEMENT, CONNECTOR,
FALL-ABSORBING BASE AND A KIT
OF PARTS FOR CONSTRUCTING A
PLAY APPARATUS• ELEMENT DE CONSTRU-
TION, CONNECTEUR, BASE
D'AMORTISSEMENT DE CHUTE ET
KIT DE PIÉCES DE CONSTRUCTION
D'UN APPAREIL DE JEU(71) RAYS CONCEPT DEVELOPMENT
[NL/NL]; Geldersedam 51, NL-5212 RC
's-Hertogenbosch (NL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) VAN OPHOVEN, Raymond, Wil-
helmus, Gerardus, Hendricus [NL/NL];
Geldersedam 51, NL-5212 RC 's-Hertogen-
bosch (NL).(74) EVELEENS MAARSE, Pieter; Patentwerk
B.V., P.O. Box 1514, NL-5200 BN 's-Herto-
genbosch (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 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).

Published / Publiée : (c)

(51)⁷ A63B 21/008, 21/012, 23/04

(11) WO 2004/103483 (13) A1

(21) PCT/CA2004/000760

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2,429,219 21 May/mai 2003 CA
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ORTHOPEDIC EXERCISER

• APPAREIL DE RE-EDUCATION FONC-
TIONNELLE(71) ROBOVIC INC [CA/CA]; 10 Boulet,
Princeville, Québec G6L 4M1 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) GAGNON, Guy [CA/CA]; 469 Rang
9, St-Albert, Québec J0A 1E0 (CA). FOU-
CAULT, André [CA/CA]; 129 Campagnat,
Victoriaville, Québec G6P 5J3 (CA). MAR-
COUX, Patrick [CA/CA]; 1615 chemin des
Chalets, St-Pierre-Baptiste, Québec G0P 1K0
(CA).(74) PRINCE, Gaétan et al. / etc.; BROUIL-
LETTE KOSIE PRINCE, 1100 René-
Lévesque Blvd. West, 25th Floor, Mon-
tréal, Québec H3B 5C9 (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 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).

Published / Publiée : (c)

(51)⁷ A63B 21/06, 21/072

(11) WO 2004/103484 (13) A1

(21) PCT/EP2004/000227

(22) 15 Jan/jan 2004 (15.01.2004)

(25) de (26) de

(30) 103 23 273.7 21 May/mai 2003 DE
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RETROFIT KIT FOR A TRAINING DE-
VICE AND TRAINING DEVICE• ENSEMBLE D'EQUIPEMENT COM-
PLEMENTAIRE POUR DISPOSITIF
D'ENTRAÎNEMENT ET DISPOSITIF
D'ENTRAÎNEMENT CORRESPON-
DANT(71, 72) EGGER, Norbert [AT/AT]; Eschen-
bachgasse 4a, A-5020 Salzburg (AT).(74) ERK, Patrick; Grünecker, Kinkeldey,
Stockmair & Schwanhäusser, Maximil-
ianstrasse 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 DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 22/14, F16C 19/10, 19/54, A61H 1/02

(11) WO 2004/103485 (13) A1

(21) PCT/JP2004/006249

(22) 11 May/mai 2004 (11.05.2004)

(25) ja (26) ja

(30) 2003-146923 23 May/mai 2003 JP (23.05.2003)

(30) 2004-088829 25 Mar/mar 2004 JP (25.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SWIVEL BASE DEVICE AND EXERCISE APPARATUS USING THE SAME
• DISPOSITIF A BASE OSCILLANTE ET APPAREIL D'EXERCICE FAISANT APPEL A CE DISPOSITIF

(71) KABUSHIKI KAISHA CULTURE MACHINE [JP/JP]; 155-1, Ooaza-Ushide, Nakano-shi, Nagano, 3830055 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARUGA, Mitsuzi [JP/JP]; c/o KABUSHIKI KAISHA CULTURE MACHINE, 155-1, Ooaza-Ushide, Nakano-shi, Nagano, 3830055 (JP).

(74) KOBAYASHI, Tsunenori; 2413, Ooaza-Nakano, Nakano-shi, Nagano, 3830013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 A63B 23/14, 21/06

(11) WO 2004/103486 (13) A1

(21) PCT/SE2004/000771

(22) 19 May/mai 2004 (19.05.2004)

(25) sv (26) en

(30) 0301502-1 22 May/mai 2003 SE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXERCISE DEVICE
• EXERCISEUR

(71, 72) BYSTRÖM, Johan [SE/SE]; Nordanäs 246, S-891 92 Örnsköldsvik (SE).

(74) OLSSON, Jan et al. / etc.; Bjerkens Patentbyrå KB, Box 1274, S-801 37 Gälve (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 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 A63B 37/00, C08L 101/00, 23/08, D01F 6/00

(11) WO 2004/103487 (13) A1

(21) PCT/US2004/016412

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,185 21 May/mai 2003 US (21.05.2003)

(30) 60/472,635 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARTICLES PREPARED FROM COMPOSITIONS MODIFIED WITH ORGANIC FIBER MICROPULP

• ARTICLES PREPARES A PARTIR DE COMPOSITIONS MODIFIEES PAR UNE MICROPULPE A FIBRES ORGANIQUES

(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) CHEN, John, Chu [US/US]; 21 Kent Drive, Hockessin, DE 19707 (US).

(74) EVANS, Craig, H.; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

Published / Publiée : (c)

(51)⁷ A63B 49/00

(11) WO 2004/103488 (13) A1

(21) PCT/FR2004/001208

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/05937 17 May/mai 2003 FR (17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • QUICK TO INSTALL ANTI-VIBRATION DEVICE FOR A TENNIS RACKET OR SQUASH RACKET

• ANTI-VIBRATION A POSE RAPIDE POUR RAQUETTE DE TENNIS OU DE SQUASH

(71, 72) BIANCHI, Jean-Claude [FR/FR]; 617, chemin des Cabots, 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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63B 69/40

(11) WO 2004/103489 (13) A1

(21) PCT/US2004/012927

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/441,430 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PORTABLE PITCHING MACHINE

• LANCEUR AUTOMATIQUE PORTABLE

(71, 72) CHERRY, Kim, N. [US/US]; 22345 Canada Road, Star, ID 83669 (US).

(74) NIPPER, Stephen, M.; DYKAS, SHAVER & NIPPER, LLP, P.O.Box 877, Boise, ID 83701-0877 (US).

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

Published / Publiée : (c)

(51)⁷ A63B 71/08

(11) WO 2004/103490 (13) A1

(21) PCT/IT2003/000847

(22) 19 Dec/déc 2003 (19.12.2003)

(25) en (26) en

(30) RM2003A000257 26 May/mai 2003 IT (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BITE-POSITIONER FOR GOLF PLAYERS
• POSITIONNEUR D'OCCLUSION POUR JOUEURS DE GOLF

(71, 72) GIANNONI, Rosalba [IT/IT]; Via Bon-tempi, 11, I-06100 Perugia (IT).

(74) DI CURZIO, Sergio; C/o Bugnion S.p.A., Via Vittorio Emanuele Orlando, 83, I-00183 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 PG PH PL PT RO RU 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 PT RO SE SI SK TR).

(51)⁷ A63C

(11) WO 2004/103491 (13) A2

(21) PCT/US2004/015218

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/441,610 20 May/mai 2003 US (20.05.2003)

(30) 10/646,030 22 Aug/août 2003 US (22.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SPORT BOARD CONTROL DEVICE AND FOOTPIECE
• DISPOSITIF DE COMMANDE ET ARTICLE CHAUSSANT POUR PLANCHE DE SPORT

(71, 72) SHAW, Robert, Neal [US/US]; 157 Sans Road, Watsnoville, CA 95076 (US).

(74) DE KLERK, Stephen, M. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A63C

(11) WO 2004/103492 (13) A2

(21) PCT/US2004/015366

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,741 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SNOWBOARD BINDING SYSTEM HAVING MULTIPLE TOOL-LESS ADJUSTMENTS
• SYSTEME DE FIXATION DE SURF DES NEIGES A AJUSTEMENTS MULTIPLES EFFECTUES SANS OUTILS

(63) US 10/438,741 (CON)
14 May/mai 2003 (14.05.2003)

(71) K-2 CORPORATION [US/US]; 19215 Vashon Highway Southwest, Vashon, WA 98070 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARRASCA, Robert, G. [US/US]; 6018 - 41st Avenue Southwest, Seattle, WA 98136 (US).

(74) STALLMAN, Brandon, C.; Christensen O'Connor Johnson Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A63F

(11) WO 2004/103493 (13) A2

(21) PCT/US2004/016026

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,463 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ELECTRONIC THROW-AND-CATCH GAME
• JEU D'ADRESSE ELECTRONIQUE

(71) GO. PRODUCTS, INC. [US/US]; 125 Rich Street, Greenbrae, CA 94904 (US). PROTO-TOY LLC [US/US]; 301 Ranch Road West, Pescadero, CA 94060 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUFLON, Raymond, H. [US/US]; 301 Ranch Road West, Pescadero, CA 94060 (US). NEAL, Phillip, H. [US/US]; 171 Terrace Avenue, San Rafael, CA 94901 (US).

(74) MARCUS, Brian, I.; Vierra Magen Marcus Harmon & DeNiro LLP, 685 Market Street, Suite 540, 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 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 A63F

(11) WO 2004/103494 (13) A2

(21) PCT/US2004/016183

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,315 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • MATCHING CARD GAME
• JEU D'APPARIEMENT DE CARTES

(71) MATTEL, INC. [US/US]; 333 Continental Blvd., El Segundo, CA 90245 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARDIE, Jeannie, Burns [US/US]; 15205 Haas Avenue, Gardena, CA 90249 (US).

(74) DEVOE, Charles, H.; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 A63F 3/06

(11) WO 2004/103495 (13) A1

(21) PCT/IB2004/001638

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311671.2 21 May/mai 2003 GB (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BETTING TERMINAL WITH LOGGING FACILITY
• TERMINAL DE PARI DOTE D'UN MOYEN D'ACQUISITION

(71) WATERLEAF LIMITED [GB/GB]; 1st Floor, 28 Victoria Street, Douglas, IM1 2LE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSHAL, Martin [ZA/GB]; c/o 69 Athol Street, Douglas, IM1 1JE Isle of Man (VG).

(74) BOWMAN GILFILLAN (JOHN & KERNICK); P O Box 3511, Halfway House, Midrand 1685 (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 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).

Published / Publiée : (c)

(51)⁷ A63F 3/06

(11) WO 2004/103496 (13) A1

(21) PCT/IB2004/001704

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,786 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DUAL PLAY AREA LOTTERY GAME WITH ENHANCED AUTHENTICATION SYSTEM

• JEU DE LOTERIE A DOUBLE ZONE DE JEU ET A SYSTEME D'AUTHENTIFICATION AMELIORE

(71) OBERTHUR GAMING TECHNOLOGIES INC. [CA/CA]; 3000 de 1 Assomption Boulevard, Montreal, Quebec H1N 3V5 (CA).

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

(72) LAPORTE, René; 1033 Nontour, Repentigny, Quebec J5Y 2V2 (CA). MIRANDETTE, Benoît; 100 René Goulet, Lachenaie, Quebec J6V 1L6 (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 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).

Published / Publiée : (c)

(51)⁷ A63F 9/08

(11) WO 2004/103497 (13) A1

(21) PCT/GR2004/000027

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 20030100227 21 May/mai 2003 GR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CUBIC LOGIC TOY

• JOUET LOGIQUE CUBIQUE

(71, 72) VERDES, Panayotis [GR/GR]; Next to Hotel Amalia, GR-211 00 New Tiryntha, Nafplio (GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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)⁶ A63F 9/22

(11) WO 2004/103498 (13) A1

(21) PCT/JP1997/000868

(22) 18 Mar/mar 1997 (18.03.1997)

(25) ja (26) ja

(30) 8/90638 19 Mar/mar 1996 JP (19.03.1996)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGINE SYNTHESIZING METHOD, GAME DEVICE AND INFORMATION STORAGE MEDIUM

• PROCEDE DE SYNTHESE D'IMAGE, DISPOSITIF DE JEU ET SUPPORT DE STOCKAGE D'INFORMATIONS

(71, 72) YOSHIZAWA, Hideo [JP/JP]; 1-7-6, Kamisueyoshi, Tsurumi-ku, Yokohama-shi, Kanagawa 230 (JP). KATAYAMA, Motomi [JP/JP]; 7-9-4, Hinominami, Kounan-ku, Yokohama-shi, Kanagawa 233 (JP).

(74) FUSE, Yukio et al. / etc.; 2nd Floor, Ogikubo TM Building, 26-13, Ogikubo 5-chome, Sug-inami-Ku, Tokyo 167 (JP).

(81) US.

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(51)⁷ A63F 9/24

(11) WO 2004/103499 (13) A1

(21) PCT/IB2004/001633

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311669.6 21 May/mai 2003 GB (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLAYER IDENTIFICATION

• IDENTIFICATION DE JOUEUR

(71) WATERLEAF LIMITED [GB/GB]; 1st Floor, 28 Victoria Street, Douglas, IM1 2LE Isle of Man (GB).

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(72, 75) MOSHAL, Martin [ZA/GB]; 69 Athol Street, Douglas, IM1 1JE Isle of Man (GB).

(74) BOWMAN GILFILLAN (JOHN & KERNICK); P O Box 3511, Halfway House, 1685 Midrand (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 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 A63F 9/24

(11) WO 2004/103500 (13) A1

(21) PCT/US2002/031424

(22) 2 Oct/oct 2002 (02.10.2002)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BONUS GAMING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE JEU DE BONIFICATION

(71) ATLANTIC CITY COIN & SLOT SERVICE COMPANY, INC. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US).

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(72, 75) SEELIG, C., Jerald [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). HENSHAW, M., Lawrence [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US).

(74) TONG, Rolando, J. et al. / etc.; Ian F. Burns & Associates, P.C., 1575 Delucchi Lane, Suite 222, Reno, NV 89502 (US).

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

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

(51)⁷ A63F 13/02, G06F 17/27

(11) WO 2004/103501 (13) A1

(21) PCT/US2004/010135

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/440,037 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEXT ENTRY WITHIN A VIDEO GAME

• SAISIE DE TEXTE DANS UN JEU VIDÉO

(71) ZI CORPORATION OF CANADA, INC. [US/CA]; 840 - 7 Avenue SW, Calgary, Alberta T2P 3G2 (CA).

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(72, 75) WILLIAMS, Roland, E. [CA/US]; 1104 Black Pine Lane, Pleasant Hill, CA 94545-2561 (US).

(74) IVEY, James, D.; Law Offices of James D. Ivey, 3025 Totterdell Street, Oakland, CA 94611-1742 (US).

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

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

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(51)⁷ A63F 13/12, H04M 11/10, 1/00

(11) WO 2004/103502 (13) A1

(21) PCT/JP2000/000888

(22) 17 Feb/fév 2000 (17.02.2000)

(25) ja (26) ja

(30) 11/38923 17 Feb/fév 1999 JP (17.02.1999)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GAME SYSTEM AND INFORMATION STORAGE MEDIUM

• SYSTEME DE JEU ET SUPPORT DE DONNEES

(71, 72) NAKAJIMA, Nobutaka [JP/JP]; Namco Ltd., 8-5, Tamagawa 2-chome, Ota-ku, Tokyo 146-0095 (JP).

(74) FUSE, Yukio et al. / etc.; 2nd Floor, Ogikubo Tm Building 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) US.

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(51)⁷ A63F 13/12

(11) WO 2004/103503 (13) A1

(21) PCT/US2004/013854

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/442,428 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VIDEO GAME METHOD AND SYSTEM WITH CONTENT-RELATED OPTIONS

• PROCEDE ET SYSTEME DE JEU VIDEO COMPRENANT DES OPTIONS CONCERNANT LE CONTENU

(71) SONY COMPUTER ENTERTAINMENT AMERICA INC. [US/US]; 919 E. Hillsdale Blvd., 2nd Floor, Foster City, CA 94404 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72) CHATANI, Masayuki; 919 East Hilldale Blvd., 2nd Floor, Foster City, CA 94404 (US).

(74) PENILLA, Albert, S.; Martine and 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 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 A63H

(11) WO 2004/103504 (13) A2

(21) PCT/US2004/015087

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,184 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LEVER AND WHEEL ACTIVATED TOY VEHICLES

• VEHICULE-JOUET ACTIONNE PAR UN LEVIER ET UNE ROUE

(71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245-5012 (US).

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

(72) AGOSTINI, Matthew, Felix; 4515 Spruce Street, Philadelphia, PA 19139 (US). FOSBENNER, Mary, Ellen, Gertrude; 702 Tenth Street, Riverton, NJ 08077 (US). HENRY, Robert, Jude; 438 Delaware Avenue, Riverside, NJ 08075 (US). SISOLAK, Gregory, John; 4802 Aberdeen Drive, Mt. Laurel, NJ 08054 (US). DOUGHERTY, William, Francis, Michael; 4200 Spruce Avenue, Oakford, PA 19053 (US).

(74) SIMMONS, John, D. et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

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

SY TJ 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 A63H 3/20, 3/33, 3/36, 3/40, 5/00, 13/04

(11) WO 2004/103505 (13) A1

(21) PCT/JP2004/006745

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-145179 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOLL TOY

• POUPEE

(71) TOMY COMPANY, LTD. [JP/JP]; 9-10, Tateishi 7-chome, Katsushika-ku, Tokyo, 1248511 (JP).

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(72, 75) YAMAZAKI, Junko [JP/JP]; c/o TOMY COMPANY, LTD., 9-10, Tateishi 7-chome, Katsushika-ku, Tokyo, 1248511 (JP).

(74) ARAFUNE, Hiroshi et al. / etc.; c/o KOYO INTERNATIONAL PATENT AND LAW FIRM, 5F., Nikko Kagurazaka Bldg., 18, Iwatocho, Shinjuku-ku, Tokyo, 1620832 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 A63H 17/25, 17/385, 17/21

(11) WO 2004/103506 (13) A1

(21) PCT/JP2003/006485

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RADIO-CONTROLLED TOY TWO-WHEELED VEHICLE

• VEHICULE-JOUET RADIOCOMMANDE A DEUX ROUES

(71) NIKKO CO., LTD. [JP/JP]; 15-15, Kameari 5-chome, Katsushika-ku, Tokyo 125-0061 (JP).

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

(72, 75) MUKAIDA, Kenji [JP/JP]; c/o Nikko Co., Ltd., 15-15, Kameari 5-chome, Katsushika-ku, Tokyo 125-0061 (JP).

(74) **HAMADA, Haruo**; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 107-0062 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 **A63H 33/40, A63B 69/18, A63H 13/04**

(11) **WO 2004/103507** (13) A1

(21) PCT/DE2004/001022

(22) **15 May/mai 2004 (15.05.2004)**

(25) de (26) de

(30) 103 22 791.1 **19 May/mai 2003 DE (19.05.2003)**

(30) 103 28 352.8 **24 Jun/juin 2003 DE (24.06.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANUALLY ACTUATED TOY AND/OR RECREATIONAL EQUIPMENT

• APPAREIL DE JEU ET / OU DE LOISIRS A ACTIONNEMENT MANUEL

(71, 72) **FISCHALECK, Moritz** [DE/DE]; Bendstrasse 14, 52066 Aachen (DE). **AT-ZORN, Daniel** [DE/DE]; Falckensteinstrasse 25, 1097 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 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 **A67K 7/00**

(11) **WO 2004/103508** (13) A2

(21) PCT/EP2004/004954

(22) **10 May/mai 2004 (10.05.2004)**

(25) de (26) de

(30) 103 23 840.9 **23 May/mai 2003 DE (23.05.2003)**

(30) 10 2004 002 356.5 **15 Jan/jan 2004 DE (15.01.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF PULVERULENT MIXTURES CONTAINING HYDROGEN PEROXIDE AND HYDROPHOBED SILICON DIOXIDE FOR THE CONTROLLED

RELEASE OF HYDROGEN PEROXIDE OR OXYGEN

• UTILISATION DE MELANGES PULVERULENTS CONTENANT DU PEROXYDE D'HYDROGENE ET DU DIOXYDE DE SILICIUM RENDU HYDROPHOBE POUR LA LIBERATION CONTROLEE DE PEROXYDE D'HYDROGENE OU D'OXYGENE

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

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(72, 75) **WALZER, Egon** [DE/DE]; Am Bornberg 9, 63477 Maintal (DE). **SCHMIDT, Corinna** [DE/DE]; Schöne Aussicht, 36396 Steinau (DE). **BRANDNER, Friedhelm** [DE/DE]; Seeweg 56b, 63906 Erlenbach (DE). **HASENZAHN, Steffen** [DE/DE]; Hochstädter Landstrasse 113, 63454 Hanau (DE). **SCHOLZ, Mario** [DE/DE]; Weinbergstrasse 35, 63584 Gründau (DE). **DEL GROSSO, Birgit** [DE/DE]; Waldstrasse 23, 63579 Freigericht (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 DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B01D**

(11) **WO 2004/103509** (13) A2

(21) PCT/GB2004/002129

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 0311471.7 **19 May/mai 2003 GB (19.05.2003)**

(30) 0314829.3 **25 May/mai 2003 GB (25.05.2003)**

(30) 103 42 871.2 **15 Sep/sep 2003 DE (15.09.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AIR DRYER CARTRIDGE

• CARTOUCHE DE DESSICCATEUR D'AIR

(71) **WABCO AUTOMOTIVE UK LIMITED** [GB/GB]; Beacon Works, Texas Street, Morley, Leeds LS27 0HQ (GB). **FILTERWERK MANN + HUMMEL GMBH** [DE/DE]; Hindenburgstrasse 45, 71638 Ludwigsburg (DE). (for all designated States except / pour tous les États désignés sauf US)

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(74) **GRAY, James 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 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 **B01D**

(11) **WO 2004/103510** (13) A2

(21) PCT/US2004/015151

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,287 **14 May/mai 2003 US (14.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS USING ELECTROSTATIC ATOMIZATION TO FORM LIQUID VESICLES

• PROCEDES ET APPAREIL UTILISANT L'ATOMISATION ELECTROSTATIQUE POUR FORMER DES VESICULES LIQUIDES

(71) **THE REGENTS OF THE UNIVERSITY OF COLORADO** [US/US]; 201 Regent Administrative Center, 3 SYS, Boulder, CO 80309 (US).

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(72, 75) **ANCHORDOQUY, Thomas, J.** [US/US]; 9210 W. 11th Avenue, Lakewood, CO 80215 (US). **LENGSFELD, Corinne** [CA/US]; 3490 S. Cherry Street, Denver, CO 80222 (US). **BRINKLEY, Kelly** [US/US]; 19920 Top 'O Moor Drive West, Monument, CO 80132 (US). **JONES, Ryan** [US/US]; 490 Wintery Circle South, Colorado Springs, CO 80919 (US).

(74) **JONAS, Tamala, R. et al.** / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B01D

(11) WO 2004/103511 (13) A2

(21) PCT/US2004/015156

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,280 14 May/mai 2003 US (14.05.2003)

(30) 10/846,828 13 May/mai 2004 US (13.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUBMERGED AMMONIA REMOVAL SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ELIMINATION D'AMMONIAC IMMERGE

(71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108 (US).
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(72, 75) JOHNSON, Kraig [US/US]; 1155 West State Street, Lehi, UT 84843 (US). REAVELEY, Lawrence, D. [US/US]; 1702 East Cannes Way, Salt Lake City, UT 84121 (US). CHOI, Youngik [KR/US]; 1160 East 2700 South, Apt. Q-136, Salt Lake City, UT 84106 (US).

(74) MCKINNEY, David, R. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B01D

(11) WO 2004/103512 (13) A2

(21) PCT/US2004/015314

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,270 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR ELECTROKINETIC, PREPARATIVE SAMPLE SEPARATION IN HIGH-SURFACE-AREA SEPARATION CHANNELS WITH NON-CONVEX CROSS SECTIONS

• PROCEDE ET SYSTEME PERMETTANT UNE SEPARATION D'ECHANTILLONS PREPARATIVE ELECTROKINETIQUE, DANS DES CANAUX DE SEPARATION A AIRE DE SURFACE ELEVEE DOTES DE SECTIONS TRANSVERSALES NON CONVEXES

(71) UNIVERSITY OF WASHINGTON [US/US]; 4311-11th Ave. NE, Suite 500, Seattle, WA 98105-4608 (US).

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(72) CHIU, Daniel, T.; Seattle, WA (US). KUO, Jason, S.; Seattle, WA (US). LIM, David, S., W.; Seattle, WA (US).

(74) BERGSTROM, Robert, W.; Olympic Patent Works PLLC, P.O. Box 4277, Seattle, WA 98194-0277 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B01D 5/00

(11) WO 2004/103513 (13) A1

(21) PCT/ES2004/000095

(22) 1 Mar/mar 2004 (01.03.2004)

(25) es (26) es

(30) P200301196 22 May/mai 2003 ES (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE IN SITU DISTILLATION OF VOLATILE ORGANIC COMPOUNDS (VOC) BY MEANS OF WATER VAPOUR INJECTION AND HOT NITROGEN STRIPPING, COMPRISING TREATMENT OF THE EMISSION GASES BY CONDENSATION AND CRYOCONDENSATION

• PROCEDE DE DISTILLATION SUR PLACE DE COMPOSES ORGANIQUES VOLATILS (COV) AU MOYEN DE L'INJECTION DE VAPEUR D'EAU ET EPUISEMENT AVEC AZOTE CHAUD AU MOYEN DU TRAITEMENT DES GAZ D'EMISSION PAR CONDENSATION ET CRYOCONDENSATION

(71, 72) FONTECHA CUETOS, Evaristo [ES/ES]; C/Julian Romea, 8-10, sobreático 2ª, E-08006 Barcelona (ES).

(74) CAÑADELL ISERN, Roberto; Travesera de Gracia, 30 - 1ª C, E-08021 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).

(51)⁷ B01D 11/02, 11/00, C11B 9/02

(11) WO 2004/103514 (13) A1

(21) PCT/EP2004/050870

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03 06201 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR SEPARATING OUT AT LEAST ONE ORGANIC COMPOUND

• PROCEDE DE SEPARATION D'AU MOINS UN COMPOSE ORGANIQUE

(71) SOLVAY (Société Anonyme) [BE/BE]; Rue du Prince Albert, 33, B-1050 BRUSSELS (BE).
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(72, 75) DOURNEL, Pierre [BE/BE]; Rue du Cornet, 199, B-1040 BRUSSELS (BE). SURBLED, Michel [FR/FR]; 1, impasse de l'Ecole Dilliec, 56250 Saint Nolff (FR). MOMPON, Bernard [FR/FR]; 10, allée Diderot, F-56000 Vannes (FR).

(74) JACQUES, Philippe et al. / etc.; SOLVAY (Société Anonyme), Intellectual Property Department, 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 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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Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US; (ti) for the following designation / pour la désignation suivante : US; (i) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ B01D 11/02, B09B 3/00, B27K 5/00

(11) WO 2004/103515 (13) A1

(21) PCT/JP2004/000846

(22) 29 Jan/jan 2004 (29.01.2004)

(25) ja (26) ja

(30) 2003-141961 **20 May/mai 2003 JP**
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CLARIFICATION OF WOOD HAVING BEEN TREATED WITH CHEMICAL CONTAINING COPPER, CHROMIUM OR ARSENIC

• PROCEDE SERVANT A CLARIFIER DU BOIS TRAITE AU MOYEN DE PRODUITS CHIMIQUES CONTENANT CUIVRE, CHROME OU ARSENIC

(71) KANSAI TECHNOLOGY LICENSING ORGANIZATION CO., LTD [JP/JP]; 93, Chudoji Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto 6008815 (JP).

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(72, 75) KAKITANI, Tomo [JP/JP]; c/o Division of Wood Material Science of Wood, Research Institute, Kyoto University, Gokasho, Uji-shi, Kyoto 6110011 (JP). HATA, Toshimitsu [JP/JP]; c/o Division of Wood Material Science of Wood, Research Institute, Kyoto University, Gokasho, Uji-shi, Kyoto 6110011 (JP). IMAMURA, Yuji [JP/JP]; c/o Division of Wood Material Science of Wood, Research Institute, Kyoto University, Gokasho, Uji-shi, Kyoto 6110011 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitaham 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (n)

Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)⁷ B01D 15/00, C08G 73/00, C07B 63/00

(11) WO 2004/103516 (13) A1

(21) PCT/FR2004/001037

(22) 29 Apr/avr 2004 (29.04.2004)

(25) fr (26) fr

(30) 03/06102 **21 May/mai 2003 FR**
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CROSS-LINKED POLYIMINE AND USE THEREOF FOR THE IMMOBILIZATION OF ACIDIC OR ELECTROPHILIC COMPOUNDS PRESENT IN A SOLUTION

• POLYIMINE RETICULEE ET SON UTILISATION POUR IMMOBILISER DES COMPOSES ACIDES OU ELECTROPHILES PRESENTS DANS UNE SOLUTION

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR).

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(72, 75) STIEN, Didier [FR/FR]; 17, rue des Chênes, Le Parc des Garrigues, F-34380 Saint-Martin de Londres (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 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 B01D 15/08, G01N 30/60

(11) WO 2004/103517 (13) A1

(21) PCT/EP2004/005524

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311854.4 **23 May/mai 2003 GB**
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHROMATOGRAPHY COLUMN WITH MOVABLE ADAPTER

• COLONNE DE CHROMATOGRAPHIE EQUIPEE D'UN ADAPTEUR MOBILE

(71) AMERSHAM BIOSCIENCES AB [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).

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(72, 75) PICHL, Ulf [SE/SE]; Amersham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (SE).

(74) FRANKS, Barry; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (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 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 B01D 15/08, G01N 30/60

(11) WO 2004/103518 (13) A1

(21) PCT/US2004/015063

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,307 **14 May/mai 2003 US**
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROTEIN SEPARATION COLUMN

• COLONNE DE SEPARATION DE PROTEINE

(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).

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(72, 75) LIBERT, Sharon, Ann [US/US]; 605 Oriole Place, Hockessin, Delaware 19707 (US). LUSVARDI, Victor, Sisto [US/US]; 3 Cardinal Lane, Chadds Ford, Pennsylvania 19317 (US). NORTON, Timothy, Tucker [US/US]; 8 Sullivan Chase Drive, Avondale, Pennsylvania 19311 (US).

(74) TOCKER, Edwin; 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 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).

Published / Publiée : (c)

(51)⁷ B01D 15/08, C07K 1/18, G01N 30/60

(11) WO 2004/103519 (13) A2

(21) PCT/US2004/015216

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,889 **16 May/mai 2003 US**
(16.05.2003)

(30) 60/498,287 **28 Aug/août 2003 US**
(28.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXTERNAL GRADIENT CHROMATOFOCUSING

• CHROMATOFOCALISATION A GRADIENT EXTERNE

(71) DNAVAX, INC. [US/US]; c/o Biomedical Research Institute, 12111 Parklawn Drive, Rockville, MD 20852 (US).

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(72, 75) TSONEV, Latchezar, I. [BG/US]; 17128 King James Way, Gaithersburg, MD 20877 (US).

(74) **LOWEN, Gregory, T. et al. / etc.;** Morgan, Lewis & Bockius LLP, 1111 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 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 B01D 21/00, 17/02

(11) WO 2004/103520 (13) A2

(21) PCT/FR2004/001269

(22) 21 May/mai 2004 (21.05.2004)

(25) fr (26) fr

(30) 03/06081 21 May/mai 2003 FR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SETTLING TANK FOR TREATMENT OF WASTE EFFLUENTS
• DECANTEUR DESTINE AU TRAITEMENT DES EFFLUENTS USES

(71) **ERGALIA [FR/FR];** 3, rue Edgar Faure, f-75015 Paris (FR).
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(72, 75) **PHILIP, Hervé [FR/FR];** 297, avenue des Clavoux, F-34660 Courmonsec (FR).
MAUNOIR, Siegfried [FR/FR]; 5, rue du Quai, F-34560 Montbazin (FR).

(74) **BOUJU DERAMBURE BUGNION;** 18, quai du Point du Jour, F-92659 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01D 21/08, 21/30, C02F 1/52, 1/56

(11) WO 2004/103521 (13) A1

(21) PCT/JP2004/006954

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144891 22 May/mai 2003 JP (22.05.2003)

(30) 2003-157786 3 Jun/juin 2003 JP (03.06.2003)

(30) 2003-198447 17 Jul/juil 2003 JP (17.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLOCCULAING SETTLING DEVICE
• DISPOSITIF DE STABILISATION DE FLOCCULATION

(71) **EBARA CORPORATION [JP/JP];** 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).
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(72, 75) **KOSANDA, Sakae [JP/JP];** c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).
HATA, Ryosuke [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).
HINUMA, Hirotooshi [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).
SUZUKI, Ken [JP/JP]; c/o BUREAU OF SEWERAGE TOKYO METROPOLITAN GOVERNMENT, 8-1 Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 1600023 (JP).
FUJIHASHI, Tomoichi [JP/JP]; c/o BUREAU OF SEWERAGE TOKYO METROPOLITAN GOVERNMENT, 8-1 Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 1600023 (JP).

(74) **ITO, Shigeru;** 3F. Akasaka BT bldg., 4-8, Akasaka 1-chome, 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 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 B01D 29/62, 35/12

(11) WO 2004/103522 (13) A1

(21) PCT/EP2004/005112

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 268.0 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR CLEANING MELT FILTRATION SYSTEMS
• PROCEDE ET DISPOSITIF DE NETTOYAGE DE FILTRES DE MASSES FONDUES

(71) **SAURER GMBH & CO. KG [DE/DE];** Landgrafenstrasse 45, 41069 Mönchengladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALEXANDER, Jörg [DE/DE];** Tenter Weg 43, 42897 Remscheid (DE).

(74) **KAHLHÖFER, Hermann;** 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 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 B01D 33/04

(11) WO 2004/103523 (13) A1

(21) PCT/EP2004/005238

(22) 15 May/mai 2004 (15.05.2004)

(25) de (26) de

(30) 103 23 323.7 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCREEN BELT PRESS
• PRESSE A BANDES FILTRANTES

(71) **KLEIN ABWASSER- UND SCHLAMMTECHNIK GMBH [DE/DE];** Koblenz-Olper-Str. 10a, 57548 Kirchen (DE).
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(72, 75) **TOMALLA, Manfred [DE/DE];** Heesstrasse 35, 57223 Kreuztal (DE).
SCHNEIDER, Henning [DE/DE]; Gerberstrasse 11, 57258 Freudenberg (DE).

(74) **SCHNEIDERS & BEHRENDT;** Postfach 10 23 65, 44723 Bochum (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 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 B01D 33/37, 35/12

(11) WO 2004/103524 (13) A1

(21) PCT/SE2004/000575

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0301517-9 23 May/mai 2003 SE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND ARRANGEMENT FOR CONTINUOUS FILTERING OF PARTICLES OUT OF A LIQUID

• PROCEDE ET DISPOSITIF DE FILTRAGE CONTINU DES PARTICULES D'UN LIQUIDE

(71, 72) LEE, Hyosong M. [SE/SE]; Malmvågen 20, TUMBA, 147 32 (SE).

(74) ALBIHNS STOCKHOLM AB; P.O. Box 5581, Linnégatan 2, STOCKHOLM, 114 85 (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 35/06, B03C 1/28, B01D 29/15

(11) WO 2004/103525 (13) A1

(21) PCT/EP2004/003904

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 23 075.0 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FILTER ELEMENT

• ELEMENT DE FILTRE

(71) HYDAC PROCESS TECHNOLOGY GMBH [DE/DE]; Industriegebiet Grube König, Im Wrangelflöz 1, 66538 Neunkirchen/Saar (DE).

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(72, 75) WNUK, Ralf [DE/DE]; Hochwiesmühlstrasse 117, 66450 Bexbach (DE). LAHBIB, Seddik [FR/FR]; 11, rue de la paix, F-57600 Forbach (FR). OLSCHOK, Markus [DE/DE]; Hyazinthenweg 2, 66540 Neunkirchen (DE).

(74) BARTELS UND PARTNER, PATENTWÄLTE; 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 PL PT 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 39/00

(11) WO 2004/103526 (13) A2

(21) PCT/US2003/041108

(22) 23 Dec/déc 2003 (23.12.2003)

(25) en (26) en

(30) 60/469,278 9 May/mai 2003 US (09.05.2003)

(30) 60/486,402 11 Jul/juil 2003 US (11.07.2003)

(30) 60/499,538 2 Sep/sep 2003 US (02.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED FINE PORE MEDIA AND METHOD OF MAKING SAME

• MEDIAS A PORES FINS AMELIORES ET PROCEDE DE FABRICATION

(71) PORVAIR, PLC [GB/GB]; Riverside Industrial Estate, Estuary Road, King's Lynn, Norfolk PE30 2HS (GB).

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

(72, 75) OLSON, Rudolph, A., III [US/US]; 27 Country Road, Hendersonville, NC 28791 (US). STEPPE, Patricia, K. [US/US]; 1080 North Ridge Road, Hendersonville, NC 28792 (US).

(74) HARDAWAY, John, B., III et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).

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

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 FR GB GR HU IE IT LU GM HR HU ID IL IN IS JP 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) (u) for / pour US only / seulement

(51)⁷ B01D 46/02

(11) WO 2004/103527 (13) A1

(21) PCT/KR2004/001220

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10-2003-0032395 21 May/mai 2003 KR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROTARY PULSE TYPE FILTER DUST COLLECTOR

• COLLECTEUR DE POUSSIERE A FILTRE ROTATIF A IMPULSIONS

(71, 72) LEE, Chang Un [KR/KR]; 116-201 Hwakok Daewoo Grand World Apartment, 1091 Hwakok-dong, Kangseo-ku, Seoul 157-013 (KR).

(74) KIM, Kook Nam; 2nd Fl. Shindo BD 823-10., 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 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).

Published / Publiée : (c)

(51)⁷ B01D 53/94, F02D 41/02, F01N 11/00

(11) WO 2004/103528 (13) A1

(21) PCT/EP2004/005360

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 103 23 247.8 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF OPERATING A SYSTEM COMPRISING A DIESEL ENGINE AND A CATALYST FOR EXHAUST GAS PURIFICATION

• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME COMPRENANT UN MOTEUR DIESEL ET UN CATALYSEUR DESTINE A LA PURIFICATION DES GAZ D'ECHAPPEMENT

(71) UMICORE AG & CO. KG [DE/DE]; Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang (DE).

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

(72, 75) GIESHOFF, Jürgen [DE/DE]; Am Burgwerksrain 10, 63599 Biebergmünd (DE). VOTSMEIER, Martin [DE/DE]; Fechenheimer Weg 75, 63477 Maintal (DE). MALMBERG, Stephan [DE/DE]; Wolfgangstrasse 26, 63517 Rodenbach (DE). LOX, Egbert [BE/DE]; Am Lärchentor 8, 36355 Hochwaldhausen (DE). KREUZER, Thomas [DE/DE]; Philipp-Reis-Strasse 13, 61184 Karben (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81765 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 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 B01D 53/94, F01N 3/20

(11) WO 2004/103529 (13) A1

(21) PCT/IB2004/050469

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 203 08 348.2 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR CLEARING A SUPPLY
PIPE OF A REDUCING AGENT THAT
HAS PREVIOUSLY GONE FROM A
FIRST PHASE TO A SECOND PHASE
THEN BACK TO THE FIRST PHASE

• DISPOSITIF POUR ELIMINER DANS
UNE CONDUITE D'AMENEE UN
AGENT DE REDUCTION PASSE
PREALABLEMENT D'UNE PREMIERE
PHASE A UNE DEUXIEME PHASE ET
REPASSE A SA PREMIERE PHASE

(71) HJS FAHRZEUGTECHNIK GMBH &
CO KG [DE/DE]; Dieselsweg 12, 58706
Menden (DE).

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

(72, 75) HAVERS, Martin [DE/DE]; Ste-
fanstrasse 11, 58638 Iserlohn (DE).

(74) HAVERKAMP, Jens et al. / etc.; Im Tück-
winkel 22, 58636 Iserlohn (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 :

(i) for all designations / pour toutes les
désignations

(51)⁷ B01D 61/14, 61/16, C07K 1/34, 1/36,
G01N 1/34

(11) WO 2004/103530 (13) A1

(21) PCT/US2003/015790

(22) 19 May/mai 2003 (19.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PREFILTRATION OF A
PROTEIN SOLUTION

• PROCEDE POUR PREFILTRE UNE
SOLUTION PROTEIQUE

(71) MILLIPORE CORPORATION [US/US];
John Dana Hubbard, 290 Concord Road, Bil-
lerica, MA 01821 (US).

(72) SIWAK, Marty; 16 Canterbury Hill Rd.,
Topsfield, MA 01983 (US). AN, Hong;
5 Reeve Street, Acton, MA 01720 (US).
CORMIER, Jason, R.; 44 Marianne Road,
Waltham, MA 02452 (US). KINZLMAIER,
Dana; 86 Concord Street, Acton, MA 01854
(US).

(74) MILLIPORE CORPORATION; John
Dana Hubbard, 290 Concord Road, Billerica,
MA 01821 (US).

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

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

(51)⁷ B01D 61/36, 63/06

(11) WO 2004/103531 (13) A1

(21) PCT/EP2004/005405

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 440.3 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEMBRANE PIPE MODULE

• MODULE TUBULAIRE A MEMBRANE

(71) SULZER CHEMTECH-MEMBRAN
TECHNIK- [DE/DE]; Friedrichsthaler
Strasse 19, 66540 Neumkirchen (DE).

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

(72, 75) BRÜSCHKE, Hartmut [DE/DE];
Kurfürststrasse 64, 69226 Nussloch (DE).
WYNN, Patrick, Nicholas [FR/FR]; 3,
rue d'Or, F-57200 Sarreguemines (FR).
MARGGRAFF, Frank-Klaus [DE/DE];
Ehrlichstrasse 10, 66424 Homburg (DE).

(74) BUBLAK, Wolfgang; Bardehle Pagenberg
Dost Altenburg Geissler, Galileiplatz 1,
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 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).

Published / Publiée : (c)

(51)⁷ B01D 63/02, B29C 70/76

(11) WO 2004/103532 (13) A1

(21) PCT/NL2004/000358

(22) 19 May/mai 2004 (19.05.2004)

(25) nl (26) en

(30) 1023510 23 May/mai 2003 NL
(23.05.2003)

(30) 1024092 12 Aug/août 2003 NL
(12.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MAKING A MEM-
BRANE MODULE AS WELL AS MEM-
BRANE MODULE

• PROCEDE DE FABRICATION D'UN
MODULE DE MEMBRANES ET CE-
LUI-CI

(71) CEPARATION B.V. [NL/NL]; Steenoven-
weg 5, NL-5708 HN Helmond (NL).

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les États désignés sauf US)

(72, 75) VAN ELJK, Joost, Petrus, Gerardus,
Maria [NL/NL]; Berkel Enschoot (NL).
TERPSTRA, Rinse, Alle [NL/NL]; Schaar-
land 11, NL-5663 JR Geldrop (NL). VAN
ZUYLEN, Arnoldus, Wilhelmus, Maria
[NL/NL]; Heeswijk-Dinter (NL).

(74) VERHEES, Godefridus, Josephus, Maria;
Brabants Octrooibureau, De Pinckart 54,
NL-5674 CC Nuenen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B01D 63/08, 65/10

(11) WO 2004/103533 (13) A1

(21) PCT/FR2004/001246

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06105 21 May/mai 2003 FR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR THE SEPARATION OF A
FLUID INTO AT LEAST TWO FRAC-
TIONS, USING A PLURALITY OF
MEMBRANE FILTERS, AND USE
THEREOF

• DISPOSITIF DE SEPARATION PAR
UNE PLURALITE DE MEMBRANES

DE FILTRATION D'UN FLUIDE EN AU
MOINS DEUX FRACTIONS ET SON
UTILISATION

(71) **ORELIS** [FR/FR]; 5, chemin du Pilon, Saint Maurice de Beynost, F-01703 Miribel (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE BIRAN, Olivier** [FR/FR]; 1, allée des blés d'Or, F-69250 Fleurieu Sur Saone (FR). **WALLART, Alain** [FR/FR]; 4bis, chemin sur la Ville, F-42800 Saint-Martin La Plaine (FR). **CASTELAS, Bernard** [FR/US]; 33 Harrison Drive, Larchmont, NY 10538 (US). **FISHINGER, Michael** [US/US]; 423 West Inman Avenue, Rahway, NJ 07065 (US).

(74) **BOUGET, Lucien 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 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).

Published / Publiée : (c)

(51)⁷ B01D 63/08, 65/00, B29C 65/02

(11) WO 2004/103534 (13) A1

(21) PCT/US2004/008726

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/470,761 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FILTRATION MODULE
• MODULE DE FILTRATION

(71) **MILLIPORE CORPORATION** [US/US]; John Dana Hubbard, 290 Concord Road, Billerica, MA 01821 (US).

(72) **CHISHOLM, Mark**; 9 Aerial Street, Arlington, MA 02474 (US). **BARTLETT, Andrew**; 28 Daniels Street, Lowell, MA 01852 (US). **GAGNE, George**; 685 Hildreth Street, Dracut, MA 01826 (US). **JACKSON, Robert**; 16 Emerson Lane, Rindge, NH 03461 (US).

(74) **MILLIPORE CORPORATION**; John Dana Hubbard, 290 Concord Road, Billerica, MA 01821 (US).

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

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

(51)⁷ B01D 69/10, 63/08, C02F 3/10

(11) WO 2004/103535 (13) A1

(21) PCT/US2004/010787

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/438,090 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITE FLUID SEPARATION MEMBRANE MODULE
• MODULE DE MEMBRANE DE SEPARATION DE FLUIDE COMPOSITE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HESTER, Jonathan F.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SPIEWAK, Brian E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **RADOVANOVIC, Philip D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **REIMANN, Stefan R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **KODY, Robert S.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **LITTLE, Douglas B.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B01D 69/10, B32B 27/12, 3/30, C02F 3/12, 3/10, 3/20

(11) WO 2004/103536 (13) A1

(21) PCT/US2004/007607

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/437,799 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEMBRANE MODULE ELEMENTS
• ELEMENTS DE MODULE DE MEMBRANE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HESTER, Jonathan, F.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SPIEWAK, Brian, E.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **MROZINSKI, James, S.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **NELSON, James, M.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **LITTLE, Douglas, B.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B01D 71/02, C23C 4/08, B01D 53/22

(11) WO 2004/103537 (13) A1

(21) PCT/EP2004/004995

(22) 10 May/mai 2004 (10.05.2004)

(25) de (26) de

(30) 103 22 715.6 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITE MEMBRANE
• MEMBRANE COMPOSITE

(71) **LINDE AKTIENGESSELLSCHAFT** [DE/DE]; Abraham-Lincoln-Strasse 21, 65189 Wiesbaden (DE). **DECHEMA**

- E.V. [DE/DE]; Karl-Winnacker-Institut, Theodor-Heuss-Allee 25, 60486 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DITTMAYER, Roland** [DE/DE]; Amselweg 1, 61440 Oberursel (DE). **HOCK, Martin** [DE/DE]; Grimmeisenstrasse 15, 81927 München (DE). **HUANG, Yan** [DE/DE]; Dürkheimer Strasse 43, 65934 Frankfurt am Main (DE). **HÄRING, Wolfgang** [DE/DE]; Lommelstrasse 6, 81479 München (DE). **HÖLLEIN, Volker** [DE/DE]; Steuernagelstrasse 30, 60326 Frankfurt am Main (DE). **KLAPPER, Klaus** [DE/DE]; Forststrasse 15, 82049 Pullach (DE).
- (74) **LINDE AKTIENGESELLSCHAFT**; Zentrale Patentabteilung, 82049 Höllriegelskreuth (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 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 **B01F**
- (11) **WO 2004/103538** (13) A2
- (21) PCT/US2004/015401
- (22) **17 May/mai 2004 (17.05.2004)**
- (25) en (26) en
- (30) 60/471,439 **16 May/mai 2003 US (16.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **IMPROVED BLENDER BLADE**
• **LAME DE MELANGEUR AMELIOREE**
- (71) **VITA-MIX CORPORATION** [US/US]; 8615 Usher Road, Cleveland, OH 44138-2103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOLAR, David, J.** [US/US]; 4148 Bridewater Pkwy. #202, Stow, OH 44224 (US). **BOOZER, Richard, D.** [US/US]; 5551 State Rt. 303, Wakeman, OH 44889 (US). **ANTON, Michael, D.** [US/US]; 7698 Stearns Road, Olmstead Township, OH 44138 (US).
- (74) **GREIVE, Edward, G.** et al. / etc.; First National Tower, Fourth Floor, Akron, OH 44308-1456 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B01F 3/00**

(11) **WO 2004/103539** (13) A2

(21) PCT/US2004/014736

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 10/440,056 **16 May/mai 2003 US (16.05.2003)**

(30) 60/548,152 **25 Feb/fév 2004 US (25.02.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PROCESS FOR FORMING AN EMULSION USING MICROCHANNEL PROCESS TECHNOLOGY**

• **PROCEDE POUR FORMER UNE EMULSION PAR LA TECHNIQUE DE TRAITEMENT EN MICROCANAL**

(71) **VELOCYS INC.** [US/US]; 7950 Corporate Boulevard, Plain City, Ohio 43064 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QIU, Dongming** [US/US]; 7641 Finbarr Ct., Dublin, Ohio 43017 (US). **TONKOVICH, Anna, Lee** [US/US]; 11875 Rausch Road, Marysville, Ohio 43040 (US). **SILVA, Laura, J.** [US/US]; 5583 Dumfries Court West, Dublin, Ohio 43017 (US). **LONG, Richard, Q.** [CN/US]; 5440 Riverport Drive, Columbus, Ohio 43221 (US). **YANG, Barry, L.** [US/US]; 6119 Craughwell Lane, Dublin, Ohio 43017 (US). **TREKAMP, Kristina, Marie** [US/US]; 3952 Cedric Lane, Dublin, Ohio 43016 (US).

(74) **DUCHEZ, Neil, A.; Renner, Otto, Boisselle & Sklar, LLP**, 1621 Euclid Avenue, 19th Floor, Cleveland, Ohio 44115-2191 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B01F 9/06, 9/00**

(11) **WO 2004/103540** (13) A1

(21) PCT/EP2004/004117

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 0311698.5 **21 May/mai 2003 GB (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **IMPROVEMENTS RELATING TO MIXERS**

• **AMELIORATIONS APPORTEES AUX MELANGEURS**

(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) **BALLUS, Roland** [GB/GB]; Lever Faberge Limited, PO Box 69, Port Sunlight, Wirral Merseyside CH62 4ZD (GB).

KAESS, Andre [DE/DE]; Langnese Iglo GmbH, Mazartstrasse 82, D-64646 Heppenheim (DE).

(74) **ELLIOTT, Peter, William et al.** / etc.; Unilever Intellectual Property Group, Colworth House, Sharnbrook, Bedford, 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 **B01F 13/00, 15/02, B05C 17/01, B01F 7/18, 13/06, 15/00 // A61F 2/46**

(11) **WO 2004/103541** (13) A1

(21) PCT/US2004/000944

(22) **15 Jan/jan 2004 (15.01.2004)**

(25) en (26) en

(30) 10/438,471 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **APPARATUS FOR MIXING AND DISPENSING COMPONENTS**

• **APPAREIL SERVANT A MELANGER ET DISTRIBUER DES COMPOSANTS**

(71) **ADVANCED BIOMATERIAL SYSTEMS, INC.** [US/US]; 100 Passaic Avenue, Chatham, NJ-07928 (US).

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

(72, 75) **BARKER, Donald** [US/—]; 8 Mountain Laurel Lane, Sandy Hook, CT 06842 (US). **BOGERT, Roy B.** [US/—]; 19 Frances

Road, Lincoln Park, NJ 07035 (US). **CARR, John P.** [US/—]; 551, Dale Court East, River Vale, NJ 07675 (US). **NELSON, James P.** [US/—]; 19 Davenport Place, Morristown, NJ 07960 (US). **TREBING, Linda M.** [US/—]; 1 Broadview Avenue, Madison, NJ 07940 (US). **BIANCHI, Damiam** [US/—]; 252R Guilford Road, Durham, CT 06422 (US).

(74) **BOOKS, Glen, E.**; Lowenstein Sandler PC, 65 Livingston Avenue, Roseland, NJ 07068 (US).

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

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

(51)⁷ B01F 17/00, C11D 17/00, 3/37

(11) WO 2004/103542 (13) A1

(21) PCT/EP2004/005518

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 178.1 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MIXTURE, COMPRISING A SURFACTANT AND A COSURFACTANT
• MELANGE COMPRENANT UN TENSIO-ACTIF ET UN CO-TENSIO-ACTIF

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOCK-KNOBLAUCH, Cordula** [DE/DE]; Faberstr. 37, 67063 Ludwigshafen (DE). **WAGNER, Norbert** [DE/DE]; Frankenstr. 6, 67112 Mutterstadt (DE). **OETTER, Günter** [DE/DE]; Hans-von-Marees-Str. 21, 67227 Frankenthal (DE). **VÖLKEL, Ludwig** [DE/DE]; Mainstr. 2, 67117 Limburgerhof (DE). **STEINMETZ, Bernhard** [DE/DE]; Mühlweg 54, 67117 Limburgerhof (DE). **DYLLICK-BRENNINGER, Rainer** [DE/DE]; Carl-Gördeler-Str. 16, 67346 Speyer (DE). **SCHRÖDER, Jörg** [DE/DE]; Ammenpfad 11, 69469 Weinheim (DE). **PETROVIC, Susanne** [DE/DE]; BGM Jäger Str. 1/6, 69214 Eppelheim (DE).

(74) **HÖRSCHLER, Wolfram, J.**; Isenbruck 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 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).

Published / Publiée : (c)

(51)⁷ B01F 17/42

(11) WO 2004/103543 (13) A2

(21) PCT/FR2004/001197

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 0306094 21 May/mai 2003 FR (21.05.2003)

(30) 0405084 11 May/mai 2004 FR (11.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ISOCYANATE-BASED COMPOSITIONS, USE METHOD THEREOF, USE OF SAME IN THE PRODUCTION OF DIRECT-ADHESION COATINGS, AND COATINGS THUS OBTAINED

• COMPOSITIONS A BASE D'ISOCYANATE, LEUR PROCEDE D'UTILISATION, LEUR UTILISATION POUR REALISER DES REVÊTEMENTS A ADHERENCE DIRECTE ET REVÊTEMENTS AINSI OBTENUS

(71) **RHODIA CHIMIE** [FR/FR]; 25 quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

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

(72, 75) **BERNARD, Jean-Marie**, [FR/FR]; Lieu dit Les Mures, 320 route du Large, F-69440 SAINT-LAURENT D'AGNY (FR). **BARBEAU, Philippe** [FR/FR]; 82b rue d'Ypres, F-69004 LYON (FR).

(74) **RICALENS, François et al.** / etc.; RHODIA SERVICES, Direction de la Propriété Industrielle, 40 rue de la Haie-Coq, F-93306 Aubervilliers Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B01J

(11) WO 2004/103544 (13) A2

(21) PCT/DE2004/001041

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 337.7 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE PRODUCTION OF MINERAL FIBRE MATS, PLATES OR SIMILAR OBJECTS AND MINERAL FIBRE ABSORBER

• PROCEDE PERMETTANT DE PRODUIRE DES MATELAS DE FIBRES MINERALES, PANNEAUX DE FIBRES MINERALES OU OBJETS ANALOGUES, ET ADSORBANTS EN FIBRES MINERALES

(71, 72) **SCHIWEEK, Helmut** [DE/DE]; Am Waldessaum 3, 47057 Duisburg (DE).

(74) **SCHULTE, Jörg**; Hauptstrasse 2, 45219 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 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).

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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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)

(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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B01J

(11) WO 2004/103545 (13) A2

(21) PCT/US2004/014334

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/469,615 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REGENERANT REUSE

- RECYCLAGE D'AGENT REGENERANT
- (71) **AMALGAMATED RESEARCH, INC.** [US/US]; 2531 Orchard Drive E., Twin Falls, ID 83301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JACOB, William, A., IV** [US/US]; 285A South 400 West, Jerome, ID 83338 (US). **VELASQUEZ, Lawrence** [US/US]; 828 Rose Street North, Twin Falls, ID 83301 (US).
- (74) **BOND, Laurence, B. et al.** / etc.; TraskBritt, P.O. Box 2550, Salt Lake City, UT 84110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B01J 13/00**
- (11) **WO 2004/103546** (13) A2
- (21) PCT/FR2004/001223
- (22) **18 May/mai 2004 (18.05.2004)**
- (25) fr (26) fr
- (30) 03/06046 **20 May/mai 2003 FR (20.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RARE EARTH PEROVSKITE COLLOIDAL DISPERSION AND METHOD FOR THE PRODUCTION THEREOF
- DISPERSION COLLOIDALE D'UNE PEROVSKITE DE TERRE RARE ET SON PROCEDE DE PREPARATION
- (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) **CHANE-CHING, Jean-Yves** [FR/FR]; 15, rue Suzanne, F-95600 Eaubonne (FR). **HARVEY, Howard** [FR/FR]; 74, rue Albert Dhallene, F-93400 Saint-Ouen (FR).
- (74) **DUBRUC, Philippe**; Rhodia Services, 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 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).
- Published / Publiée : (c)
-
- (51)⁷ **B01J 19/00**
- (11) **WO 2004/103548** (13) A1
- (21) PCT/JP2004/007202
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) ja (26) ja
- (30) 2003-145992 **23 May/mai 2003 JP (23.05.2003)**
- (30) 2003-177551 **23 Jun/juin 2003 JP (23.06.2003)**
- (30) 2003-185119 **27 Jun/juin 2003 JP (27.06.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/00, B01L 9/00**

(11) **WO 2004/103547** (13) A1

(21) PCT/EP2004/005576

(22) **24 May/mai 2004 (24.05.2004)**

(25) de (26) de

(30) 103 23 197.8 **22 May/mai 2003 DE (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR HOLDING AND DETECTING SUBSTANCE LIBRARIES

• DISPOSITIF DE MAINTIEN ET DE DETECTION DE BIBLIOTHEQUES DE SUBSTANCES

(71) **CLONDIAG CHIP TECHNOLOGIES GMBH** [DE/DE]; Löbstedter Strasse 103-105, 07749 Jena (DE).

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

(72, 75) **ULLRICH, Thomas** [DE/DE]; Melanchthonstrasse 14, 07743 Jena (DE). **SCHULZ, Torsten** [DE/DE]; August-Bebel-Strasse 22, 07743 Jena (DE). **ELLINGER, Thomas** [DE/DE]; Steubenstrasse 6, 07743 Jena (DE). **POSER, Siegfried** [DE/DE]; Am Steinborn 2a, 07749 Jena (DE). **ERMANTRAUT, Eugen** [DE/DE]; Forstweg 23, 07745 Jena (DE). **EHRICHT, Ralf** [DE/DE]; Rosenstrasse 8, 07749 Jena (DE).

(74) **HUENGES, Martin**; 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 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).

Published / Publiée : (c)

(51)⁷ **B01J 19/00**

(11) **WO 2004/103548** (13) A1

(21) PCT/JP2004/007202

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-145992 **23 May/mai 2003 JP (23.05.2003)**

(30) 2003-177551 **23 Jun/juin 2003 JP (23.06.2003)**

(30) 2003-185119 **27 Jun/juin 2003 JP (27.06.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS FOR PRODUCING SPHERICAL POWDER, BURNER FOR TREATING POWDER, METHOD FOR PRODUCING SPHERICAL POWDER, SPHERICAL OXIDE POWDER AND OXIDE POWDER

• APPAREIL DE PRODUCTION DE POUDRE SPHERIQUE, BRULEUR POUR POUDRE DE TRAITEMENT, METHODE DE PRODUCTION DE POUDRE SPHERIQUE, POUDRE D'OXYDE SPHERIQUE ET POUDRE D'OXYDE ASSOCIE

(71) **TDK CORPORATION** [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, 1038272 (JP).

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

(72, 75) **CHE, Shenglei** [CN/JP]; C/O TDK CORPORATION, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo, 1038272 (JP).

(74) **OBA, Mitsuru**; OBA & ASSOCIATES, 8F, KM Building, 4-3, Iwamotocho 1-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B01J 19/00, C01B 3/38, B01J 23/63, 23/58, 23/89**

(11) **WO 2004/103549** (13) A2

(21) PCT/US2004/010611

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 10/440,053 **16 May/mai 2003 US (16.05.2003)**

(30) 10/449,913 **30 May/mai 2003 US (30.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OXIDATION PROCESS USING MICROCHANNEL TECHNOLOGY AND NOVEL CATALYST USEFUL IN SAME

• PROCEDE D'OXYDATION REPOSANT SUR LA TECHNOLOGIE DES MICRO-CANAUX ET NOUVEAU CATALYSEUR UTILE DANS LEDIT PROCEDE

(71) **VELOCYS INC.** [US/US]; 7950 Corporate Boulevard, Plain City, OH 43064 (US).

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

(72, 75) **LONG, Richard, Q.** [CN/US]; 5440 Riverport Drive, Columbus, OH 43221 (US). **TONKOVICH, Anna, Lee** [US/US]; 11875 Rausch Road, Marysville, OH 43040 (US). **DAYMO, Eric** [US/US]; 11875 Rausch Road, Marysville, OH 43040 (US). **YANG, Barry, L.** [US/US]; 6119 Craughwell Lane, Dublin, OH 43017 (US). **DALY, Francis, P.** [US/US]; 188 North Franklin Street,

- Deleware, OH 43015 (US). **WANG, Yong** [US/US]; 2884 Troon Ct., Richland, WA 99352 (US).
- (74) **DUCHEZ, Neil, A.**; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, 19th Floor, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/103550** (13) A1
- (21) PCT/US2004/010945
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) 10/440,053 **16 May/mai 2003** US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MICROCHANNEL WITH INTERNAL FIN SUPPORT FOR CATALYST OR SUPPORT MEDIUM
- MICROCANAL COMPORTANT UNE AILETTE INTERNE SERVANT DE SUPPORT A UN CATALYSEUR OU UNE SUBSTANCE DE SORPTION
- (71) **VELOCYS INC.** [US/US]; 7950 Corporate Boulevard, Plain City, Ohio 43064 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TONKOVICH, Anna, Lee** [US/US]; 11875 Rausch Road, Marysville, Ohio 43040 (US). **QIU, Dongming** [CN/US]; 7641 Finbarr Ct., Dublin, Ohio 43017 (US). **LONG, Richard, Q.** [CN/US]; 5440 Riverport Drive, Columbus, Ohio 43221 (US). **YANG, Barry, L.** [US/US]; 6119 Craughwell Lane, Dublin, Ohio 43017 (US). **YUSCHAK, Thomas** [US/US]; 5746 Cambrooke Court, Dublin, Ohio 43016 (US). **PERRY, Steven, T.** [US/US]; 8458 Squad Drive, Galloway, Ohio 43119 (US).
- (74) **DUCHEZ, Neil, A.**; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, 19th Floor, Cleveland, Ohio 44115-2191 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 **B01J 19/24**
- (11) **WO 2004/103551** (13) A1
- (21) PCT/GB2004/001763
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) en (26) en
- (30) 0311459.2 **19 May/mai 2003** GB (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • REACTOR ENABLING RESIDENCE TIME REGULATION
- REACTEUR PERMETTANT LA REGULATION DU TEMPS DE SEJOUR
- (71) **PHOENIX CHEMICALS LIMITED** [GB/GB]; 34 Thursby Road, Croft Business Park, Bromborough, Wirral CH62 3PW (GB).
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- (72, 75) **PROCTOR, Lee, David** [GB/GB]; 4 Rock View, Village Road, Maeshafn, Denbighshire CH7 5LR (GB). **WARR, Antony, John** [GB/GB]; 40 Heath Road, Chester CH2 1HX (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 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 **B01J 20/12, C12H 1/04**
- (11) **WO 2004/103552** (13) A1
- (21) PCT/EP2004/001688
- (22) **20 Feb/fév 2004 (20.02.2004)**
- (25) de (26) de
- (30) 103 23 499.3 **25 May/mai 2003** DE (25.05.2003)
- (30) 203 08 122.6 **25 May/mai 2003** DE (25.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • AGENT FOR ADSORBING PROTEIN FROM PROTEIN-CONTAINING LIQUIDS IN THE FOOD SECTOR
- AGENT D'ADSORPTION D'ALBUMINE DANS DES LIQUIDES ALBUMINEUX DANS LE SECTEUR DES DENREES ALIMENTAIRES
- (71) **SÜD-CHEMIE AG** [DE/DE]; Lenbachplatz 6, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOHLING, Ulrich** [DE/DE]; Alts Poststr. 49, 85356 Freising (DE).
- (74) **WESTENDORP, M.**; Splanemann Reitzner Baronetzky Westendorp, Rumpfstr. 7, 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 23/00, 23/22, 23/847, 23/885, 37/30, C01B 13/14, C01G 1/02, B01D 53/50, 53/56**
- (11) **WO 2004/103553** (13) A1
- (21) PCT/EP2004/005562
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 60/472,653 **22 May/mai 2003** US (22.05.2003)
- (30) 03076950.9 **24 Jun/juin 2003** EP (24.06.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • NEW METAL CONTAINING COMPOSITIONS AND THEIR USE AS CATALYST COMPOSITION
- COMPOSITIONS CONTENANT DU METAL ET LEUR UTILISATION EN TANT QUE COMPOSITION CATALYTIQUE
- (71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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- (72, 75) **JONES, William** [GB/GB]; 56 Lantree Crescent, Cambridge CB2 2NJ (GB). **O'CONNOR, Paul** [NL/NL]; Hogebrinkerweg 9, NL-3871 KM Hoevelaken (NL). **STAMIRE, Dennis**; 3401 Colony Plaza, Newport Beach, CA 92660 (US).
- (74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).
- Published / Publiée : (c)

(51)⁷ B01J 23/62, B01D 53/86

(11) WO 2004/103554 (13) A1

(21) PCT/JP2004/007578

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148279 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CATALYST FOR OXIDIZING AND REMOVING METHANE IN EXHAUST GAS METHOD FOR CLARIFYING EXHAUST GAS

• JP0407578 CATALYSEUR D'OXYDATION ET D'ELIMINATION DU METHANE DANS DES GAZ D'ÉCHAPPEMENT, PROCEDE DE CLARIFICATION DE GAZ D'ÉCHAPPEMENT

(71) TOKYO GAS COMPANY LIMITED [JP/JP]; 5-20, Kaigan 1-chome, Minato-ku, Tokyo 105-8527 (JP).
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(72, 75) HONDO, Masaki [JP/JP]; c/o Tokyo Gas Co., Ltd., 5-20, Kaigan 1-chome, Minato-ku, Tokyo 105-8527 (JP). MATSUI, Toru [JP/JP]; c/o Tokyo Gas Co., Ltd., 5-20, Kaigan 1-chome, Minato-ku, Tokyo 105-8527 (JP).

(74) KAMO, Hirokuni; Kamo Patent Office, Arai Bldg., 3rd Floor, 5-21, Kitasaiwai 2-chome, 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 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 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 B01J 23/84, 23/74, H01M 8/06, C01B 3/32

(11) WO 2004/103555 (13) A1

(21) PCT/JP2004/006903

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-142573 20 May/mai 2003 JP
(20.05.2003)(30) 2003-309696 2 Sep/sep 2003 JP
(02.09.2003)(30) 2003-322949 16 Sep/sep 2003 JP
(16.09.2003)(30) 2004-015343 23 Jan/jan 2004 JP
(23.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OXYHYDROCARBON REFORMING CATALYST, PROCESS FOR PRODUCING HYDROGEN OR SYNTHETIC

GAS THEREWITH AND FUEL CELL SYSTEM

• CATALYSEUR DE REFORMATION D'OXYHYDROCARBURE, PROCEDE DE PRODUCTION D'HYDROGENE OU DE GAZ DE SYNTHÈSE FAISANT APPÊL A CE CATALYSEUR ET SYSTEME DE PILE A COMBUSTIBLE ASSOCIÉ

(71) IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008321 (JP).

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(72, 75) EGUCHI, Koichi [JP/JP]; Kyoto University Katsura, Nishikyo-ku, Kyoto-shi, Kyoto, 6158510 (JP).

(74) OHTANI, Tamotsu et al. / etc.; OHTANI PATENT OFFICE, Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-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 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 B01J 23/889, 23/89, 37/03, B01D 53/86

(11) WO 2004/103556 (13) A1

(21) PCT/EP2004/005503

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 539.6 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MIXED OXIDE CATALYSTS CONTAINING MANGANESE AND COBALT AND USED FOR CO OXIDATION

• CATALYSEURS A OXYDES MIXTES CONTENANT DU MANGANESE ET DU COBALT DESTINES A L'OXYDATION DE CO

(71) UNIVERSITÄT DES SAARLANDES [DE/DE]; Postfach 15 11 50, 66041 Saarbrücken (DE).

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(72, 75) MAIER, Wilhelm [DE/DE]; Zum Nassauer Graben 58, 66386 St. Ingbert (DE). SAALFRANK, Jens [DE/DE]; Alter Stadtweg 157, 66125 Saarbrücken (DE).

(74) HUH, Michael; Isenbruck, 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 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 B01J 27/198

(11) WO 2004/103557 (13) A1

(21) PCT/US2004/014123

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/438,425 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOSPHORUS/VANADIUM CATALYST PREPARATION

• PREPARATION DE CATALYSEUR DE PHOSPHORE/VANADIUM

(71) SCIENTIFIC DESIGN COMPANY, INC. [US/US]; 49 Industrial Avenue, Little Ferry, NJ 07643 (US). LONZA S.P.A. [IT/IT]; Via Enrico Fermi, 51 24020, Scanzorosciate, I-24020 Bergamo (IT).

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(71, 72) BORTINGER, Arie [US/US]; 220 Emmett Place, Ridgewood, NJ 07450 (US). MAZZONI, Gianluca [IT/IT]; Marzanica 11 24020 Torre Boldone, I-24020 Bergamo (IT). MONTI, Tiziana [IT/IT]; Aldo Moro 14, I-40021 Bologna (IT).

(74) LONG, William, C.; 118 Washington Street, 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 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 B01J 29/08, 37/08, 21/16, C10G 11/05

(11) WO 2004/103558 (13) A1

(21) PCT/US2004/014651

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/440,608 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FCC CATALYSTS PREPARED BY IN-SITU CRYSTALLIZATION OF ZEOLITE

• CATALYSEURS FCC PERFECTIIONNES POUR DES APPLICATIONS

TRAITANT DU GAZOLE ET DES RESIDUS

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).
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(72) **XU, Mingting**; 215 Monroe Avenue, Edison, NJ 08820 (US). **STOCKWELL, David, Matheson**; 100 Nelson Place, Westfield, NJ 07090 (US).

(74) **HAMPILOS, Gus, T. et al.** / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 0830-0770 (US).

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

Published / Publiée : (c)

(51)⁷ **B01J 31/00**

(11) **WO 2004/103559** (13) A2

(21) PCT/EP2004/050906

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 03076827.9 **22 May/mai 2003 EP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COORDINATION COMPLEX SYSTEM COMPRISING BUILDING BLOCKS
• SYSTEME COMPLEXE DE COORDINATION COMPRENANT DES MOTIFS STRUCTURAUX

(71) **UNIVERSITEIT VAN AMSTERDAM** [NL/NL]; Spui 21, NL-1012 WX Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REEK, Joost, Nicolaas, Hendrik** [NL/NL]; Nieuwe Achtergracht 166, NL-1018 WV Amsterdam (NL). **CHEN, Ruifang** [NL/NL]; Nieuwe Achtergracht 166, NL-1018 WV Amsterdam (NL). **KAMER, Paul, Clemens, Jozef** [NL/NL]; Nieuwe Achtergracht 166, NL-1018 WV Amsterdam (NL). **SLAGT, Vincent, Friso** [NL/NL]; Talmastraat 93, NL-9402 HD Assen (NL). **VAN LEEUWEN, Petrus, Wilhelmus, Nicolaas, Maria** [NL/NL]; Nieuwe Achtergracht 166, NL-1018 WV Amsterdam (NL).

(74) **BEETZ, Tom et al.** / etc.; Overschiestraat 180, NL-1062 XK 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 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 **B01J 31/24, C07C 67/31, 231/18, C07F 15/00**

(11) **WO 2004/103560** (13) A1

(21) PCT/GB2004/001755

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 0311658.9 **21 May/mai 2003 GB (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CATALYTIC COMPOSITION AND PROCESS FOR ASYMMETRIC HYDROGENATION

• COMPOSITION CATALYTIQUE ET PROCEDE D'HYDROGENATION ASYMETRIQUE

(71) **PHOENIX CHEMICALS LIMITED** [GB/GB]; 34 Thursby Road, Croft Business Park, Bromborough, Wirral CH62 3PW (GB).

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(72, 75) **PROCTOR, Lee, David** [GB/GB]; 4 Rock View, Village Road, Maeshafn, Denbighshire CH7 5LR (GB). **WARR, Anthony, John** [GB/GB]; 40 Heath Road, Chester CH2 1HX (GB). **LATHOM, Elliot, James** [GB/GB]; 32 Whitegates Crescent, Willaston, South Wirral CH64 2UX (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 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 **B01J 35/02, C07C 51/265**

(11) **WO 2004/103561** (13) A1

(21) PCT/EP2004/005247

(22) **15 May/mai 2004 (15.05.2004)**

(25) de (26) de

(30) 103 23 818.2 **23 May/mai 2003 DE (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THREE-LAYERED OR FOUR-LAYERED CATALYST SYSTEMS FOR PRODUCING PHTHALIC ANHYDRIDE

• SYSTEMES CATALYTIQUES A TROIS OU A QUATRE COUCHES, UTILISES POUR PRODUIRE DE L'ANHYDRIDE D'ACIDE PHTHALIQUE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STORCK, Sebastian** [DE/DE]; Uhlandstr. 37a, 68167 Mannheim (DE). **ZÜHLKE, Jürgen** [DE/DE]; St.-Klara-Kloster-Weg 23, 67346 Speyer (DE). **NETO, Samuel** [FR/DE]; R7, 39, 68161 Mannheim (DE). **ROSOWSKI, Frank** [DE/DE]; Burgstr. 28, 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 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 **B01L**

(11) **WO 2004/103562** (13) A2

(21) PCT/US2004/014811

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/470,760 **15 May/mai 2003 US (15.05.2003)**

(30) 10/807,051 **23 Mar/mar 2004 US (23.03.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECONFIGURABLE MODULAR MICROFLUIDIC SYSTEM AND METHOD OF FABRICATION

• SYSTEME MICROFLUIDIQUE MODULAIRE RECONFIGURABLE ET PROCEDE DE FABRICATION

(71) **KIONIX, Inc.** [US/US]; 36 Thornwood Drive, Ithaca, NY 14850 (US).
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(72, 75) **ZHOU, Peng** [CN/US]; 44 Susanna Way, Newtown, PA 18940 (US). **YOUNG, Lincoln** [US/US]; 504 Lower Creek Road, Ithaca, NY 14850 (US).

(74) **VAN LEEUWEN, Meghan et al.** / etc.; Brown & Michaels, PC, 400 M & T Bank Building, 118 N. Tioga St., Ithaca, NY 14850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B01L

(11) WO 2004/103563 (13) A2

(21) PCT/US2004/016115

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,226 20 May/mai 2003 US (20.05.2003)

(30) 60/490,666 28 Jul/juil 2003 US (28.07.2003)

(30) 60/490,584 28 Jul/juil 2003 US (28.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR MICROFLUIDIC DEVICE AND IMAGING THEREOF

• PROCEDE ET SYSTEME POUR DISPOSITIF MICROFLUIDIQUE ET SON IMAGERIE

(71) FLUIDIGM CORPORATION [US/US]; 7100 Shoreline Court, South San Francisco, CA 94080 (US).

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(72, 75) QUAN, Emerson [US/US]; 2415 Ardee Lane, South San Francisco, CA 94080 (US). TAYLOR, Colin, Jon [US/US]; 506-1/2 Almer Road, Burlingame, CA 94010 (US). LEE, Michael [US/US]; 7100 Shoreline Court, South San Francisco, CA 94080 (US). CEASAR, Christopher [US/US]; 7100 Shoreline Court, South San Francisco, CA 94080 (US). HARRIS, Greg [US/US]; 7100 Shoreline Court, South San Francisco, CA 94080 (US).

(74) MAO, Daniel et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 B01L 3/00, G01N 35/08

(11) WO 2004/103564 (13) A1

(21) PCT/DE2004/001055

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 22 942.6 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR POSITIONING AND REMOVING FLUID COMPARTMENTS THAT ARE EMBEDDED IN A SEPARATION MEDIUM

• DISPOSITIF ET PROCEDE DE POSITIONNEMENT ET D'ECLOSAGE DE COMPARTIMENTS DE FLUIDE ENCASTRES DANS UN MILIEU DE SEPARATION

(71) HANS-KNÖLL-INSTITUT FÜR NATURSTOFF-FORSCHUNG E.V. [DE/DE]; Beutenbergstr. 11, 07745 Jena (DE). INSTITUT FÜR PHYSIKALISCHE HOCHTECHNOLOGIE E.V. [DE/DE]; Albert-Einstein-Str. 9, 07745 Jena (DE). INSTITUT FÜR BIOPROZESS- UND ANALYSENTECHNIK E.V. [DE/DE]; Rosenhof, 37308 Heilbad Heiligenstadt (DE). TECHNISCHE UNIVERSITÄT ILMENAU [DE/DE]; Max-Planck-Ring 14, 98693 Ilmenau (DE).

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(72, 75) GASTROCK, Gunter [DE/DE]; Ibergstr. 4, 37308 Heilbad Heiligenstadt (DE). GRODRIAN, Andreas [DE/DE]; Theodor-Sturm-Str. 88, 37308 Heilbad Heiligenstadt (DE). HENKEL, Thomas [DE/DE]; Fritz-Reuter-Str. 31, 07745 Jena (DE). KIELPINSKI, Mark [DE/DE]; Geschwister-Scholl-Str. 22, 04600 Altenburg (DE). KÖHLER, Michael [DE/DE]; Untergasse 8, 07751 Golmsdorf (DE). LEMKE, Karen [DE/DE]; Düstere-Eichen-Weg 37a, 37073 Göttingen (DE). MARTIN, Karin [DE/DE]; Dorfstr. 21a, 07751 Grosslöbichau (DE). METZE, Josef [DE/DE]; Gerhardusstr. 16, 37308 Heilbad Heiligenstadt (DE). ROTH, Martin [DE/DE]; Kernbergstr. 26, 07749 Jena (DE). SCHÖN, Thore [DE/DE]; Menzelstr. 9, 37308 Heilbad Heiligenstadt (DE). BAIER, Volker [DE/DE]; Bertolt-Brecht-Str. 9, 07745 Jena (DE).

(74) BOCK, Gerhard; Patentanwälte Bock & Bieber, Albert-Einstein-Str. 6, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 B01L 3/00, G01N 35/08, B01F 13/00, B01D 17/02

(11) WO 2004/103565 (13) A2

(21) PCT/DE2004/001056

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 22 893.4 19 May/mai 2003 DE (19.05.2003)

(30) 103 39 452.4 22 Aug/août 2003 DE (22.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR STRUCTURING LIQUIDS AND FOR DOSING REACTION LIQUIDS INTO LIQUID COMPARTMENTS IMMERSED IN A SEPARATION MEDIUM

• DISPOSITIF ET PROCEDE DE STRUCTURATION DE LIQUIDES ET DE DOSAGE DE LIQUIDES DE REACTION VERS DES COMPARTIMENTS A LIQUIDES NOYES DANS UN FLUIDE DE SEPARATION

(71) HANS-KNÖLL-INSTITUT FÜR NATURSTOFF-FORSCHUNG E.V. [DE/DE]; Beutenbergstr. 11, 07745 Jena (DE). INSTITUT FÜR PHYSIKALISCHE HOCHTECHNOLOGIE E.V. [DE/DE]; Albert-Einstein-Str. 9, 07745 Jena (DE). INSTITUT FÜR BIOPROZESS- UND ANALYSENTECHNIK E.V. [DE/DE]; Rosenhof, 37308 Heilbad Heiligenstadt (DE). TECHNISCHE UNIVERSITÄT ILMENAU [DE/DE]; Max-Planck-Ring 14, 98693 Ilmenau (DE).

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(72, 75) GASTROCK, Gunter [DE/DE]; Ibergstr. 4, 37308 Heilbad Heiligenstadt (DE). GRODRIAN, Andreas [DE/DE]; Theodor-Sturm-Str. 88, 37308 Heilbad Heiligenstadt (DE). HENKEL, Thomas [DE/DE]; Fritz-Reuter-Str. 31, 07745 Jena (DE). KIELPINSKI, Mark [DE/DE]; Geschwister-Scholl-Str. 22, 04600 Altenburg (DE). KÖHLER, Michael [DE/DE]; Untergasse 8, 07751 Golmsdorf (DE). LEMKE, Karen [DE/DE]; Düstere-Eichen-Weg 37a, 37073 Göttingen (DE). MARTIN, Karin [DE/DE]; Dorfstr. 21a, 07751 Grosslöbichau (DE). METZE, Josef [DE/DE]; Gerhardusstr. 16, 37308 Heilbad Heiligenstadt (DE). ROTH, Martin [DE/DE]; Kernbergstr. 26, 07749 Jena (DE). SCHÖN, Thore [DE/DE]; Menzelstr. 9, 37308 Heilbad Heiligenstadt (DE). BAIER, Volker [DE/DE]; Bertolt-Brecht-Str. 9, 07745 Jena (DE).

(74) BOCK, Gerhard; Patentanwälte Bock & Bieber, Albert-Einstein-Str. 6, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 B01L 3/00

(11) WO 2004/103566 (13) A1

(21) PCT/FR2004/001236

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr
(30) 03/06119 **21 May/mai 2003** FR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROFLUIDIC DEVICE

• DISPOSITIF MICROFLUIDIQUE

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3 rue Michel Ange, F-75794 Paris Cédex 16 (FR). **INSTITUT CURIE** [FR/FR]; 26 rue d'Ulm, F-75248 Paris Cedex 05 (FR).
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(72, 75) **VIOVY, Jean-Louis** [FR/FR]; 26 rue de l'Espérance, F-75013 Paris (FR). **FUTTERER, Claus** [DE/FR]; 22 rue Claude Lorrain, F-75016 Paris (FR). **MINC, Nicolas, Davis** [FR/FR]; 5 rue de l'Aubrac, F-75012 Paris (FR). **ROSSIER, Jean** [BE/FR]; 322, rue Saint-Jacques, F-75005 Paris (FR). **CODARBOX, Jean-Hugues** [FR/FR]; 86 avenue Aristide Briand, F-94240 l'Hay Les Roses (FR).

(74) **TANTY, François**; Nony & Associes, 3, rue de Penthievre, 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 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 B02C 7/12, D21B 1/14

(11) **WO 2004/103567** (13) A1

(21) PCT/SE2004/000678

(22) **5 May/mai 2004 (05.05.2004)**

(25) en (26) en

(30) 0301525-2 **23 May/mai 2003** SE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REFINING ELEMENT

• ELEMENT D'AFFINAGE

(71) **METSO PAPER, INC** [FI/FI]; P.O. Box 1220, FIN-00101 Helsinki (FI).
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(72, 75) **VIRVING, Nils** [SE/SE]; Backtimje-gränd 27, S-165 73 Hässelby (SE).

(74) **SUNDQVIST, Hans**; Metso Paper Sundsvall AB, S-851 94 Sundsvall (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B03C 5/02

(11) **WO 2004/103568** (13) A1

(21) PCT/GB2004/002202

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 0311826.2 **22 May/mai 2003** GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PARTICLE SEPARATION APPARATUS AND METHOD

• APPAREIL ET METHODE DE SEPARATION DE PARTICULES

(71) **QUEEN MARY & WESTFIELD COLLEGE** [GB/GB]; Queen's Building, Mile End Road, London E1 4NS (GB).

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(72, 75) **DONOVAN, Kevin, John** [GB/GB]; Queen Mary & Westfield College, Mile End Road, London E1 4NS (GB). **LUTZ, Thierry, Claude** [FR/GB]; Queen Mary & Westfield College, Mile End Road, London E1 4NS (GB).

(74) **ROBERTS, Gwilym, Vaughan** 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 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 B05B

(11) **WO 2004/103569** (13) A2

(21) PCT/EP2004/050892

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) MI2003A 001047 **23 May/mai 2003** IT
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR APPLYING A WATER-BASE NONSTICK COMPOSITION TO A MACHINE SPINDLE FOR PRODUCING PIPES OF POLYMER AND/OR COMPOSITE MATERIAL

• DISPOSITIF ET PROCEDE D'APPLICATION D'UNE COMPOSITION ANTIADHESIVE A L'EAU SUR UN AXE DE MACHINE POUR PRODUIRE DES TUYAUX DE MATERIAU POLYMER ET/OU COMPOSITE

(71) **KEMI S.r.l.** [IT/IT]; Via Marelli, 32/40, I-28060 S. Pietro Mosezzo (IT).

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(72, 75) **COLOMBO, Ezio** [IT/IT]; c/o KEMI S.r.l., Via Marelli, 32/40, I-28060 S. Pietro Mosezzo (IT). **SEGHEZZI, Alessandro** [IT/IT]; c/o KEMI S.r.l., Via Marelli, 32/40, I-28060 S. Pietro Mosezzo (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 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).

Published / Publiée : (i)

(51)⁷ B05B

(11) **WO 2004/103570** (13) A2

(21) PCT/US2004/015636

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 10/441,374 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPRINKLER ACTIVATED GENERATOR

• GENERATEUR ELECTRIQUE COMMANDE PAR ARROSEUR DE TYPE TOURNIQUET

(71, 72) **DEFRANK, Michael** [US/US]; 19472 Farallon Road, Madera, CA 93638 (US).

(74) **MAJCHER, Thomas, H.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, Tenth Floor, 6060 Center Drive, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B05B 1/32

(11) WO 2004/103571 (13) A1

(21) PCT/ES2003/000237

(22) 22 May/mai 2003 (22.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PNEUMATIC, LIQUID-DISPENSING GUN

• PISTOLET A COMMANDE PNEUMATIQUE POUR LA DISTRIBUTION DE LIQUIDES

(71, 72) PEÑALVER GARCIA, José [ES/ES]; Pol. Ind. El Tapiado, 30500 MOLINA DE SEGURA, Murcia (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/00, F16J 15/34

(11) WO 2004/103572 (13) A1

(21) PCT/EP2004/000923

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 103 24 298.8 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIQUID APPLICATION DEVICE

• DISPOSITIF D'APPLICATION DE LIQUIDE

(71) WEITMANN & KONRAD GMBH & CO. KG [DE/DE]; Friedrich-List-Strasse 20-24, 70771 Leinfelden-Echterdingen (DE).
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(72, 75) STAIGER, Jürgen [DE/DE]; Salzackerstrasse 123, 70567 Stuttgart (DE).

(74) STEIMLE, Josef; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 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 B05B 13/02

(11) WO 2004/103573 (13) A1

(21) PCT/EP2004/004828

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) MI2003 A 001007 20 May/mai 2003 IT (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROSTATIC-PAINTING SYSTEM FOR METALLIC MANUFACTURED ARTICLES AND ASSOCIATED METHOD

• SYSTEME DE PEINTURE ELECTROSTATIQUE POUR ARTICLES MANUFACTURES METALLIQUES ET PROCEDE ASSOCIE

(71) LASA IMPIANTI S.r.l. [IT/IT]; Via Borgo San Dazio, 13, I-20048 Carate Brianza (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORTOLATO, Giovanni [IT/IT]; Via Borgo San Dazio, 15, I-20048 Carate Brianza (IT).

(74) FARAGGIANA, Vittorio; Ingg. Guzzi & Ravizza S.r.l., Via Vincenzo Monti, 8, I-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 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 B05B 15/08

(11) WO 2004/103574 (13) A2

(21) PCT/FR2004/001249

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06171 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC RETOUCHING DEVICE FOR A POWDER-COATING BOOTH

• DISPOSITIF DE RETOUCHE AUTOMATIQUE POUR CABINE DE POU-DRAGE

(71) EISENMANN FRANCE SARL [FR/FR]; 2, rue Emile Pathé, et 57 bd de La République, F-78400 Chatou (FR).

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(72, 75) RODRIGUES, José [FR/FR]; Le Bourg, F-38650 Saint-Guillaume (FR). SURPI, André [FR/FR]; 172, avenue de la République, F-38170 Seyssinet-Pariset (FR).

(74) BRATEL, Gérard; Cabinet Germain & Maureau, BP 6153, F-69466 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 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 B05C 1/00, A47L 1/08, B43K 27/04, 5/00, A46B 11/00

(11) WO 2004/103575 (13) A1

(21) PCT/US2004/005927

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/441,954 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRAWING TOOL FOR USING MULTIPLE MARKERS

• INSTRUMENT DE DESSIN PERMETTANT L'UTILISATION DE MARQUEURS MULTIPLES

(71) OVERBREAK, LLC [US/US]; 9420 Chivers Avenue, Sun Valley, CA 91352 (US).
(only for / seulement pour US)

(72, 75) SIELING, Dayne, A. [US/US]; 1045 Meadows End, Calabasas, CA 91302 (US). AHARON, Arie, I. [US/US]; 3850 Rockhampton Drive, Tarzana, CA 91356 (US). HU, Atonio, C. [US/US]; 10775 Massachusetts, Los Angeles, CA 90024 (US). SHERMAN, Joseph [IL/US]; 14823 Morrison Street, Sherman Oaks, CA 91403 (US). DAVIS, Charles, P. [US/US]; 2802 Winlock Road, Torrance, CA 90505 (US).

(74) COESTER, Thomas, M. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025-1026 (US).

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

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

(51)⁷ B05C 5/02

(11) WO 2004/103576 (13) A1

(21) PCT/EP2004/050888

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 20308257.5 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SLOT NOZZLE
• BUSE EN FORME DE FENTE(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) SCHOETZ, Udo [DE/DE]; Coburger Weg 4, 40627 Düsseldorf (DE).
BURMESTER, Thomas [DE/DE]; Stapelerweg 9, 21354 Bleckede (DE).

(74) SPEISER, Dieter, K. et al. / etc.; Postfach 10 60 78, 28060 Bremen (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 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 B05C 5/02

(11) WO 2004/103577 (13) A1

(21) PCT/EP2004/005594

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 203 08 337.7 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR DISCHARGING A LIQUID
• DISPOSITIF D'APPLICATION DE FLUIDE(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145-1119 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUCHHOLZ, Helmut [DE/DE]; Schoolwech 8, 29584 Himbergen (DE).

(74) ANDRES, Mark; Eisenführ, Speiser & Partner, Postfach 10 60 78, 28060 Bremen (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 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 B05C 5/02

(11) WO 2004/103578 (13) A1

(21) PCT/US2004/011274

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/439,448 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COATING DIE AND METHOD FOR USE
• FILIERE D'ENDUCTION ET SON PROCEDE D'UTILISATION

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) PEKUROVSKY, Mikhail L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
NOYOLA, Joan M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
SECOR, Robert B.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) FRANZEN, Rick L., et al. / etc.; Office of Intellectual Property Counsel Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B05D 3/02, 1/24

(11) WO 2004/103579 (13) A1

(21) PCT/EP2004/005442

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 678.8 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR SINTER COATING
• PROCEDE D'ENDUCTION PAR FRIT-TAGE(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) STEGMAIER, Hermann [DE/DE]; Wiesenstr. 9, 73580 Böbingen/Rems (DE).
EBERLE, Jürgen [DE/DE]; Nelly-Sachs-Str. 95, 89134 Blaustein (DE).
SCHIFFER, Thomas [DE/DE]; Brinkweg 7C, 45721 Haltern (DE).
HEINRICH, Dirk [DE/DE]; Distelnerstr. 37, 45699 Herten (DE).
WÖNICKER, Hans-Joachim [DE/DE]; Brenntenhau 12, 70565 Stuttgart (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 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).

Published / Publiée : (c)

(51)⁷ B05D 3/14, 3/08, C07F 9/50, 9/53

(11) WO 2004/103580 (13) A1

(21) PCT/EP2004/050806

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 2003 0928/03 23 May/mai 2003 CH (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STRONGLY ADHERENT SURFACE COATINGS
• REVETEMENTS DE SURFACE A FORTE ADHERENCE(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) WOLF, Jean-Pierre [CH/CH]; Chilmietweg 6, CH-4464 Maisprach (CH).
KUNZ, Martin [DE/DE]; Baslerstrasse 13/5, 79588 Efringen-Kirchen (DE).

(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 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 B05D 7/00, H05K 3/28, 3/00, B05C 1/02, 9/12
- (11) WO 2004/103581 (13) A1
- (21) PCT/EP2004/005369
- (22) 19 May/mai 2004 (19.05.2004)
- (25) de (26) de
- (30) 103 23 761.5 22 May/mai 2003 DE (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SELECTIVE APPLICATION AND DRYING OF A COATING ON A PRINTED CIRCUIT BOARD
- APPLICATION ET SECHAGE SELECTION D'UN REVETEMENT SUR UNE CARTE DE CIRCUITS IMPRIMES
- (71) ENDRESS + HAUSER GMBH + CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUSCHKE, Ingo [DE/DE]; Am Weiheracker 22, 79585 Steinen (DE).
- (74) ANDRES, Angelika; c/o 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B05D 7/00, 3/02
- (11) WO 2004/103582 (13) A1
- (21) PCT/FI2004/050075
- (22) 24 May/mai 2004 (24.05.2004)
- (25) fi (26) en
- (30) 20030783 23 May/mai 2003 FI (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A METHOD FOR MANUFACTURING A COATING FOR A ROLL

- PROCEDE DE FABRICATION D'UN REVETEMENT DESTINE A UN ROULEAU
- (71) METSO PAPER, INC [FI/FI]; Fabianinkatu 9 A, FI-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAASONEN, Jan [FI/FI]; Auratie 2 as. 15, FI-04220 Kerava (FI).
- (74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FI-33720 Tampere (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 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).
- Published / Publiée : (c)
-
- (51)⁷ B07C 5/34, B29C 45/76, G01M 3/34, G01N 21/90
- (11) WO 2004/103583 (13) A1
- (21) PCT/EP2004/005481
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 03425330.2 22 May/mai 2003 EP (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS FOR CHECKING THE QUALITY OF PREFORMS EACH HAVING A BODY MADE OF PLASTICS MATERIAL
- APPAREIL DESTINE A CONTROLER LA QUALITE DE PREFORMES COMPRENANT CHACUNE UN CORPS CONSTITUE D'UNE MATIERE PLASTIQUE
- (71) SINCO MACCHINE S.p.A. [IT/IT]; Località Ribrocca, I-15057 Tortona (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CANEPA, Enzo [IT/IT]; Via Perissinoti 22/9, I-16043 Chavari (IT).
- (74) GERBINO, Angelo 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 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).
- 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 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)
(u) for / pour US only / seulement
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- (51)⁷ B08B 3/00
- (11) WO 2004/103584 (13) A2
- (21) PCT/FR2004/001155
- (22) 12 May/mai 2004 (12.05.2004)
- (25) fr (26) fr
- (30) 03/05864 16 May/mai 2003 FR (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND UNIT FOR CLEANING PIECES CONTAMINATED WITH ORGANIC MATTER
- PROCEDE ET INSTALLATION POUR LE NETTOYAGE DE PIECES SOUILLEES PAR DE LA MATIERE ORGANIQUE
- (71) CLEAN 3 BIO SYSTEM [FR/FR]; Zone Industrielle du Prat, Rue Paul Duplex, F-56000 Vannes (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DROGUE, Henri [FR/FR]; 17, chemin de Trevestier, F-56250 Treffleau (FR). GOIBIER, Martin [FR/FR]; 10, place de Florestie, F-56860 Sene (FR). AUGERI, Salvatore [FR/FR]; 6, rue du Pont d'Argent, F-56000 Vannes (FR). GARCIA, Thierry [FR/FR]; 12, avenue du Maréchal Foch, F-78120 Rambouillet (FR).
- (74) CABINET BREMA; FOSSE, Danièle, 78, avenue Raymond Poincaré, F-75116 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 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 B08B 9/049

(11) WO 2004/103585 (13) A1

(21) PCT/ES2004/000195

(22) 4 May/mai 2004 (04.05.2004)

(25) es (26) es

(30) P 2003 01191 22 May/mai 2003 ES
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR CLEANING INDUSTRIAL CHIMNEYS

• DISPOSITIF DE NETTOYAGE DE CHEMINEES INDUSTRIELLES

(71) TECNOLOGIA APLICADA ALS CONDUCTES S.L. [ES/ES]; Via Laietana 45, 4^o 2a, E-08003 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72) VILARASAU ALEGRE, Maria Teresa; Puigllencada 28, Urb. Les Punyoles, E-08459 Sant Antoni de Vilamajor (ES).

(74) FORTEA LAGUNA, Juan José; Sant Bonaventura, 18 Bajos, E-08190 Sant Cugat del Vallés (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 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).

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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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 B08B 9/093, B63B 57/02

(11) WO 2004/103586 (13) A1

(21) PCT/SE2004/000763

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0301490-9 22 May/mai 2003 SE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR INTERIOR FLUSHING OF CONTAINERS

• DISPOSITIF POUR LE RINCAGE INTERIEUR DE CONTENEURS

(71) GENERAL INDUSTRIAL PARTS LTD. [IE/IE]; 15 Herbert Street, Dublin 2 (IE).

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

(72, 75) JINBÁCK, Lars [SE/GB]; 33 Hartslock Court, Shooters Hill, Pangbourne, Berkshire RG 8 7BJ (GB).

(74) WAGNER, Heinz et al. / etc.; H. Wagner & Co. AB, Norra Vallgatan 72, S-211 22 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 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).

Published / Publiée : (a)

(51)⁷ B09C

(11) WO 2004/103587 (13) A2

(21) PCT/US2004/015260

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/438,768 15 May/mai 2003 US
(15.05.2003)(30) 10/438,780 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SOIL REMEDIATION

• ASSAINISSEMENT DU SOL

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, Texas 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEGEMEIER, George, L. [US/US]; 5819 Queensloch Drive, Houston, Texas 77096 (US). VINEGAR, Harold, J. [US/US]; 4613 Laurel Street, Bellaire, Texas 77401 (US). BAKER, Ralph, S. [US/US]; 59 Blossom Lane, Groton, Massachusetts 01450 (US). BIERSCHEK, John, M. [US/US]; 358 Federal Hill, Milford, New Hampshire 03055 (US).

(74) MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.; Meyertons, Eric B., P.O. Box 398, Austin, Texas 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 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 B09C

(11) WO 2004/103588 (13) A2

(21) PCT/US2004/015489

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/438,779 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SOIL REMEDIATION USING HEATED VAPORS

• ASSAINISSEMENT DE SOLS AU MOYEN DE VAPEURS CHAUFFEES

(71) SHELL OIL COMPANY [US/US]; Christensen, Del, P.O. Box 2463, Houston, TX 77252-2463 (US).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD 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) SHELL CANADA LIMITED [CA/CA]; 400-4th Avenue, S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

(72, 75) STEGEMEIER, George, Leo [US/US]; 5819 Queensloch Drive, Houston, TX 77096 (US). VINEGAR, Harold, J. [US/US]; 4613 Laurel, Bellaire, TX 77401 (US).

(74) MEYERTONS, Eric, B. et al. / etc.; MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B21B 1/02, 45/00, C22C 38/00, 38/18

(11) WO 2004/103589 (13) A1

(21) PCT/JP2004/007223

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-144557 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • Fe-Cr ALLY BILLET AND METHOD FOR PRODUCTION THEREOF

• BILLETTE EN ALLIAGE FE-CR ET PROCEDE DE PRODUCTION DE LA-DITE BILLETTE

(71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).
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(72, 75) **HIDAKA, Yasuyoshi** [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). **ANRAKU, Toshiro** [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). **YAMAKAWA, Tomio** [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). **KITAMURA, Yasufumi** [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).

(74) **MORI, Michio**; M. MORI PATENT OFFICE, Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo, 6600892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B21B 1/08, 27/02, B21H 8/00**

(11) **WO 2004/103590** (13) A1

(21) PCT/JP2004/007056

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 2003-141562 **20 May/mai 2003 JP (20.05.2003)**

(30) 60/478,346 **16 Jun/juin 2003 US (16.06.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROLLING APPARATUS AND METHOD OF MAKING PRODUCT OF MISCELLANEOUS CROSS SECTION WITH USE OF SAME

• DISPOSITIF DE LAMINAGE ET PROCEDE DE FABRICATION DE PRODUIT PRESENTANT UNE SECTION TRANSVERSALE QUELCONQUE AU MOYEN DE CE DISPOSITIF

(71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 1058518 (JP).
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(72, 75) **KAIMURA, Satoru** [JP/JP]; c/o Showa Denko K.K., Oyama Regional Office, 480, Inuzuka 1-chome, Oyama-shi, Tochigi 3238678 (JP). **TAMURA, Takashi** [JP/JP]; c/o Showa Denko K.K., Oyama Regional Office, 480, Inuzuka 1-chome, Oyama-shi, Tochigi 3238678 (JP).

(74) **HIBI, Norihiko et al. / etc.**; c/o Kishimoto & Co., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 5420086 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 **B21B 1/16, 27/02**

(11) **WO 2004/103591** (13) A1

(21) PCT/JP2004/007279

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-180291 **20 May/mai 2003 JP (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LARGE STRAIN INTRODUCING WORKING METHOD AND CALIBER ROLLING DEVICE

• PROCEDE DE TRAVAIL PRODUISANT UNE DEFORMATION IMPORTANTE ET LAMINOIR A CALIBRE

(71) **NATIONAL INSTITUTE FOR MATERIALS SCIENCE** [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).

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(72, 75) **INOUE, Tadanobu** [JP/JP]; c/o National Institute For Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).

TORIZUKA, Shiro [JP/JP]; c/o National Institute For Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). **MURAMATSU, Eijiro** [JP/JP]; c/o National Institute For Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). **NAGAI, Kotobu** [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 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 **B21B 9/00**

(11) **WO 2004/103592** (13) A1

(21) PCT/KR2003/001319

(22) **4 Jul/juil 2003 (04.07.2003)**

(25) en (26) en

(30) 10-2003-0032740 **23 May/mai 2003 KR (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC HEATING TYPE ROLLING DEVICE

• TRAIN DE LAMINAGE DU TYPE A CHAUFFAGE ELECTRIQUE

(71) **KYONG IN SPECIAL METAL CO., LTD.** [KR/KR]; 717-8 Gojan-dong, Namdong-gu, Incheon 405-821 (KR).

(72) **KIM, Stanislav, K.**; 16-50 Naberezhnaya Tsiolkovskogo, 140160 Zhukovsky, Moscow Region (RU). **TROITSKY, Oleg, A.**; Apt. 152, 4/Bld. 2, General Antonov Str., 117279 Moscow Region (RU). **JEE, Won-Guk**; Dongbu Apt. 501-803, 121 Imac-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-830 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 **B21B 19/04**

(11) **WO 2004/103593** (13) A1

(21) PCT/JP2004/007216

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-142958 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF MANUFACTURING SEAMLESS TUBE

• PROCEDE DE FABRICATION DE TUBES SANS SOUDURE

(71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).
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(72, 75) **YAMAKAWA, Tomio** [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka,

5410041 (JP). **SHIMODA, Kazumune** [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).

(74) **MORI, Michio**; M. MORI PATENT OFFICE, Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo, 6600892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B21B 41/00**

(11) **WO 2004/103594** (13) A1

(21) PCT/US2004/013386

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/470,265 **14 May/mai 2003** US (14.05.2003)

(30) 10/832,142 **26 Apr/avr 2004** US (26.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR DECELERATING AND TEMPORARILY ACCUMULATING A HOT ROLLED PRODUCT

• PROCEDE ET APPAREIL PERMETTANT DE RALENTIR ET D'ACCUMULER TEMPORAIREMENT UN PRODUIT LAMINE A CHAUD

(71) **MORGAN CONSTRUCTION COMPANY** [US/US]; 15 Belmont Street, Worcester, MA 01605 (US).

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

(72, 75) **SHORE, T., Michael** [US/US]; 161 Mountain Road, Princeton, MA 01541 (US).

(74) **GAUTHIER, Maurice, E. et al.** / etc.; Gauthier & Connors, LLP, 225 Franklin Street, Suite 3300, 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 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 **B21B 45/00, H05B 6/02, C21D 1/42**

(11) **WO 2004/103595** (13) A1

(21) PCT/EP2004/005569

(22) **24 May/mai 2004 (24.05.2004)**

(25) de (26) de

(30) 103 23 796.8 **23 May/mai 2003** DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR WARMING A METAL STRIP AND SYSTEMS FOR PRODUCING HOT-ROLLED METAL STRIPS, FITTED WITH SAID TYPE OF DEVICE

• DISPOSITIF PERMETTANT DE CHAUFFER UNE BANDE METALLIQUE, ET INSTALLATIONS EQUIPEES DE CE DISPOSITIF, SERVANT A PRODUIRE DES BANDES METALLIQUES LAMINEES A CHAUD

(71) **THYSSENKRUPP NIROSTA GMBH** [DE/DE]; Oberschlesienstrasse 16, 47807 Krefeld (DE). **THYSSENKRUPP STAHL AG** [DE/DE]; Kaiser-Wilhelm-Strasse 100, 47166 Duisburg (DE).

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(72, 75) **DEGENHARDT, Rolf** [DE/DE]; Hochstrasse 16, 47918 Tönisvorst (DE). **FIGGE, Hans, Jürgen** [DE/DE]; Heidekamp 27, 58239 Schwerte (DE). **LINDENBERG, Hans-Ulrich** [DE/DE]; Dertmanns Feld 35, 44797 Bochum (DE). **THIEMANN, Gerd** [DE/DE]; Kassenberger Strasse 168 b, 44879 Bochum (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 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 **B21C 23/08, 25/02**

(11) **WO 2004/103596** (13) A1

(21) PCT/JP2004/006601

(22) **11 May/mai 2004 (11.05.2004)**

(25) ja (26) ja

(30) 2003-146839 **23 May/mai 2003** JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF EXTRUDING HOLLOW LIGHT METAL MEMBER, DIE FOR EXTRUDING HOLLOW LIGHT METAL, AND MEMEBER FOR EXTRUDING HOLLOW LIGHT METAL

• PROCEDE D'EXTRUSION D'UN ELEMENT METALLIQUE LEGER CREUX, FILIERE D'EXTRUSION D'UN METAL LEGER CREUX ET ELEMENT

D'EXTRUSION D'UN METAL LEGER CREUX

(71) **KABUSHIKI KAISHA KOBE SEIKO SHO** [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo, 6518585 (JP).

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(72, 75) **MAENO, Sumihiko** [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo, 6512271 (JP). **SAKAE, Akira** [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo, 6512271 (JP).

(74) **KOTANI, Etsuji et al.** / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka, 5300005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 **B21C 37/06**

(11) **WO 2004/103597** (13) A1

(21) PCT/JP2003/006550

(22) **26 May/mai 2003 (26.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOUBLE STEEL PIPE HAVING SUPERIOR ADHESION PROPERTIES

• DOUBLE TUYAU EN ACIER PRESENTANT DES PROPRIETES D'ADHERENCE AMELIOREES

(71) **SIAM NIPPON STEEL PIPE CO., LTD.** [TH/TH]; 6015, Moo 3, Mabyangporn, Pluakdaeng, 21140 Rayong (TH).

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(72, 75) **TOYODA, Tetsuji** [JP/JP]; LGH 903, 8-5, Terashita, Ootamachi, Tokai-shi, Aichi 477-0031 (JP). **NAGAO, Takehisa** [JP/JP]; 13, Ishihoriyama, Narumicho, Midori-ku, Nagoya-shi, Aichi 458-0801 (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 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 **B21C 47/32, B65H 19/29, B21D 43/28, B65H 19/12**

(11) **WO 2004/103598** (13) A2

(21) PCT/AT2004/000179

(22) **21 May/mai 2004 (21.05.2004)**

(25) de (26) de

(30) A 803/2003 **23 May/mai 2003** AT
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **HOLDING DEVICE**
• **DISPOSITIF D'ARRET**

(71) **E-VENTURES BLECHSCHNITTSYSTEM GMBH** [AT/AT]; Kärntnerstrasse 355, A-8054 Graz (AT).
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(72, 75) **KRASSER, Franz** [AT/AT]; Wieserstrasse 19, A-8541 Schwanberg (AT).

(74) **KOPECKY, Helmut** 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 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 **B21D 5/02**

(11) **WO 2004/103599** (13) A1

(21) PCT/IT2003/000300

(22) **20 May/mai 2003 (20.05.2003)**

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MECHANICAL PUNCH HOLDER FOR A FORMING PRESS**
• **PORTE-POINÇON MECANIQUE POUR UNE PRESSE A EMBOUTIR**

(71) **IMTE S.p.A** [IT/IT]; 25/A, Via Edison Volta, I-43100 Parma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COMPLETA, Giovannino** [IT/CH]; 63, Chemin de Muajobia, CH-2000 Neuchâtel (CH).

(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 ES FI GB GD GE GH GM

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/15, 9/18, F16L 9/22**

(11) **WO 2004/103600** (13) A1

(21) PCT/JP2004/007079

(22) **24 May/mai 2004 (24.05.2004)**

(25) ja (26) ja

(30) 2003-146001 **23 May/mai 2003** JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MULTIPLE TUBE, AND METHOD AND APPARATUS FOR MANUFACTURING MULTIPLE TUBE**

• **ASSEMBLAGE DE TUBES ET PROCEDE ET DISPOSITIF DESTINES A LA FABRICATION D'UN ASSEMBLAGE DE TUBES**

(71) **YAMAHA MOTOR CO., LTD.** [JP/JP]; 2500 Shingai, Iwata-shi, Shizuoka 4388501 (JP).

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

(72, 75) **NAKAJIMA, Tomoyuki** [JP/JP]; c/o YAMAHA MOTOR CO., LTD., 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).
TASHIRO, Yoji [JP/JP]; c/o YAMAHA MOTOR CO., LTD., 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).
YOSHINO, Tamio [JP/JP]; c/o YAMAHA MOTOR CO., LTD., 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).

(74) **TURUWAKA, Toshio**; Room 512, Nishishinjuku House, 29-4, Nishi-Shinjuku 4-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 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 **B21D 22/02, 22/26**

(11) **WO 2004/103601** (13) A1

(21) PCT/JP2000/004897

(22) **21 Jul/juil 2000 (21.07.2000)**

(25) ja (26) ja

(30) 11/207007 **22 Jul/juil 1999** JP
(22.07.1999)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PRESS-FORMED BODY AND PRESS-FORMING METHOD**

• **CORPS FORME A LA PRESSE ET PROCEDE DE FORMAGE A LA PRESSE**

(71, 72) **IWAYA, Jiro** [JP/JP]; Kakogawa Works In Kobe Steel, Ltd., 1, Kanazawacho, Kakogawa-shi, Hyogo 675-0137 (JP).
KANI, Koichi [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 471-8571 (JP).
FUNABIKI, Toshiaki [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 471-8571 (JP).

(74) **KOTANI, Etsuji** et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).

(81) US.

Published / Publiée : (e) 07Jan/jan 2003
(07.01.2003), 6503639

(51)⁷ **B21D 26/02**

(11) **WO 2004/103602** (13) A1

(21) PCT/EP2004/004301

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) de (26) de

(30) 103 23 738.0 **24 May/mai 2003** DE
(24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD FOR PRODUCING A PERIPHERALLY CLOSED HOLLOW PROFILED ELEMENT**

• **PROCEDE DE FABRICATION D'UN PROFILE CREUX FERME PERIPHERIQUEMENT**

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINKE, Gerhard** [DE/DE]; Heideweg 45, 22959 Lütjensee (DE).
SCHROEDER, Matthias [DE/DE]; Apfelstrasse 8, 21720 Grünendeich (DE).
SCHULT, Jens [DE/DE]; Neue Strasse 1, 21435 Stelle (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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B21D 39/04, 39/08, 39/20, B23P 19/00, 19/02, F16L 9/18**

(11) **WO 2004/103603** (13) A1

(21) PCT/AU2004/000672

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 2003902440 **20 May/mai 2003** AU
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRODUCTION OF CLAD PIPES

• PRODUCTION DE TUYAUX GAINES

(71) **CLADTEK INTERNATIONAL PTY LTD** [AU/AU]; Level 2, 62 Colin Street, West Perth, Western Australia 6005 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MONTAGUE, Paul, Anthony** [AU/AU]; 24 Perina Way, City Beach, western Australia 6015 (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 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 **B21D 43/05**

(11) **WO 2004/103604** (13) A1

(21) PCT/JP2004/006748

(22) **19 May/mai 2004 (19.05.2004)**

(25) ja (26) ja

(30) 2003-142399 **20 May/mai 2003** JP
(20.05.2003)

(30) 2004-045975 **23 Feb/fév 2004** JP
(23.02.2004)

(30) 2004-045928 **23 Feb/fév 2004** JP
(23.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PANEL TRANSPORTATION DEVICE

• DISPOSITIF DE TRANSPORT DE PAN-NEAUX

(71) **ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.** [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku Tokyo, 1008182 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DODO, Yasushi** [JP/JP]; c/o ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. 2-1, Ohtemachi 2-chome, Chiyoda-ku Tokyo, 1008182 (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 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 **B21G 3/12**

(11) **WO 2004/103605** (13) A1

(21) PCT/DK2004/000354

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 10/443,185 **22 May/mai 2003** US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURITY HOLDING JAWS ON A TOOL RING FOR A NAIL MACHINE

• MACHOIRES DE RETENUE DE SECURITE SUR UN ANNEAU DESTINEES A DES MACHINES A CLOUS

(71) **ENKOTEC A/S** [DK/DK]; Sverigesvej 26, DK-8660 Skanderborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENSEN, Jørn, Boie** [DK/DK]; Kanalvej 3, DK-8400 Ebeltøft (DK).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B21J 9/02, B21K 1/20, F01L 1/25, B23P 15/00**

(11) **WO 2004/103606** (13) A1

(21) PCT/EP2004/004311

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) de (26) de

(30) 103 23 173.0 **22 May/mai 2003** DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SWITCHABLE HYDRAULIC CAM FOLLOWER

• POUSSOIR A COUPELLE HYDRAULIQUE COMMUTABLE

(71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestr. 1 - 3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PÄTZOLD, Holger** [DE/DE]; Schlossstr. 6, 96120 Bischberg (DE). **KUHL, Mario** [DE/DE]; Eichendorffstrasse 16, 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 **B22C**

(11) **WO 2004/103607** (13) A2

(21) PCT/US2004/015466

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/469936 **13 May/mai 2003** US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PROCESS FOR PREPARING FOUNDRY SHAPES

• PROCEDE DE PRODUCTION DE FORMES POUR LA FONDERIE

(71) **ASHLAND INC.** [US/US]; 50 RiverCenter Boulevard, P.O. Box 391, Covington, KY 41012-0391 (US).

(71, 72) **THOMAS, Dando, E.** [US/US]; 1681 Blue Church Road, Sunbury, OH 43074 (US).

(74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, 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 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 **B22C 7/02, 9/04, B22D 27/18, 27/20**

(11) **WO 2004/103608** (13) A1

(21) PCT/AU2004/000677

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 2003902536 **22 May/mai 2003** AU
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A LOST FOAM CASTING PROCESS

• PROCEDE DE COULEE EN MOUSSE PERDUE

(71) **WEIR WARMAN LIMITED** [AU/AU]; 1 Marden Street, Artarmon, New South Wales 2064 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOLMAN, Kevin, Francis** [AU/AU]; 247 Malton Road, North Epping, New South Wales 2121 (AU).

(74) **GRIFFITH HACK**; 3/509 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 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 **B22D 17/00, 19/00**

(11) **WO 2004/103609** (13) A1

(21) PCT/US2004/015471

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 10/440,935 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF MANUFACTURING A LAMINATED ROTOR

• PROCEDE DE FABRICATION D'UN ROTOR FEUILLETE

(71) **BRISTOL COMPRESSORS, INC.** [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).

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

(72, 75) **EDWARDS, Jerry D.** [US/US]; 23265 Pioneer Drive, Bristol, VA 24202 (US). **TOLBERT, John W.** [US/US]; 204 Ramey Road, Bristol, TN 37620 (US). **MONK, David T.** [US/US]; 167 Masters Court, Bristol, VA 24202 (US).

(74) **SATTIZAHN, Brian T.** et al. / etc.; McNees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108-1166 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **B22D 19/02, 25/00, 19/14**

(11) **WO 2004/103610** (13) A1

(21) PCT/EP2004/004656

(22) **3 May/mai 2004 (03.05.2004)**

(25) de (26) de

(30) 103 23 720.8 **24 May/mai 2003 DE (24.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCTION OF A WORKPIECE FROM A COMPOSITE MATERIAL

• PROCEDE DE FABRICATION D'UNE PIECE A PARTIR D'UN MATERIAU COMPOSITE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplerstrasse 225, 70567 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUMANN, Nicole** [DE/DE]; Geschwister-Scholl-Strasse 43, 73732 Esslingen (DE). **STARK, Holger** [DE/DE]; Beinsteinstr. 53, 71394 Kernen (DE). **FANDEL, Marco** [DE/DE]; Im Kapuzineröschle 13, 88677 Markdorf (DE). **SCHLEGL, Martin** [DE/DE]; Hölderlinstrasse 11, 73635 Rudersberg (DE).

(74) **DAIMLERCHRYSLER AG**; Intellectual Property Management, HPC U800, Wilhelm-Runge-Str. 11, 89081 Ulm (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 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 **B22D 41/04, 41/06**

(11) **WO 2004/103611** (13) A1

(21) PCT/EP2004/005240

(22) **15 May/mai 2004 (15.05.2004)**

(25) de (26) de

(30) 103 22 609.5 **20 May/mai 2003 DE (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR TILTING METALLURGICAL VESSELS

• PROCEDE ET DISPOSITIF POUR INCLINER DES CUVES METALLURGIQUES

(71, 72) **FELDHAUS, Bernd** [DE/DE]; Heimkamp 8a, 47178 Duisburg (DE).

(74) **WEISBRODT, Bernd**; Münzstrasse 34, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ **B22F 3/00, F16D 65/092, 69/02**

(11) **WO 2004/103612** (13) A1

(21) PCT/EP2004/050853

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) MI2003A000995 **20 May/mai 2003 IT (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BRAKE PAD AND CORRESPONDING PRODUCTION PROCESS

• PLAQUETTE DE FREIN ET PROCEDE DE PRODUCTION ASSOCIE

(71) **BRAKING ITALIA S.R.L.** [IT/IT]; Via Daneda 8, I-20040 Briosco (IT). **HOGANAS A.B. (PUBL.)** [SE/SE]; S-263 83 Hoganäs (SE).

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

(72, 75) **GREPPI, Bruno** [IT/IT]; Via Leopardi, 24, I-22036 Erba (IT). **CROSA, Riccardo** [IT/IT]; Via Iris, 41/3, I-16148 Genova (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 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B22F 3/00, 5/10, B23B 51/00**

(11) **WO 2004/103613** (13) A1

(21) PCT/SE2004/000768

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 0301456-0 **20 May/mai 2003 SE (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN EDGE-CARRYING DRILL BODY, AND A METHOD FOR THE MANUFACTURE OF THE SAME AND A

DRILLING TOOL COMPRISING SUCH A DRILL BODY

- CORPS DE FOREUSE A BORDS, PROCEDE DE FABRICATION DE CELUI-CI ET FOREUSE COMPRENANT UN TEL CORPS

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).

(72) DANIELSSON, Ake; Bessemorgatan 51, S-811 33 Sandviken (SE). SILVER, Bengt; Haefners väg 24, S-129 38 Hägersten (SE).

(74) KLÖFVER, Jörgen; 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 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 B23B 5/02, B24B 5/06, G01M 13/04

(11) WO 2004/103614 (13) A1

(21) PCT/DE2004/000988

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 23 046.7 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TENSIONING DEVICE FOR RADIALLY PRELOADING A WHEEL BEARING SUBASSEMBLY

- DISPOSITIF DE FIXATION POUR PRESERRAGE RADIAL D'UN ENSEMBLE DE MONTAGE DE PALIER DE ROUE

(71) FAG KUGELFISCHER AG [DE/DE]; Georg-Schäfer-Strasse 30, 97421 Schweinfurt (DE).

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

(72, 75) ULMAN, Lothar [DE/DE]; Neuer Weg 25, 97503 Gädheim (DE). BYWALEZ, Karl [DE/DE]; Feuerbergstrasse 35, 97422 Schweinfurt (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 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).

Published / Publiée : (c)

(51)⁷ B23B 27/14, B23C 5/16, B23B 51/00, C04B 35/80

(11) WO 2004/103615 (13) A1

(21) PCT/JP2004/007042

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-147171 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR TOUGHENING SURFACE OF SINTERED MATERIAL CUTTING TOOL AND SINTERED MATERIAL CUTTING TOOL HAVING LONG LIFE

- PROCEDE DE RENFORCEMENT POUR SURFACE D'OUTIL DE COUPE EN METAL FRITTE ET OUTIL DE COUPE EN METAL FRITTE D'UNE GRANDE LONGEVITE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY [JP/JP]; 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-8601 (JP). SHINTOKO GYO LTD. [JP/JP]; 28-12, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 466-0833 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKA, Hiroyasu [JP/JP]; 5-53, Takakura-dai 1-chome, Kasugai-shi, Aichi 487-0017 (JP). MOON, Won-Jin [KR/JP]; Furoresu Kiyama 2-403, 6-19, Harada 4-chome, Higashi-ku, Fukuoka-shi, Fukuoka 812-0063 (JP). UCHIMURA, Shoji [JP/JP]; 145, Aoyama 2-chome, Midori-ku, Nagoya-shi, Aichi 458-0833 (JP). ITO, Toshiro [JP/JP]; 61, Suwa 4-chome, Toyokawa-shi, Aichi 442-0068 (JP).

(74) MIYAMOTO, Harumi; Hougaku Bldg. 7F, 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 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 B23B 27/14

(11) WO 2004/103616 (13) A1

(21) PCT/US2004/010036

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/440,740 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CUTTING TOOL HAVING A WIPER NOSE CORNER

- OUTIL DE COUPE DOTE D'UN COIN A BEC RACLEUR

(71) TDY INDUSTRIES, INC. [US/US]; 1000 Six PPG Place, Pittsburgh, PA 15222 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FANG, X., Daniel [AU/US]; 509 Hodges Court, Franklin, TN 37067 (US). WILLS, David, J. [GB/US]; 9051 Fallswood Lane, Brentwood, TN 37027 (US).

(74) VICCARO, Patrick, J.; Allegheny Technologies Incorporated, 1000 Six PPG Place, Pittsburgh, PA 15222-5479 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B23B 27/18

(11) WO 2004/103617 (13) A1

(21) PCT/US2004/015131

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,306 14 May/mai 2003 US (14.05.2003)

(30) 10/690,761 22 Oct/oct 2003 US (22.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CUTTING TOOL INSERTS AND METHODS TO MANUFACTURE

- INSERTS D'OUTILS DE COUPE ET LEURS PROCEDES DE FABRICATION

(71) DIAMOND INNOVATIONS, INC. [US/US]; 6325 Huntley Road, Worthington, OH 43085 (US).

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

(72, 75) WEBB, Steven W. [US/US]; 253 Weydon Road, Worthington, OH 43085 (US). EILER, Joseph T. [US/US]; 301 Caro Lane, Gahanna, OH 43230 (US).

(74) PATEL, Alka A. et al. / etc.; Pepper Hamilton LLP, 500 Grant Street, 50th Floor, Pittsburgh, PA 15219 (US).

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

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

(51)⁷ B23B 31/12

(11) WO 2004/103618 (13) A1

(21) PCT/DE2004/000398

(22) 2 Mar/mar 2004 (02.03.2004)

(25) de (26) de

(30) 103 21 820.3 14 May/mai 2003 DE (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRILL CHUCK

• MANDRIN DE PERCEUSE

(71) RÖHM GMBH [DE/DE]; Heinrich-Röhm-Strasse 50, 89567 Sonthheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RÖHM, Günter, Horst [DE/DE]; Heinrich-Röhm-Strasse 50, 89567 Sonthheim (DE).

(74) HENTRICH, Swen; Ensingerstrasse 21, 89073 Ulm (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 31/20, 31/26

(11) WO 2004/103619 (13) A2

(21) PCT/GB2004/002214

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311852.8 22 May/mai 2003 GB (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROTARY TOOL HOLDER ASSEMBLIE

• ENSEMBLES DE RETENUE D'OUTIL ROTATIF

(71) WESTWIND AIR BEARINGS LTD [GB/—]; Holton Road, Holton Heath, Poole, Dorset BH16 6KLN (GB).

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

(72, 75) PAVEY, Christopher, John [GB/GB]; Yew Tree Lodge, 4 Ollivers Road, Colehill, Wimborne, Dorset BJ21 2NT (GB). Tempest, Michael, Clinton [GB/GB]; 8 Scarf Road, Canford Heath, Poole, Dorset HB17 8QQ (GB).

(74) FAULKNER, Thomas, John et al. / etc.; 11 Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B23B 61/00

(11) WO 2004/103620 (13) A1

(21) PCT/SE2004/000769

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0301455-2 20 May/mai 2003 SE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EDGE-CARRYING DRILL BODY

• CORPS DE FORAGE A SUPPORT DE BORD

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).

(72) LINDBLOM, Stefan; Myrbackavändan 93, S-804 27 Gävle (SE).

(74) KLÖFVER, Jörgen; 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 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 B23C 3/12, B27C 5/00

(11) WO 2004/103621 (13) A1

(21) PCT/EP2004/005298

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 203 08 037.8 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MILLING UNIT

• UNITE DE FRAISAGE

(71) PAUL OTT GMBH [AT/AT]; Carl-von-Linde-Strasse 12, A-4650 Lambach/OÖ (AT).

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

(72, 75) PITTRICH, Gerhard [AT/AT]; Schallerbacher Str.62, A-4702 Wallen an der Trattnach (AT). KASER, Hans [AT/AT]; Nr.38, A-4671 Aichkirchen (AT).

(74) HANO, Christian et al. / etc.; V. Fünser Ebbinghaus Finck Hano, Mariahilfplatz 2&3, 81517 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 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 B23C 3/18

(11) WO 2004/103622 (13) A1

(21) PCT/DE2004/000807

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 22 340.1 17 May/mai 2003 DE (17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR THE CUTTING OF FREEFORM SURFACES

• PROCEDE ET DISPOSITIF POUR FRAISER DES SURFACES A FORME LIBRE

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLÄSSER, Arndt [DE/DE]; Olchinger Strasse 45, 85221 Dachau (DE).

(74) SÖLLNER, Oliver et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C 106, 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 PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **B23D 47/02, 45/12, B24B 27/06, B23D
21/04, 21/08**
- (11) **WO 2004/103623** (13) A1
- (21) PCT/FI2004/050029
- (22) **17 Mar/mar 2004 (17.03.2004)**
- (25) en (26) en
- (30) 20035071 **22 May/mai 2003** FI
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS FOR MACHINING, ES-
PECIALLY CUTTING TUBULAR AND
ROUND SECTION BODIES
- APPAREIL D'USINAGE, DESTINE EN
PARTICULIER A COUPER DES CORPS
DE SECTION TUBULAIRE ET RONDE
- (71) **EXACT TOOLS OY** [FI/FI]; Meche-
lininkatu 6, FI-00100 Helsinki (FI).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **MAKKONEN, Seppo** [FI/FI]; Kajanuk-
senkatu 4 A 11, FI-00250 Helsinki (FI).
PRIHA, Mika [FI/FI]; Lastenodinkatu 2-10
U1, FI-00180 Helsinki (FI).
- (74) **LEITZINGER OY**; Tammasaarenkatu 1,
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 **B23F 21/22**
- (11) **WO 2004/103624** (13) A1
- (21) PCT/EP2004/005105
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) de (26) de
- (30) 103 23 751.8 **22 May/mai 2003** DE
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD, BAR BLADE, AND USE
THEREOF FOR MILLING SPIRAL
BEVEL GEARS AND HYPOID GEARS
- PROCEDE, LAME A BARRE ET SON
UTILISATION POUR FRAISER DES

- ENGRENAGES CONIQUES A DEN-
TURES HELICOIDALES ET DES EN-
GRENAGES HYPOIDES
- (71) **KLINGELNBERG GMBH** [DE/DE]; Pe-
terstrasse 45, 42499 Hückeswagen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **RIBBECK, Karl Martin** [DE/DE]; Hei-
destrasse 17, 42897 Remscheid (DE).
- (74) **MENGES, Rolf**; c/o Ackmann, Menges &
Demschi, Postfach 14 04 31, 80454 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 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).
- Published / Publiée : (b)
-
- (51)⁷ **B23H 1/00**
- (11) **WO 2004/103625** (13) A1
- (21) PCT/JP2003/006287
- (22) **20 May/mai 2003 (20.05.2003)**
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ELECTRIC DISCHARGE MACHINE
- MACHINE A DECHARGES ELEC-
TRIQUES
- (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) **SASAKI, Rika** [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
SENDAI, Tomoko [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310
(JP). **KATOUGI, Hidetaka** [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP).
- (74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).
- (81) CH CN DE JP KR US.
-
- (51)⁷ **B23H 7/04, 1/02**
- (11) **WO 2004/103626** (13) A1
- (21) PCT/CH2004/000264
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) fr (26) fr
- (30) 920/03 **22 May/mai 2003** CH
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DEVICE FOR MACHINING BY ELEC-
TROEROSION
- DISPOSITIF D'USINAGE PAR ELEC-
TROEROSION
- (71) **CHARMILLES TECHNOLOGIES S.A.**
[CH/CH]; 8-10, rue du Pré-de-la-Fontaine,
CH-1217 Meyrin 1 (CH).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **JAQUES, Fabrice** [CH/CH]; 7, rue de
la Prulay, CH-1217 Meyrin (CH). **DORTHE,
Sebastian** [CH/CH]; Chemin du collège,
CH-1608 Chesalles sur Oron (CH). **TOGNO-
LINI, Maurizio** [CH/CH]; Chemin du Sétif,
CH-1269 Bassins (CH). **DEMULE, Guy**
[FR/FR]; 49, impasse des Arches, F-74800
Cornier (FR). **BÜHLER, Ernesto** [CH/CH];
Salita degli Orti 5, CH-6616 Losone (CH).
- (74) **WEISS, Wolfgang**; Georg Fischer AG, Am-
sler-Laffon-Strasse 9, CH-8201 Schaffhausen
(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 **B23K 1/00**
- (11) **WO 2004/103627** (13) A1
- (21) PCT/EP2004/004271
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) de (26) de
- (30) 103 23 719.4 **24 May/mai 2003** DE
(24.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR CONNECTING A HOL-
LOW PROFILE TO A TWO-DIMEN-
SIONALLY CONTACTING COMPO-
NENT
- PROCEDE POUR ASSEMBLER UN
PROFIL CREUX AVEC UN COMPO-
SANT APPLIQUE A PLAT
- (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) **BRÜSSEL, Andreas** [DE/DE]; Kloster-
weg 5, 33154 Salzkotten (DE). **DUDZIAK,
Kai-Uwe** [DE/DE]; Setzenhorst 9, 21435
Stelle (DE). **LANGWALDT, Silke** [DE/DE];
Unter den Eichen 4, 21224 Rosengarten (DE).
MÜLLER, Marc [DE/DE]; T-Riemen-
schneider-Strasse 5, 71034 Böblingen (DE).
SIRING, Alfred [DE/DE]; Rosenstrasse 1,
71063 Sindelfingen (DE).
- (74) **NÄRGER, Ulrike** et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) **B23K 1/00, 3/00**
- (11) **WO 2004/103628** (13) A1
- (21) PCT/SE2004/000713
- (22) **11 May/mai 2004 (11.05.2004)**
- (25) sv (26) en
- (30) 0301401-6 **12 May/mai 2003 SE (12.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A NOVEL METHOD AND A NOVEL COMBINED DEVICE FOR PERFORMING A PRE- AND POST-BRAZING TEMPERATURE CONTROLLED MARTENSIT-FREE BRAZING PROCESS USING A CONTROLLED BRAZING TEMPERATURE
- NOUVEAU PROCEDE ET NOUVEAU DISPOSITIF COMBINE PERMETTANT DE REALISER UN PROCESSUS DE BRASAGE SANS MARTENSITE A TEMPERATURE DE PRE-BRASAGE ET DE POST-BRASAGE REGULEE, AU MOYEN D'UNE TEMPERATURE DE BRASAGE REGULEE
- (71) **SAFETRACK INFRASYSTEMS SISAB AB** [SE/SE]; Lilla Mölleberga, S-245 93 Staffanstorps (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETTERSEN, OLA** [SE/SE]; Sunnavägen 6 K, S-222 26 Lund (SE).
- (74) **HANSSON THYRESSON PATENT-BYRÅ AB**; Box 73, S-201 20 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B23K 1/008, 1/19**
- (11) **WO 2004/103629** (13) A1
- (21) PCT/AU2004/000679
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) 2003902511 **21 May/mai 2003 AU (21.05.2003)**

- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF JOINING MATERIALS
- PROCEDE D'ASSEMBLAGE DE MATERIAUX
- (71) **WEIR WARMAN LIMITED** [AU/AU]; 1 Marden Street, Artarmon, New South Wales 2064 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOLMAN, Kevin, Francis** [AU/AU]; 247 Malton Road, North Epping, New South Wales 2121 (AU).
- (74) **GRIFFITH HACK**; 3/509 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 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 **B23K 9/00, 31/02**
- (11) **WO 2004/103630** (13) A1
- (21) PCT/US2003/025202
- (22) **13 Aug/août 2003 (13.08.2003)**
- (25) en (26) en
- (30) 10/430,578 **6 May/mai 2003 US (06.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR RESISTANCE WELDING/BRAZING A TUBE TO A MEMBER
- PROCEDE DE SOUDAGE/BRASAGE FORT PAR RESISTANCE D'UN TUBE SUR UN ELEMENT
- (71) **DELPHI TECHNOLOGIES, INC.** [US/US]; 5725 Delphi Drive, Troy, MI 48098-2815 (US).
- (72) **ANANTHANARAYANAN, Venkata-subramanian**; 4030 North Emerald Court, Beavercreek, OH 45430 (US). **RAMACHANDRA, Dharmendra (Dharam)**, M.; 9086 Payne Farm Lane, Centerville, OH 45458 (US). **MARCZEWSKI, Richard, Wesley**; 5276 Augusta Ct., Metamora, MI 48455 (US).
- (74) **MCBAIN, Scott, A.**; Delphi Technologies, Inc., Legal Staff, P.O. Box 5052, Mail Code: 480-410-202, Troy, MI 48007-5052 (US).
- (81) AE AG AL 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23K 9/00, 31/02**
- (11) **WO 2004/103631** (13) A1
- (21) PCT/US2003/025401
- (22) **13 Aug/août 2003 (13.08.2003)**
- (25) en (26) en
- (30) 10/430,854 **6 May/mai 2003 US (06.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR RESISTANCE WELDING/BRAZING A TUBE TO A CONTAINER
- PROCEDE DE SOUDAGE/BRASAGE FORT PAR RESISTANCE D'UN TUBE SUR UN RECIPIENT
- (71) **DELPHI TECHNOLOGIES, INC.** [US/US]; 5725 Delphi Drive, Troy, MI 48098-2815 (US).
- (72) **ANANTHANARAYANAN, Venkata-subramanian**; 4030 North Emerald Court, Beavercreek, OH 45430 (US). **RAMACHANDRA, Dharmendra (Dharam)**, M.; 9086 Payne Farm Lane, Centerville, OH 45458 (US).
- (74) **SMITH, Michael, D.**; Delphi Technologies, Inc., 5725 Delphi Drive, 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23K 9/32**
- (11) **WO 2004/103632** (13) A1
- (21) PCT/CA2004/000775
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 2,429,974 **26 May/mai 2003 CA (26.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WELDING TORCH MAINTENANCE CENTER
- DISPOSITIF D'ENTRETIEN DE CHA-LUMEAU SOUDEUR
- (71) **NASARC TECHNOLOGIES INC.** [CA/CA]; 695 McMurray Drive, Unit 6, Waterloo, Ontario N2V 2B7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICE, Jody** [CA/CA]; 375 Kingscourt Drive, Unit 27, Waterloo, Ontario N2K 3N7 (CA). **KTEILY, Naseem** [CA/CA]; 426 Hagen Court, Waterloo, Ontario N2K 4A8 (CA).

(74) HARRIS, John, D. et al. / etc.; Gowling Lafleur Henderson LLP, 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B23K 26/42, H01S 3/02

(11) WO 2004/103633 (13) A1

(21) PCT/JP2003/006288

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LASER BEAM MACHINING EQUIPMENT

• EQUIPEMENT D'USINAGE PAR FAISCEAUX LASER

(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) ARAKAWA, Yoshifumi [JP/JP]; c/o Mitsubishi Electric Engineering Co., Ltd., 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP). YOKOI, Shigeru [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR SG US.

(51)⁷ B23P 15/10

(11) WO 2004/103634 (13) A2

(21) PCT/DE2004/001042

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 22 921.3 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING A ONE-PIECE PISTON FOR AN INTERNAL COMBUSTION ENGINE

• PROCEDE DE PRODUCTION D'UN PISTON MONOBLOC POUR UN MOTEUR A COMBUSTION

(71) MAHLE GMBH [DE/DE]; Pragstrasse 26-46, 70376 Stuttgart (DE).

(72) SCHARP, Rainer; Jägerstrasse 28, 71665 Vaihingen (DE).

(74) POHLE, Reinhard et al. / etc.; Mahle GmbH, Patentabteilung ZRIP/EP, Pragstrasse 26-46, 70376 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 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 B23Q 7/16

(11) WO 2004/103635 (13) A1

(21) PCT/FI2004/050054

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 20035070 22 May/mai 2003 FI (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FEED MECHANISM

• MECANISME D'ALIMENTATION

(71) PIVATIC OY [FI/FI]; Varastokatu 8, FI-05800 Hyvinkää (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAARILUOMA, Heikki [FI/FI]; Marjantatie 5, FI-05840 Hyvinkää (FI). PITKÄNEN, Veikko [FI/FI]; Kansankatu 27 A 3, FI-05900 Hyvinkää (FI). MÄENPÄÄ, Ari [FI/FI]; Impivaarantie 49, FI-05400 Jokela (FI).

(74) Leitzinger Oy; Tammasaarenkatu 1, 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 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 B24B

(11) WO 2004/103636 (13) A2

(21) PCT/JP2004/007152

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003-143526 21 May/mai 2003 JP (21.05.2003)

(30) 2003-143527 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUBSTRATE POLISHING APPARATUS
• DISPOSITIF DE POLISSAGE DE SUBSTRATS

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). SHIMADZU CORPORATION [JP/JP]; 1, Nishinokyo-kuwabaracho, Nakagyo-ku, Kyoto-shi, Kyoto 6048511 (JP).

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

(72, 75) HIROKAWA, Kazuto [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). KOBAYASHI, Yoichi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). NAKAI, Shunsuke [JP/JP]; c/o Ebara Corporation, 1-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). OHTA, Shinrou [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). TSUKUDA, Yasuo [JP/JP]; 285-1, Takahama, Shimamoto-cho, Mishima-gun, Osaka 6180012 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B24B 9/14, 49/16

(11) WO 2004/103637 (13) A1

(21) PCT/EP2004/005336

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 24 146.9 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR MACHINING SPECTACLE LENSES

• PROCEDE ET DISPOSITIF DE FAÇONNAGE DE VERRES DE LUNETTES

(71) WECO OPTIK GMBH [DE/DE]; Jägerstrasse 58, 40231 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANETTA, Frank [DE/DE]; Ecksee 54, 44805 Bochum (DE). BEIL, Sebastian [DE/DE]; Burscheider Strasse 63, 40591 Düsseldorf (DE). FEUSTER, Winfried [DE/DE]; Kleiststrasse 2, 41515 Grevenbroich (DE).

(74) REHDERS, Jochen; Velten Franz Jakoby, Kaistraße 20, 40221 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 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).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR 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 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)

(u) for / pour US only / seulement

(51)⁷ B24B 13/005, 13/00

(11) WO 2004/103638 (13) A1

(21) PCT/DE2004/001057

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 22 587.0 15 May/mai 2003 DE (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND DEVICE FOR PRODUCING REFERENCE SURFACES ON MOUNTS OF OPTICAL ELEMENTS BY MEANS OF MACHINING, AND THUS PRODUCED OPTICAL ELEMENTS

- PROCEDE ET DISPOSITIF DE FABRICATION DE SURFACES DE REFERENCE SUR DES MONTURES D'ELEMENTS OPTIQUES PAR USINAGE ET ELEMENTS OPTIQUES AINSI OBTENUS

- (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) GUYENOT, Volker [DE/DE]; Otto-Engau-Strasse 4a, 07749 Jena (DE). DAMM, Christoph [DE/DE]; Schaefferstr. 6, 07743 Jena (DE). GEBHARDT, Andreas [DE/DE]; Friedrich-Engels-Str. 28, 99510 Apolda (DE). SIEBENHAAR, Christian [DE/DE]; Zimmerstr. 16, 99310 Arnstadt (DE). PESCHEL, Thomas [DE/DE]; Closewitzer Strasse 21g, 07743 Jena (DE).

- (74) PFENNING, MEINIG & PARTNER GBR; Gostritzer Strasse 61-63, 01217 Dresden (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 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 B24B 21/08, 47/22

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(21) PCT/IT2003/000314

(22) 22 May/mai 2003 (22.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND DEVICE FOR SAND-ING PLANAR OBJECTS

- PROCEDE ET DISPOSITIF DE SABLAGE D'OBJETS PLATS

- (71) COSTA LEVIGATRICI SPA [IT/IT]; Via Venezia, 144, I-36015 Schio (IT).
(for all designated States except / pour tous les États désignés sauf US)

- (71) BAU', Eligio [IT/IT]; Via Dante Alighieri, 2, I-36042 Breganze (IT).
(only for / seulement pour CA US)

- (74) BONINI, Ercole; Studio Ing. E. Bonini SRL, Corso Fogazzaro, 8, I-36100 Vicenza (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 B24B 33/02, 31/116, 57/00, 37/02, C09K 3/14, C09G 1/02

(11) WO 2004/103640 (13) A1

(21) PCT/EP2004/004269

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 23 743.7 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • EXPOSING SUBSTANCE, EXPOSING METHOD, AND EXPOSING DEVICE
• MASSE D'ABRASION, PROCEDE D'ABRASION ET DISPOSITIF D'ABRASION

- (71) DAIMLERCHRYSLER AG [DE/DE]; Eppelstrasse 225, 70567 Stuttgart (DE).
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- (72, 75) SCHÄFER, Helmut [DE/DE]; Schubertstrasse 23, 71394 Kernen (DE).

STOCKER, Peter [DE/DE]; Eichendorffstrasse 70/1, 71560 Sulzbach (DE). STORZ, Oliver [DE/DE]; Ludwigstrasse 18/1, 73776 Altbach (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 PL PT RO SE 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/IB2004/001630

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 2003/3969 22 May/mai 2003 ZA (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD OF MAKING A TOOL COMPONENT
• PROCEDE DE FABRICATION D'UN ELEMENT D'OUTIL

- (71) ELEMENT SIX (PTY) LTD [ZA/ZA]; Debid Road, Nuffield, 1559 Springs (ZA).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SIGALAS, Iakovos [ZA/ZA]; 112 Third Street, 2195 Linden (ZA). FRIES, Robert [ZA/ZA]; The Cottage, Lynstanwold Road, 2196 Saxonwold (ZA).

- (74) DONALD, Heather, June; Spoor & Fisher, PO Box 41312, 2024 Craighall (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 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).

Published / Publiée : (c)

(51)⁷ B24D 13/06

(11) WO 2004/103642 (13) A1

(21) PCT/DK2004/000346

(22) 18 May/mai 2004 (18.05.2004)

(25) da (26) en

(30) PA 2003 00786 23 May/mai 2003 DK
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GRINDING ELEMENT FOR MOUTING
IN A GROOVE
• ELEMENT DE MEULAGE A MONTER
DANS UNE RAINURE(71, 72) JESPERSEN, Poul, Erik [DK/DK];
Lyngvænget 6, DK-7870 Roslev (DK).(74) PATRADE A/S; Fredens Torv 3A, 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Published / Publiée : (c)

(51)⁷ B24D 13/10, 13/06

(11) WO 2004/103643 (13) A1

(21) PCT/DK2004/000351

(22) 18 May/mai 2004 (18.05.2004)

(25) da (26) en

(30) PA 2003 00785 22 May/mai 2003 DK
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BRUSH MODULE FOR A GRINDING
BRUSH
• MODULE POUR UNE BROUSSE DE
PONÇAGE ROTATIVE(71, 72) HIMMER, Nina [DK/RU]; Sevastopol-
sky pr-t, 24B/24, Office 411, Moscow (RU).(74) ZACCO DENMARK A/S; Hans
Bekkevolds Allé 7, DK-2900 Hellerup (DK).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Published / Publiée : (c)

(51)⁷ B24D 15/00, B25G 3/38, B05C 17/00,
A47L 13/10

(11) WO 2004/103644 (13) A2

(21) PCT/US2004/015176

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,836 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HAND MANIPULATED TOOL
• OUTIL MANIPULE A LA MAIN(71) FULL CIRCLE INTERNATIONAL, INC.
[US/US]; 14817 Southcross Lane, Burnsville,
MN 55306 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ANNIS, Kent, V. [US/US]; 14817
Southcross Lane, Burnsville, MN 55306
(US). HARLOW, Karl, W. [US/US]; 5529
Basswood Circle, Rockford, MN 55373 (US).(74) BROOKS Edward, J., III et al. / etc.; E.J.
Brooks & Associates, PLLC, 1221 Nicollet
Avenue, Suite 500, Minneapolis, MN 55403
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B25B 1/04, 1/08, 5/14, 5/06, B25J 15/02

(11) WO 2004/103645 (13) A1

(21) PCT/IT2004/000241

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) BS2003A000049 22 May/mai 2003 IT
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STRUCTURE OF ANGULAR PNEU-
MATIC GRIPPER
• STRUCTURE DE PINCE PNEUMA-
TIQUE ANGULAIRE(71) GIMATIC S.p.A. [IT/IT]; Via
Dell'Artigianato 1A/B, I-25030 Roncadelle
(IT).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) MAFFEIS, Giuseppe [IT/IT]; Via
dell'Artigianato, 1 A/B, I-25030 Roncadelle
(IT).(74) SANGIACOMO, Fulvia; Biesse S.R.L.,
Corso Matteotti, 42, I-25122 Brescia (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 KRKZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B25B 7/10, 7/14

(11) WO 2004/103646 (13) A2

(21) PCT/EP2004/005537

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 103 23 083.1 22 May/mai 2003 DE
(22.05.2003)(30) 103 43 412.7 19 Sep/sep 2003 DE
(19.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLIERS THAT CAN BE OPERATED
WITH ONE HAND
• PINCE POUVANT ETRE ACTIONNEE
D'UNE SEULE MAIN(71) KNIPEX-WERK C. GUSTAV PUTSCH
KG [DE/DE]; Oberkamper Strasse 13, 42349
Wuppertal (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PUTSCH, Ralf [—/DE]; Hastener
Strasse 140, 42349 Wuppertal (DE).(74) MÜLLER, Enno; Rieder & Partner, Cor-
neliusstrasse 45, 42329 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 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 B25B 9/00, B25J 7/00, 15/08

(11) WO 2004/103647 (13) A1

(21) PCT/JP2003/006516

(22) 26 May/mai 2003 (26.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC TWEEZERS
• PINCES TYPOGRAPHIQUES ELEC-
TRIQUES(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) MURAMATSU, Naoki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIYATA, Kaneo et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN JP KR US.

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

(51)⁷ B25C 5/02, 5/16

(11) WO 2004/103648 (13) A2

(21) PCT/GB2004/002199

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,854 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPRING ENERGIZED DESKTOP STAPLER

• AGRAFEUSE DE BUREAU A RESORT

(71) WORKTOOLS, INC. [US/US]; 20755 Plummer Street, Chatsworth, CA 91311 (US).

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

(71) HALEY, Stephen [GB/GB]; Gill Jennings & Every, Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(only for / seulement pour MN)

(72, 75) MARKS, Joel [US/US]; 20755 Plummer Street, Chatsworth, CA 91311 (US).

(74) GILL JENNING & 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 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 B25J 5/00, 17/00

(11) WO 2004/103649 (13) A1

(21) PCT/JP2003/006265

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CONTROLLING BACKLASH COMPENSATION, BACKLASH COMPENSATION CONTROLLER AND PROGRAM FOR CONTROLLING BACKLASH COMPENSATION

• PROCEDE DE REGLAGE DE RATRAPAGE DE JEU, CONTROLEUR DE RATRAPAGE DE JEU ET PROGRAMME

DE REGLAGE DE RATRAPAGE DE JEU

(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) JIANG, Shan [CN/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) YAMADA, Masaki et al. / etc.; Kosugi & Yamada, Pelican Building, 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) JP US.

(51)⁷ B25J 5/00

(11) WO 2004/103650 (13) A1

(21) PCT/JP2004/007064

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-141461 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LEGGED MOBILE ROBOT

• ROBOT MOBILE A PIEDS

(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) TAKEMURA, Yoshinari [JP/JP]; c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). HASEGAWA, Tadaaki [JP/JP]; c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). FUKUSHIMA, Takafumi [JP/JP]; c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) YOSHIDA, Yutaka; 816, Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B25J 13/08, G05B 19/18

(11) WO 2004/103651 (13) A1

(21) PCT/JP2000/002079

(22) 31 Mar/mar 2000 (31.03.2000)

(25) ja (26) ja

(30) 11-153158 1 Jun/juin 1999 JP (01.06.1999)

(30) 11-153263 1 Jun/juin 1999 JP (01.06.1999)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROL METHOD FOR COOPERATIVE OBJECT-CARRYING ROBOT AND DEVICE THEREFOR

• PROCEDE DE COMMANDE POUR ROBOT PORTEUR D'OBJET COOPERATIF ET DISPOSITIF ASSOCIE

(71, 72) ARAI, Hirohiko [JP/JP]; Mechanical Engineering Laboratory, Aist-miti, 1-2, Namiki, Tsukuba-shi, Ibaraki 305-8564 (JP). TANIE, Kazuo [JP/JP]; Mechanical Engineering Laboratory, Aist-miti, 1-2, Namiki, Tsukuba-shi, Ibaraki 305-8564 (JP). HAYASHIBARA, Yasuo [JP/JP]; Tooin University of Yokohama, 1614, Kurogane-cho, Aoba-ku, Yokohama-shi, Kanagawa 225-8502 (JP). SONODA, Yukinobu [JP/JP]; Fujitsu Shinjo-ryo 6, 364-1, Shibokuchi, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0023 (JP). TAKUBO, Tomohito [JP/JP]; University of Tsukuba, 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8573 (JP). (only for / seulement pour US)

(74) HAYASHI, Hiroshi et al. / etc.; Hayashi International Patent Office, Daiichi Taishotatemono Building, 9-12, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) US.

Published / Publiée : (e): 18Feb/fév 2003 (18.02.2003), 6522952

(51)⁷ B25J 15/00

(11) WO 2004/103652 (13) A2

(21) PCT/FR2004/001221

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/06078 21 May/mai 2003 FR (21.05.2003)

(30) 03/07261 17 Jun/juin 2003 FR (17.06.2003)

(30) 03/07381 19 Jun/juin 2003 FR (19.06.2003)

(30) 04/05115 12 May/mai 2004 FR (12.05.2004)

(30) 04/05116 12 May/mai 2004 FR (12.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GRIPPER ELEMENT FOR RETAINING A PART TO BE DISPLACED BY A MANIPULATOR, PROVIDED WITH A LAYERED STRUCTURE COMPRISING A BEAM ON WHICH CARRIER ARMS FOR A RETAINER HEAD ARE DISPOSED

• ORGANE PREHENSEUR POUR LA RETENUE D'UNE PIECE A DEPLACER PAR UN MANIPULATEUR, AGENCE EN STRUCTURE ETAGEE COMPRENANT UNE POUTRE SUR LAQUELLE SONT ARTICULES DES BRAS PORTEURS D'UNE TETE DE RETENUE

(71) SOCIETE AMG [FR/FR]; Zone Artisanale, F-27229 Grossoeuvre (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEVEU, Dominique [FR/FR]; 20, rue des Eglantines, F-27240 Creton (FR).

(74) **BURTIN, Jean-François**; Cabinet ARGOS INNOVATION & ASSOCIES, 55, rue Aristide Briand, F-93300 Levallois Perret 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 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 **B26B 21/44, A61K 7/15**

(11) **WO 2004/103653** (13) A1

(21) PCT/US2004/014877

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,037 **16 May/mai 2003** US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITION FOR SHAVING AID MATERIAL AND SHAVING AID CARTRIDGE FOR SHAVING AID MATERIAL

• COMPOSITION POUR UNE MATIERE D'AIDE AU RASAGE ET CARTOUCHE D'AIDE AU RASAGE POUR UNE MATIERE D'AIDE AU RASAGE

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).

(72) **SANDOR, James, A.**; 89 Hurd Road, Trumbull, CT 06611 (US). **DEFEO, Martha**; 170 Acorn Lane, Milford, CT 06460 (US). **ORLOFF, Glennis, J.**; 11 Maple Vale Drive, Woodbridge, CT 06525 (US). **MEHTA, Rooma, M.**; 47 Leighton Trail, Guilford, CT 06437 (US).

(74) **GETZ, Richard, D.**; 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 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).

Published / Publiée : (c)

(51)⁷ **B26B 25/00**

(11) **WO 2004/103654** (13) A1

(21) PCT/CA2004/000743

(22) **17 May/mai 2004 (17.05.2004)**

(25) en

(30) 10/443,615 **23 May/mai 2003** US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROTARY-TYPE CUTTING IMPLEMENT

• OUTIL DE COUPE ROTATIF

(71, 72) **CORNFIELD, Randall** [CA/CA]; 5516 Ashdale, Montreal, Quebec H4W 3G4 (CA). **JANKOVIC, Miodrag** [CA/CA]; 6024 38th avenue, Montreal, Quebec H1T 2X3 (CA).

(74) **TESSIER, Louis**; P.O. Box 54029, Town Mount Royal, Quebec H3P 3H4 (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 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).

Published / Publiée : (c)

(51)⁷ **B26D 7/10, 7/08**

(11) **WO 2004/103655** (13) A1

(21) PCT/EP2004/002871

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

(25) de (26) de

(30) 103 23 753.4 **22 May/mai 2003** DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LONGITUDINAL CUTTING MACHINE WITH A COOLED CUTTING BLADE

• DECOUPEUSE LONGITUDINALE A LAME REFROIDIE

(71) **DIENES WERKE FÜR MASCHINENTEILE GMBH & CO. KG** [DE/DE]; Kölner Strasse 7, 54191 Overath (DE).

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

(72, 75) **SUPE-DIENES, Rudolf** [DE/DE]; Rotter Weg 5, 51491 Overath (DE).

(74) **MÜLLER, Karl-Ernst** et al. / etc.; 22, Turmstrasse, 40878 Ratingen (DE).

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

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

(26) en

(51)⁷ **B26D 9/00, B23D 33/02, B26D 7/01, B23D 31/00**

(11) **WO 2004/103656** (13) A1

(21) PCT/AT2004/000181

(22) **25 May/mai 2004 (25.05.2004)**

(25) de (26) de

(30) A 809/2003 **26 May/mai 2003** AT (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR TRANSVERSALLY CUTTING SHEETS, IN PARTICULAR METAL OR PLASTIC SHEETS

• DISPOSITIF POUR COUPER TRANSVERSALEMENT DES BANDES, NOTAMMENT EN TÔLE OU EN PLASTIQUE

(71) **E-VENTURES BLECHSCHNITTSYSTEM GMBH** [AT/AT]; Kärntnerstrasse 355, A-8054 Graz (AT).

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

(72, 75) **KRASSER, Franz** [AT/AT]; Wieserstrasse 19, A-8541 Schwanberg (AT).

(74) **KOPECKY, Helmut** 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 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 **B27B 17/14**

(11) **WO 2004/103657** (13) A1

(21) PCT/JP2004/006847

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-142398 **20 May/mai 2003** JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTO CHAIN TENSIONER

• TENDEUR DE CHAÎNE AUTOMATIQUE

(71) **KOMATSU ZENOAH CO.** [JP/JP]; 9, Minamidai 1-chome, Kawagoe-shi Saitama, 3501192 (JP).

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

(72, 75) **SUGISHITA, Yuu** [JP/JP]; c/o Komatsu Zenoah Co. 9, Minamidai 1-chome, Kawagoe-shi Saitama, 3501192 (JP).

(74) **NOGUCHI, Takeo**; Mutsumi Int.Patent Bureau, Bandai Bld., 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B27D 05/00, B26B 17/00, 29/06

(11) WO 2004/103658 (13) A1

(21) PCT/EP2004/005261

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 203 08 339.3 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR THE CUTTING TO SIZE OF EDGE STRIPS

• DISPOSITIF POUR COUPER A LA LONGUEUR VOULUE DES BANDES DE CHANT

(71) REHAU AG + CO [DE/DE]; Rheniumhaus, 95111 Rehau (DE).

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

(72, 75) AFFELDT, Jens-Uwe [DE/DE]; Alter Weg 16, 08258 Breitenfeld (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B27K 7/00, B27J 5/00

(11) WO 2004/103659 (13) A1

(21) PCT/JP2003/006474

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CORK COVERED BODY AND METHOD OF MANUFACTURING THE CORK COVERED BODY

• CORPS RECOUVERT DE LIEGE ET SON PROCEDE DE FABRICATION

(71, 72) YAMASHITA, Koji [JP/JP]; B-101,22-8, Azamino 3-chome, Aoba-ku, Yokohama-Shi, Kanagawa 225-0011 (JP).

(74) NISHIMORI, Koji; AOI International Patent Firm, 401 kyodo Bldg. Akasaka,

3-1, Akasaka 4-chome, Minato-ku, Tokyo 107-0052 (JP).

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

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

(51)⁷ B27N 3/14

(11) WO 2004/103660 (13) A1

(21) PCT/SE2004/000762

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 0301481-8 22 May/mai 2003 SE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR CONTINUOUS FORMING OF MATS OF DIFFERENT WIDTHS OF MATERIAL

• PROCEDE ET DISPOSITIF SERVANT A FABRIQUER EN CONTINU DES MATS PRESENTANT DES LARGEURS DE MATERIAU DIFFERENTES

(71) METSO PAPER SUNDSVALL AB [SE/SE]; S-851 94 Sundsvall (SE).

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

(72, 75) LUNDGREN, Göran [SE/SE]; Metkroksvägen 2, S-865 91 Alnö (SE).

(74) LÖFGREN, Håkan 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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ B28B 1/52

(11) WO 2004/103661 (13) A1

(21) PCT/EP2004/005114

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 03011664.4 22 May/mai 2003 EP (22.05.2003)

(30) 03014707.8 27 Jun/juin 2003 EP (27.06.2003)

(30) 03029732.9 23 Dec/déc 2003 EP (23.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR ORIENTING MAGNETISABLE PARTICLES IN A KNEADABLE MATERIAL

• PROCEDE ET DISPOSITIF POUR ORIENTER DES PARTICULES MAGNETISABLES DANS UNE MATIERE PATEUSE

(71) BAKKER HOLDING SON B.V. [NL/NL]; Sciencepark Eindhoven 5502, NL-5692 EL Son (NL).

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

(72, 75) ZHANG, Shunli [CN/NL]; Bergerhei 38, NL-5508 VD Veldhoven (NL).

(74) COHAUSZ & FLORACK (24); Bleichstr. 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ B28B 21/18, 21/20, 21/56

(11) WO 2004/103662 (13) A1

(21) PCT/EP2004/004266

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) BZ2003A000030 21 May/mai 2003 IT (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE PRODUCTION OF CONTAINERS AND TUBES WITH COMPLETELY SEALED WALLS

• PROCEDE ET DISPOSITIF DE FABRICATION DE CONTENANTS ET DE TUBES A PAROIS PARFAITEMENT ETANCHES

(71, 72) SCARAFONI, Verio [IT/IT]; Corso Libertà, 15, I-93100 Bolzano (IT).

(74) **OBERSLER, Ludwig**; der Oberosler SAS, Via Dante 20/A CP 307, I-39100 Bolzano (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)⁷ **B28C 5/16**

(11) **WO 2004/103663** (13) A1

(21) PCT/JP2004/007323

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-148201 **26 May/mai 2003 (26.05.2003)** JP

(30) 2003-209461 **29 Aug/août 2003 (29.08.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MIXER, MIXING METHOD, AND METHOD OF PRODUCING GYPSUM BOARD

• MELANGEUR, PROCEDE DE MELANGE ET PROCEDE SERVANT A PRODUIRE UNE PLAQUE DE GYPSE

(71) **YOSHINO GYPSUM CO., LTD.** [JP/JP]; Shin-Tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

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

(72, 75) **NAKAMURA, Wataru** [JP/JP]; c/o YOSHINO GYPSUM CO., LTD., Chiba II Plant, 52, Minamisode, Sodegaura-shi, Chiba, 2990268 (JP). **HIROOKA, Yuichi** [JP/JP]; c/o YOSHINO GYPSUM CO., LTD., Mikawa Plant, 4-35, Akemi-cho, Toyohashi-shi, Aichi, 4418074 (JP).

(74) **SHIMAZOE, Yoshihiko**; Kyodo Bldg. Room No.41, 2-17, Sotokanda 2-chome, Chiyoda-ku, Tokyo, 1010021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B29B 15/12, 15/10, B29C 70/50, B23D 61/18**

(11) **WO 2004/103664** (13) A1

(21) PCT/CH2004/000311

(22) **21 May/mai 2004 (21.05.2004)**

(25) de (26) de

(30) 0931/03 **23 May/mai 2003 (23.05.2003)** CH

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING COMPRESSED PLASTIC-COATED FIBRE STRANDS

• PROCEDE DE FABRICATION DE FAISCEAUX DE FIBRES COMPRIMES, REVETUS DE PLASTIQUE

(71) **NEOPREG AG** [CH/CH]; Ribistrasse 5, CH-4460 Gelterkinden (CH).

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

(72, 75) **STÄHELI, Theo** [CH/CH]; Ribistrasse 5, CH-4460 Gelterkinden (CH).

(74) **BRAUN, André**; Braun & Partner, Reussstrasse 22, CH-4054 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 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 **B29C**

(11) **WO 2004/103665** (13) A2

(21) PCT/EP2004/005649

(22) **26 May/mai 2004 (26.05.2004)**

(25) de (26) de

(30) 103 24 141.8 **26 May/mai 2003 (26.05.2003)** DE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE PRODUCTION OF A FIBRE COMPOSITE MATERIAL COMPONENT AND INTERMEDIATE PRODUCT FOR SUCH A METHOD

• PROCEDE DE PRODUCTION D'UNE PIECE ET PRODUIT INTERMEDIAIRE POUR LA MISE EN OEUVRE DUDIT PROCEDE

(71) **EUROCOPTER DEUTSCHLAND GMBH** [DE/DE]; Industriestrasse 4, 86609 Donauwörth (DE).

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

(72, 75) **NOWACKI, Jan** [DE/DE]; Promenade 43, 86609 Donauwörth (DE). **WEIMER, Jan** [DE/DE]; Hauptstrasse 52, 67715 Geiselberg (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 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 **B29C**

(11) **WO 2004/103666** (13) A2

(21) PCT/US2004/014720

(22) **11 May/mai 2004 (11.05.2004)**

(25) en (26) en

(30) 10/438,224 **14 May/mai 2003 (14.05.2003)** US

(30) 10/437,476 **14 May/mai 2003 (14.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD, SYSTEM, HOLDER AND ASSEMBLY FOR TRANSFERRING TEMPLATES DURING IMPRINT LITHOGRAPHY PROCESSES

• PROCEDE, SYSTEME, SUPPORT, ET ENSEMBLE POUR LE TRANSFERT DE GABARITS PENDANT LES TRAITEMENTS DE LITHOGRAPHIE D'EMPREINTES

(71) **MOLECULAR IMPRINTS, INC.** [US/US]; 1807-C West Braker Lane, Suite 100, Austin, TX 78758-3605 (US).

(72) **MEISSL, Mario, J.**; 7401 N. Lamar Blvd. #201, Austin, TX 78752-2344 (US). **CHOI, Byung-Jin**; 1634 Jerusalem Drive, Round Rock, TX 78664-8620 (US). **BABBS, Daniel, A.**; 2008 Mistywood Drive, Austin, TX 78746-7808 (US). **BAILEY, Hillman, L.**; 300 Stirrup Drive, Dripping Springs, TX 78620-2722 (US).

(74) **BROOKS, Kenneth, C.**; Molecular Imprints, Inc., Legal Department, P.O. Box 81536, Austin, TX 78708-1536 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B29C**

(11) **WO 2004/103667** (13) A2

(21) PCT/US2004/015153

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

- (30) 10/434,078 **14 May/mai 2003** US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PERMANENT COLORED MARKINGS ON MEDICAL DEVICES
- MARQUAGES COLORES PERMANENTS SUR DISPOSITIFS MEDICAUX
- (71) SDGI HOLDINGS, INC. [US/US]; Suite 508, 300 Delaware Avenue, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOODRICH, David, A. [US/US]; 2810 Live Oak Drive, Grapevine, TN 76051 (US).
- (74) ARNOLD, Trevor, D. 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 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).

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 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)

(t) for all designations / pour toutes les désignations

- (51)⁷ B29C
- (11) WO 2004/103668 (13) A2
- (21) PCT/US2004/016001
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/472,550 **21 May/mai 2003** US
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CO-INJECTION NOZZLE WITH IMPROVED INTERIOR LAYER TERMINATION AND METHOD OF USING SAME
- BUSE DE CO-INJECTION REVETUE D'UNE COUCHE INTERIEURE DE FINITION AMELIOREE ET PROCEDE D'UTILISATION DE LA BUSE
- (71) KORTEC, INC. [US/US]; 29 Old Right Road, Ipswich, MA 01938 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SABIN, Douglas [US/US]; 52 Rockaway Avenue, Marblehead, MA 01945 (US).
SWENSON, Paul [US/US]; 109 Blueberry Lane, South Hamilton, MA 01982 (US).
- (74) LAURENTANO, Anthony, A. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B29C

- (11) WO 2004/103669 (13) A2
- (21) PCT/US2004/016009
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 60/472,220 **21 May/mai 2003** US
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CLOSED LOOP OVEN CONTROL SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE COMMANDE DE FOUR EN BOUCLE FERMEE
- (71) BROWN MACHINE, LLC. [US/US]; P.O. Box 434, Beaverton, MI 48612 (US).
- (72, 75) KEELEY, Stephen [US/US]; 8600 S. Cornwell Ave., Claire, MI 48617 (US).
- (74) BENEFIEL, John, R.; 280 Daines Street, Suite 100 B, 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 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 B29C

- (11) WO 2004/103670 (13) A2
- (21) PCT/US2004/016182
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 60/472,179 **20 May/mai 2003** US
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • APPARATUS AND METHOD FOR FLUID DISTRIBUTION
- APPAREIL ET PROCEDE DE REPARTITION DE FLUIDE
- (71) KORTEC, INC. [US/US]; Cummings Center #128Q, Beverly, MA 01915 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SABIN, Doug [US/US]; 52 Rockaway Avenue, Marblehead, MA 01945 (US).
SWENSON, Paul [US/US]; 109 Blueberry Lane, So. Hamilton, MA 01982 (US).
- (74) LAURENTANO, Anthony, A. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B29C 33/38, G03F 1/00

- (11) WO 2004/103671 (13) A1
- (21) PCT/JP2004/007320
- (22) 21 May/mai 2004 (21.05.2004)
- (25) ja (26) ja
- (30) 2003-146741 **23 May/mai 2003** JP
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF DECORATING SURFACE OF MOLD AND MOLD
- PROCEDE DE DECORATION DE LA SURFACE D'UN MOULE ET MOULE AINSI DECORE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOKURA, Kunihiko [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). URYU, Masaru [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 B29C 35/04, B29D 30/06 // B29L 30:00

(11) WO 2004/103672 (13) A1

(21) PCT/JP2004/006039

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-121435 25 Apr/avr 2003 JP
(25.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GAS CYCLE DEVICE FOR TIRE-VUL-
CANIZING MACHINE

• DISPOSITIF A CYCLE GAZEUX POUR
MACHINE DE VULCANISATION DE
PNEUMATIQUE

(71) ICHIMARU GIKEN CO., LTD. [JP/JP];
601, Oaza Tsunemochi, Chikugo-shi,
Fukuoka 833-0016 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ICHIMARU, Hironobu [JP/JP];
c/o Ichimaru Giken Co., Ltd., 601,
Oaza Tsunemochi, Chikugo-shi, Fukuoka
833-0016 (JP).

(74) HIRATA, Yoshinori; 7-25, Nishijin
1-chome, Sawara-ku, Fukuoka-shi, Fukuoka
814-0002 (JP).

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

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 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)

(u) for / pour US only / seulement

(51)⁷ B29C 43/00, D04H 1/00 // 3/16, B32B
31/00

(11) WO 2004/103673 (13) A2

(21) PCT/GB2004/002184

(22) 21 May/mai 2004 (21.05.2004)

(25) en

(30) 0311819.7 22 May/mai 2003 GB
(22.05.2003)

(30) 03253211.1 25 May/mai 2003 EP
(25.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR FABRICATING POLY-
MERIC ARTICLES

• PRODEDE POUR FABRIQUER DES
ARTICLES POLYMERES

(71) BTG INTERNATIONAL LIMITED
[GB/GB]; 10 Fleet Place, Limeburner Lane,
London EC4M 7SB (GB).

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

(72, 75) WARD, Ian, MacMillan [GB/GB];
2 Creskeld Drive, Kirsill, Bramhope,
Leeds LS16 9EL (GB). HINE, Peter, John
[GB/GB]; 110 Bentley Lane, Meanwood,
Leeds LS6 4AJ (GB). NORRIS, Keith
[GB/GB]; 22 Craven Drive, Silsden, Keigh-
ley BD20 0HQ (GB).

(74) BINGHAM, Ian, Mark; BTG International
Limited, 10 Fleet Place, Limeburner Lane,
London EC4M 7SB (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 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 B29C 43/42, 43/50, 49/02

(11) WO 2004/103674 (13) A1

(21) PCT/EP2004/005276

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) RE2003A000050 20 May/mai 2003 IT
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR
COMPRESSION MOULDING PRE-
FORMS FOR SYNTHETIC RESIN
CONTAINERS

• PROCEDE ET APPAREIL PERMET-
TANT LE MOULAGE PAR COMPRES-
SION DE PREFORMES DESTINEES A
FORMER DES RECIPIENTS EN RE-
SINE SYNTHETIQUE

(71) SACMI-COOPERATIVA MECCANICI
IMOLA-SOC. COOP. A R.L. [IT/IT];
17/A, Via Selice Provinciale, I-40026 Imola
(Bologna) (IT).

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

(72, 75) BELTRANDI, Dario [IT/IT]; Via Gher-
ardi, 10, I-40026 Imola (Bologna) (IT).
BALBONI, Alessandro [IT/IT]; 10, Via
Budapest, I-40057 Granarolo Dell'Emilia
(Bologna) (IT). PARRINELLO, Fiorenzo

[IT/IT]; 122/A, Via Zanardi, I-40059 Medic-
ina (Bologna) (IT). ZUFFA, Zeno [IT/IT];
6, Via Raggi, I-40021 Borgo Tossignano
(Bologna) (IT).

(74) CORRADINI, Corrado et al. / etc.; 4, Via
Dante Alighieri, I-42100 Reggio Emilia (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 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).

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 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 B29C 44/02, 51/02, 67/20

(11) WO 2004/103675 (13) A1

(21) PCT/US2004/015246

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,477 17 May/mai 2003 US
(17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF PRODUCING THERMO-
FORMED ARTICLES FROM GAS IM-
PREGNATED POLYMER

• PROCEDE DE PRODUCTION
D'ARTICLES THERMOFORMES A
PARTIR DE POLYMERES IMPREGNE
DE GAZ

(71) MICROGREEN POLYMERS, INC.
[US/US]; 8316 272nd Street N.W., Stan-
wood, WA 98292 (US).

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

(71, 72) BRANCH, Gregory, L. [US/US]; 8316
272nd Street N.W., Stanwood, WA 98292
(US). WARDLE, Trevor [CA/US]; 4905
Robinhood Drive, Ashland, KY 41101 (US).

(74) CLAIBORNE, Anthony; Claiborne Patent
Law Services, 849 136th Ave. N.E., Bellevue,
WA 98005 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ B29C 45/00, 45/16, 45/04

(11) WO 2004/103676 (13) A2

(21) PCT/EP2004/050891

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 2003 0910/03 22 May/mai 2003 CH (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF MULTI-PART OBJECTS

• PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DES OBJETS COMPORTANT PLUSIEURS PARTIES

(71) FOBOHA GMBH FORMENBAU [DE/DE]; Im Mühlegrün 8, 77716 Haslach (DE).

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

(72, 75) ARMBRUSTER, Rainer [DE/DE]; Ziegelmattle 1, 77709 Wolfach (DE).

(74) RENTSCH, Rudolf, c/o IP & T Rentsch und Partner, Postfach 2441, CH-8022 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 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 B29C 45/00, 45/14, 71/04, 70/78

(11) WO 2004/103677 (13) A1

(21) PCT/US2004/015271

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,148 16 May/mai 2003 US (16.05.2003)

(30) 10/840,958 7 May/mai 2004 US (07.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PREPARING UV CURABLE SEALING ASSEMBLIES

• PROCEDE DE PREPARATION D'ENSEMBLES D'ETANCHEITE DURCISSABLES AUX UV

(71) DUPONT DOW ELASTOMERS L.L.C. [US/US]; 300 BELLEVUE PARK WAY, Wilmington, Delaware 19809 (US).

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

(72, 75) GOTTLIEB, Mark, Bernard [LU/FR]; 48, Rue des cheminets, F-FR-01630 St. Genis-Pouilly (FR). RUEPPING, Christian [DE/CH]; 276, Route de Thonon, CH-1246 Corsier/GE (CH).

(74) BROMELS, Marilyn, H.; Dupont Dow Elastomers LLC., 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 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).

Published / Publiée : (c)

(51)⁷ B29C 45/14

(11) WO 2004/103678 (13) A1

(21) PCT/CH2004/000310

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 916/03 22 May/mai 2003 CH (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING A PREFORM BY OVERMOULDING A FLAT DECORATIVE MATERIAL WITH AN

INTEGRATED DECORATIVE MATERIAL

• PROCEDE DE FABRICATION D'UN CORPS MOULE PAR SURMOULAGE D'UN ELEMENT DECORATIF ET AU MOYEN D'UN ELEMENT DECORATIF INTEGRE

(71) WEIDMANN PLASTICS TECHNOLOGY AG [CH/CH]; Neue Jonastrasse 60, CH-8640 Rapperswil (CH).

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

(72, 75) BUTZEK, Jochen [DE/CH]; Seehofstrasse 16, CH-8645 Jona (CH).

(74) GRONER, Manfred; Isler & Pedrazzini 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 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 B29C 45/14

(11) WO 2004/103679 (13) A1

(21) PCT/EP2004/004829

(22) 6 May/mai 2004 (06.05.2004)

(25) de (26) de

(30) 103 22 622.2 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATED DELIVERY OF FUNCTIONAL ELEMENTS IN PLASTIC MOLDS

• ALIMENTATION AUTOMATIQUE D'ELEMENTS FONCTIONNELS DANS DES MOULES EN PLASTIQUE

(71) MENZOLIT FIBRON GMBH [DE/DE]; Hermann-Beuttenmüller-Str. 11-13, 75015 Bretten (DE).

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

(72, 75) KOCH, Marcus [DE/DE]; Ruppurrer Strasse 14, 76137 Karlsruhe (DE). GESCHWILL, Oliver [DE/DE]; Hofstr. 24, 68782 Brühl (DE).

(74) SCHERZBERG, Andreas; 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 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 B29C 45/14

(11) WO 2004/103680 (13) A1

(21) PCT/EP2004/005259

(22) 15 May/mai 2004 (15.05.2004)

(25) de (26) de

(30) 103 23 480.2 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRODUCTION OF HYBRID COMPONENTS BY INSERT INJECTION MOULDING, USING PLASMA-TREATED INSERTS

• PRODUCTION DE COMPOSANTS HYBRIDES PAR MOULAGE PAR INJECTION A L'AIDE D'INSERTS TRAITES AU PLASMA

(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) LANGE, Christoph [DE/DE]; Zum Kalvarienberg 4, 86250 Altomünster (DE). GRUBER, Marco [DE/DE]; Gustav-Otto-Bogen 5, 80997 München (DE). MITZLER, Jochen [DE/DE]; Moriweg 15, 85221 Dachau (DE). HUNOLD, Deitrich [DE/DE]; Walhallastr. 19, 80639 München (DE).

(74) WILHELM, Ludwig; mpm consulting & Services GmbH - FS-, Krauss-Maffei Str. 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 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 B29C 45/18, 45/17, B29B 13/06, B29C 47/10

(11) WO 2004/103681 (13) A1

(21) PCT/FR2004/001123

(22) 7 May/mai 2004 (07.05.2004)

(25) fr (26) fr

(30) 03/06085 21 May/mai 2003 FR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF POLYETHYLENE TEREPHTHALATE PREFORMS

• PROCEDE ET DISPOSITIF DE PRODUCTION DE PREFORMES EN POLYETHYLENE TEREPHTHALATE

(71) L'AIR LIQUIDE SA [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAMES-LANGLADE, Géraldine [FR/FR]; 66, rue Rieussec, F-78220 Viroflay (FR). BENJAMIN, Yves [FR/FR]; 14, rue de la Côte, F-57700 Hayange Marspich (FR).

(74) MELLUL-BENDELAC, Sylvie et al. / etc.; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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

Published / Publiée : (c)

(51)⁷ B29C 45/70, 45/14, 45/26

(11) WO 2004/103682 (13) A1

(21) PCT/JP2004/001404

(22) 10 Feb/fév 2004 (10.02.2004)

(25) ja (26) ja

(30) 2003-144861 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MOLDING METHOD, DIE FOR MOLDING, MOLDED ARTICLE, AND MOLDING MACHINE

• PROCEDE ET MACHINE DE MOULAGE, MATRICE ET ARTICLE MOULE

(71) SUMITOMO HEAVY INDUSTRIES, LTD. [JP/JP]; 9-11, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKIGAWA, Naoki [JP/JP]; 313-63, Warabi, Yotsukaido-shi, Chiba 284-0044 (JP).

(74) AOKI, Toshiaki; Ohzono Bldg., 7-10, Kandamitoshirocho, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 47/88, 59/04, G02B 3/00 // B29L 7:00, 11:00

(11) WO 2004/103683 (13) A1

(21) PCT/JP2004/006964

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145786 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING OPTICAL SHEET AND OPTICAL SHEET

• PROCEDE DE PRODUCTION D'UNE FEUILLE OPTIQUE ET FEUILLE OPTIQUE

(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) HONDA, Makoto [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 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 B29C 47/90

(11) WO 2004/103684 (13) A1

(21) PCT/EP2004/005024

(22) 11 May/mai 2004 (11.05.2004)

(25) de (26) de

(30) 103 23 543.4 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CALIBRATING DEVICE

• DISPOSITIF DE CALIBRAGE

(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) **STIEGLITZ, Henning** [DE/DE]; Eglofstrasse 20, 81247 München (DE). **ALTMANN, Aron** [DE/DE]; Buchengasse 19, 85221 Dachau (DE).

(74) **ZOLLNER, Richard**; mpm consulting & Services GmbH - FS -, Krauss-Maffei Str. 2, 80997 München (DE).

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

Published / Publiée : (c)

(51)⁷ **B29C 59/02, A44B 18/00**

(11) **WO 2004/103685** (13) A1

(21) PCT/US2004/010139

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 10/438,082 **14 May/mai 2003** US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **WIRE WOUND TOOLING**

• **USINAGE AU MOYEN DE FILS EN-ROULÉS**

(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) **GORMAN, Michael, R.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **KAMPFER, Robert, D.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LALIBERTE, Thomas, R.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BOND, William, J. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 **B29C 63/00**

(11) **WO 2004/103686** (13) A1

(21) PCT/EP2004/005297

(22) **17 May/mai 2004 (17.05.2004)**

(25) de (26) de

(30) 203 08 044.0 **22 May/mai 2003** DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PRESSING DEVICE**

• **DISPOSITIF DE COMPRESSION**

(71) **PAUL OTT GMBH** [AT/AT]; Carl-von-Linde-Strasse 12, A-4650 Lambach/OÖ (AT).

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

(72, 75) **PITTRICH, Gerhard** [AT/AT]; Schallerbacher Str. 62, A-4702 Wallern an der Trattnach (AT). **KASER, Hans** [AT/AT]; Nr.38, A-4671 Aichkirchen (AT).

(74) **HANO, Christian et al.** / etc.; V. Fünfer Ebbinghaus Finck Hano, Mariahilfplatz 2 & 3, 81517 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 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 **B29C 67/22, 44/10**

(11) **WO 2004/103687** (13) A1

(21) PCT/GB2004/002178

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 0311494.9 **20 May/mai 2003** GB (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MAKING FOAMED BODIES**

• **FABRICATION DE CORPS ALVEOLES**

(71) **STANELCO RF TECHNOLOGIES LTD** [GB/GB]; Starpol Technology Centre, North Road, Marchwood Industrial Park, Marchwood, Southampton SO40 4BL (GB).

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

(72, 75) **BALCHIN, Ian, Henry** [GB/GB]; 4 Barley Close, Wallingford, Oxfordshire OX10 9BX (GB). **FEAST, Michael, Alan, John** [GB/GB]; 6 Heathfield Road, Chandlers Ford, Eastleigh, Hampshire SO53 5RR (GB). **GRIMES, Ryan** [GB/GB]; Glenrose, Gordon Road, Curdridge, Southampton, Hampshire SO32 2BE (GB).

(74) **MANSFIELD, Peter, Turquand et al.** / etc.; Accentus plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0QJ (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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ **B29D 30/26, 30/30**

(11) **WO 2004/103688** (13) A1

(21) PCT/JP2004/006642

(22) **18 May/mai 2004 (18.05.2004)**

(25) ja (26) ja

(30) 2003-142494 **20 May/mai 2003** JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF PRODUCING PNEUMATIC RADIAL TIRE**

• **PROCEDE DE PRODUCTION D'UN PNEU RADIAL**

(71) **THE YOKOHAMA RUBBER CO.,LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo, 1058685 (JP).

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

(72, 75) **HIGUCHI, Tadashi** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa, 2548601 (JP). **HASHIMURA, Yoshiaki** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa, 2548601 (JP).

(74) **OGAWA, Shin-ichi et al.** / etc.; Ogawa, Noguchi & Saika International Patent Office, Toranomon 11 Mori Building, 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 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 **B30B 1/26, 1/28, 11/02, F16H 53/04**

(11) **WO 2004/103689** (13) A1

(21) PCT/FR2004/001251

(22) **19 May/mai 2004 (19.05.2004)**

(25) fr (26) fr

(30) 03/06032 **20 May/mai 2003 FR**
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSTALLATION FOR THE PRODUCTION OF A SOLID PRODUCT FROM A POWDERED MATERIAL

• INSTALLATION POUR LA REALISATION D'UN PRODUIT SOLIDE A PARTIR D'UN MATERIAU PULVERULENT

(71) MEDELCO [FR/FR]; 33, avenue Arsène d'Arsonval, F-01000 Bourg en Bresse (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERCADO, Henri [FR/FR]; 220, rue Clément Ader, F-01000 Saint Denis les Bourg (FR).

(74) VUILLERMOZ, Bruno et al. / etc.; Cabinet Laurent & Charras, 20, rue Louis Chirpaz, BP 32, F-69131 Ecully (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B30B 11/02, 11/14, B65B 1/24**

(11) **WO 2004/103690** (13) A1

(21) PCT/IB2004/001618

(22) **19 May/mai 2004 (19.05.2004)**

(25) it (26) en

(30) MI2003A001037 **23 May/mai 2003 IT**
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR MOULDING COSMETIC PRODUCTS

• PROCEDE ET APPAREIL DE MOULAGE DE PRODUITS COSMETIQUES

(71) GAMMA CROMA S.P.A. [IT/IT]; Via Brera, 6, I-20121 Milan (IT).

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

(72, 75) ANCOROTTI, Renato [IT/IT]; Via Mazzini, 39, I-26013 Crema (IT). GANDINI, Luigi [IT/IT]; Via Gramsci 18, I-20040 Cavenago di Brianza (IT).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B30B 15/02, 15/34**

(11) **WO 2004/103691** (13) A1

(21) PCT/JP2004/006443

(22) **13 May/mai 2004 (13.05.2004)**

(25) ja (26) ja

(30) 2003-147667 **26 May/mai 2003 JP**
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHEET FOR THERMAL PRESSING

• FEUILLE DE PRESSION THERMIQUE

(71) YAMAUCHI CORPORATION [JP/JP]; 7, Shodai-tajika 2-chome, Hirakata-shi, Osaka, 5731132 (JP).

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

(72, 75) HOSHINO, Shigeo [JP/JP]; c/o YAMAUCHI CORPORATION, 7, Shodai-tajika 2-chome, Hirakata-shi, Osaka, 5731132 (JP).

(74) ITOH, Hidehiko et al. / etc.; IMY INTERNATIONAL PATENT OFFICE, Kyowa Shimanouchi Bldg., 21-19, Shimanouchi 1-chome, Chuoh-ku, Osaka-shi, Osaka, 5420082 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 **B30B 15/16**

(11) **WO 2004/103692** (13) A1

(21) PCT/DE2004/001014

(22) **14 May/mai 2004 (14.05.2004)**

(25) de (26) de

(30) 103 22 169.7 **16 May/mai 2003 DE**
(16.05.2003)

(30) 10 2004 005 020.1 **30 Jan/jan 2004 DE**
(30.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDRAULIC DRIVE

• ENTRAINEMENT HYDRAULIQUE

(71) BOSCH REXROTH AG [DE/DE]; Heidehofstr. 31, 70184 Stuttgart (DE).

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

(72, 75) SCHMIDT, Stefan [DE/DE]; Glöserwiesenweg 6, 97816 Lohr am Main (DE). HEIDENFELDER, Rolf [DE/DE]; Am Sandrain 1, 97840 Hafenlohr (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE; Bavariaring 10, 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 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).

Published / Publiée : (c)

(51)⁷ **B32B**

(11) **WO 2004/103693** (13) A2

(21) PCT/US2004/014753

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 10/437,276 **12 May/mai 2003 US**
(12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLOOR TILE COATING METHOD AND SYSTEM

• SYSTEME ET PROCEDE POUR RECOUVRIRE DES CARREAUX DE SOL

(71) SPORT COURT, INC. [US/US]; 939 South 700 West, Salt Lake City, UT 84104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FORSTER, Cheryl [US/US]; 3680 East Ceres Drive, Salt Lake City, UT 84124 (US). CARLING, Jason, D. [US/US]; 7544 South 2920 West, West Jordan, UT 84048 (US).

(74) MCKINNEY, David, R. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B32B 1/08, F16L 11/02, D06M 17/00

(11) WO 2004/103694 (13) A1

(21) PCT/AU2004/000704

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902614 26 May/mai 2003 AU
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WOVEN FABRIC AND MANUFACTURE THEREOF
• TEXTILE TISSE ET SON PROCEDE DE FABRICATION

(71) GALE PACIFIC LIMITED [AU/AU]; 145 Woodlands Drive, Braeside, Victoria 3195 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NASARCZYK, Andrew [AU/AU]; 145 Woodlands Drive, Braeside, Victoria 3195 (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 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 B32B 3/04, F16L 59/02, F02B 77/11

(11) WO 2004/103695 (13) A1

(21) PCT/US2004/014822

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/440,282 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FOLDABLE INSULATING ELEMENT FOR ENGINE COVER
• ELEMENT ISOLANT PLIANT POUR CACHE MOTEUR

(71) OWENS CORNING [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TILTON, Jeffrey, A. [US/US]; 7904 Sutherland Farm Road, Prospect, KY 40059 (US). SCHUTTE, Stephen, A. [US/US]; 786 Island Court, Columbus, OH 43214 (US). POOLE, Paul, W. [US/US]; 16936 Hampton Crossing Drive, Huntersville, NC 28078 (US). WALSH, Eric, S. [US/US]; 412 Springbrook Court, Joeltown, TN 37080 (US). CANADY, Felton [US/US]; 330 20th Street Northeast, Cleveland, TN 37312 (US). HERREMAN, Kevin, M. [US/US]; 1300 Sequoia Lane, Heath, OH 43056 (US).

(74) GASAWAY, Maria, C. et al. / etc.; Owens Corning Science & Technology Center, 2790 Columbus Road, Bldg. 11-7, Granville, OH 43023-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B32B 15/01, B23K 35/28, C22C 05/02, 19/03

(11) WO 2004/103696 (13) A1

(21) PCT/US2004/014546

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/438,985 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD FOR BRAZING METAL COMPONENTS
• PROCEDE DE BRASAGE DE COMPOSANTS METALLIQUES

(71) PRAXAIR S. T. TECHNOLOGY, INC. [US/US]; 441 Sackett Point Road, North Haven, CT 06473 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDIN, Thomas, A. [US/US]; 807 Bain Place, Redwood City, CA 94062 (US).

(74) COON, Gerald, L. et al. / etc.; Praxair, Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).

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

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 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)

(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 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 B32B 15/08

(11) WO 2004/103697 (13) A1

(21) PCT/JP2004/007306

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144988 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LAMINATED METAL SHEET FOR CAN
• FEUILLE METALLIQUE STRATIFIEE POUR BOITE METALLIQUE

(71) JFE STEEL CORPORATION [JP/JP]; 2-3, Uchisaiwaicho 2-chome., Chiyoda-ku., Tokyo 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Takeshi [JP/JP]; c/o Intellectual Property Dept., JFE Steel Corporation 2-3, Uchisaiwaicho 2-chome., Chiyoda-ku., Tokyo 1000011 (JP). IWASA, Hiroki [JP/JP]; c/o Intellectual Property Dept., JFE Steel Corporation 2-3, Uchisaiwaicho 2-chome., Chiyoda-ku., Tokyo 1000011 (JP). NISHIHARA, Hideki [JP/JP]; c/o Intellectual Property Dept., JFE Steel Corporation 2-3, Uchisaiwaicho 2-chome., Chiyoda-ku., Tokyo 1000011 (JP). CHINO, Atsushi [JP/JP]; c/o Intellectual Property Dept., JFE Steel Corporation 2-3, Uchisaiwaicho 2-chome., Chiyoda-ku., Tokyo 1000011 (JP).

(74) OCHIAI, Kenichiro; c/o Intellectual Property Dept., JFE Steel Corporation 2-3, Uchisaiwaicho 2-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 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 B32B 21/00, E04F 15/04

(11) WO 2004/103698 (13) A1

(21) PCT/EP2004/005378

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03445063.5 23 May/mai 2003 EP
(23.05.2003)

(30) 60/472,783 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR PRODUCING A LAY-
ERED MATERIAL AND A LAYERED
MATERIAL

- PROCEDE POUR PRODUIRE UNE MA-
TIERE EN COUCHES ET MATIERE EN
COUCHES

(71) COVERIGHT SURFACES SWEDEN AB
[SE/SE]; P.O. Box 11500 (Sickla Industriväg
6), S-100 61 Stockholm (SE).

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

(72, 75) BISCHOFF, Monika, Barbara
[DE/DE]; Mohnstrasse 5, 47269 Duisburg
(DE). BRUNS, Alexandra [DE/DE]; Kon-
sumstrasse 4a, 44809 Bochum (DE). GUTH,
Michael [DE/DE]; Steinstrasse 38, 47178
Duisburg (DE). HEMEL, Constantijn,
Bernardus [NL/DE]; Rehstrasse 7, 40459
Essen (DE). KRÖNKE, Thomas, Gerhard,
Willi [DE/DE]; Laakmannbusch 44, 42555
Velbert (DE). THEWS, Thomas [DE/DE];
Herscheider Landstrasse 53, 58511 Lüden-
scheid (DE). WENTZEL, Detlef, Andreas
[DE/DE]; Marienbergstrasse 65, 45257 Essen
(DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstr.
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 DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B32B 27/00

(11) WO 2004/103699 (13) A2

(21) PCT/US2004/015177

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,215 16 May/mai 2003 US
(16.05.2003)

(30) 60/500,886 5 Sep/sep 2003 US
(05.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COMPOSITE PLASTIC MATERIAL

- MATERIAU PLASTIQUE COMPOSITE

(71) GARLOCK SEALING TECHNOLO-
GIES, INC. [US/US]; 1666 Division Street,
Palmyra, NY 14522 (US).

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

(72, 75) HAMMAR, Jarod, R. [US/US]; 17
Great Garland Rise, Fairport, NY 14450
(US). PITOLAJ, Stefan [US/US]; 3248
Woodfield Dr., Walworth, NY 14568 (US).

(74) GALINSKI, Todd, W. et al. / etc.; Kilpatrick
Stockton LLP, 1001 West Fourth Street, Win-
ston-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 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 B32B 27/04, B44C 5/04

(11) WO 2004/103700 (13) A1

(21) PCT/NL2004/000363

(22) 21 May/mai 2004 (21.05.2004)

(25) nl (26) en

(30) 1023515 23 May/mai 2003 NL
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DECORATIVE PANEL FOR OUTDOOR
USE AND METHOD FOR MANUFAC-
TURING THE SAME

- PANNEAU DECORATIF POUR UTILI-
SATION EXTERIEURE ET SON PRO-
CEDE DE FABRICATION

(71) TRESPA INTERNATIONAL B.V.
[NL/NL]; Wetering 20, NL-6002 SM Weert
(NL).

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

(72, 75) RASMUSSEN, Gustav, Dennis
[NL/NL]; Blekerstraat 91, NL-6006
NV Weert (NL). HODGSON, Marcelle
[NL/NL]; Cognachof 6, NL-5627 LD Eind-
hoven (NL). VONCKEN, Hendrikus,
Hubertus, Gerardus [NL/NL]; Dross. De
Sauvetstraat 32, NL-6181 ES Elseloo (NL).

(74) PIOT, Etienne, Louis, Christiaan 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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B32B 27/08, 27/32, C08L 51/06, C08K
5/098, A23L 3/3436

(11) WO 2004/103701 (13) A1

(21) PCT/US2004/015493

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/440,657 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • POLYPROPYLENE-GRAFT-ACRYLIC
ACID OR POLYPROPYLENE-GRAFT-
MALEIC ANHYDRIDE IN OXYGEN
SCAVENGING TIE LAYERS

- ACIDE POLYPROPY-
LENE- <I>GREFFE </I>-ACRYLIQUE
OU ANHYDRIDE POLYPROPY-
LENE- <I>GREFFE </I>-MALEIQUE
DANS DES COUCHES DE LIAISON
DE PIEGEAGE D'OXYGENE

(71) CHEVRON PHILLIPS CHEMICAL
COMPANY LP [US/US]; 10001 Six Pines
Drive, The Woodlands, TX 77387-4910 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) CHING, Ta, Yen; 10326 Ripple Lake Drive,
Houston, TX 77065 (US). SOLIS, James, A.;
6254 25th Street, Groves, TX 77619 (US).
YANG, Hu; 360 Bellflower Court, San Ra-
mon, CA 94583 (US). DIECKS, William,
A.; 4119 Cason Street, Houston, TX 77005
(US).

(74) EICH, Raymund, F.; 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 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).

Published / Publiée : (c)

(51)⁷ B32B 31/08, 27/12 // B60R 13/02

(11) WO 2004/103702 (13) A1

(21) PCT/BE2004/000076

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 2003/0317 **23 May/mai 2003** BE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MANUFACTURING LAMINATE CONSTRUCTIONS
• PROCEDE DE FABRICATION DE CONSTRUCTIONS LAMINEES

(71) FRANTSCHACH BELCOAT, NAAM-LOZE VENNOOTSCHAP [BE/BE]; Adolf Stocletlaan 11, B-2570 Duffel (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOENERS, Daniël, Hendrik, Eric [BE/BE]; Duffelse Steenweg 138, B-2547 Lint (BE).

(74) DONNÉ, E.; Bureau M.F.J. Bockstael nv., Arenbergstraat 13, B-2000 Antwerpen (BE).

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

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 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)

(u) for / pour US only / seulement

(51)⁷ B41C 1/10

(11) WO 2004/103703 (13) A1

(21) PCT/US2004/014076

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 10/441,547 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMAL IMAGING MATERIAL CONTAINING COMBUSTIBLE NITRO-RESIN PARTICLES

• MATERIAU D'IMAGERIE THERMIQUE CONTENANT DES PARTICULES D'UNE NITRO-RESINE COMBUSTIBLE

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEON, Jeffrey [US/US]; 123 French Road, Rochester, New York 14618 (US).
MC COVICK, Robert [US/US]; 1083 Peck Road, Hilton, New York 14468 (US).

(74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, New York 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ B41F

(11) WO 2004/103704 (13) A2

(21) PCT/EP2004/050807

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 23 555.8 **26 May/mai 2003** DE
(26.05.2003)

(30) 103 43 580.8 **18 Sep/sep 2003** DE
(18.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROLLER CLOSING DEVICE WITH AN INNER AND OUTER PART

• SERRURES A CYLINDRES DOTEES D'UN ELEMENT INTERNE ET D'UN ELEMENT EXTERNE

(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) FAIST, Bernd, Klaus [DE/DE]; Rosshirtstr. 2, 97199 Ochsenfurt (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 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 B41F 7/08, 7/10, G03G 15/00, 15/01

(11) WO 2004/103705 (13) A1

(21) PCT/EP2004/005423

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 25 362.9 **23 May/mai 2003** DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR THE INDIRECT DIGITAL PRINTING OF IMAGES ON WEBS

• PROCEDE ET DISPOSITIF POUR IMPRESSION NUMERIQUE INDIRECTE D'IMAGES SUR DES BANDES

(71, 72) HESTERMAN, Ebe [NL/NL]; Curiesstraat 7, NL-1171 BG Badhoevedorp (NL).

(74) STEIMLE, Josef; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 2 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 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).

Published / Publiée : (c)

(51)⁷ B41F 13/20

(11) WO 2004/103706 (13) A2

(21) PCT/EP2004/005488

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 805.0 **23 May/mai 2003** DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANDREL LOCKING UNIT FOR PRINTING ROLLER MANDRELS IN A ROTARY PRINTING MACHINE

• UNITE DE BLOCAGE DE MANDRIN CONÇUE POUR LES MANDRINS DE ROULEAU IMPRIMEUR D'UNE PRESSE ROTATIVE

(71) **WINDMÖLLER & HÖLSCHER KG** [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASCH, Georg** [DE/DE]; Altenberger Strasse 10, 48329 Havixbeck (DE).
MIESELER, Hans-Jörg [DE/DE]; Hangweg 24, 49479 Ibbenbüren (DE).

(74) **WINDMÖLLER & HÖLSCHER KG**; Weber, Jan Thorsten, Münsterstrasse 50, 49525 Lengerich (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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ **B41F 13/44**

(11) **WO 2004/103707** (13) A1

(21) PCT/NL2004/000122

(22) **18 Feb/fév 2004 (18.02.2004)**

(25) nl (26) en

(30) 1022758 **21 Feb/fév 2003 NL (21.02.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRINTING CYLINDER SUPPORT UNIT FOR USE IN AN OFFSET PRINTING PRESS

• UNITE SUPPORT DE CYLINDRE D'IMPRESSION S'UTILISANT DANS UNE PRESSE D'IMPRESSION OFFSET

(71) **DRENT HOLDING B.V.** [NL/NL]; 21, Hallseweg, NL-6964 AJ Hall (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DER MEULEN, Michiel** [NL/NL]; 53-3, Weerdjesstraat, NL-6811 JE Arnhem (NL).

(74) **RIEMENS, R., H.**; 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 PT 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 **B41F 23/04**

(11) **WO 2004/103708** (13) A1

(21) PCT/US2004/014824

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 10/439,858 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ZONED ULTRAVIOLET CURING SYSTEM FOR PRINTING PRESS

• SYSTEME A SELECTION DE ZONES POUR LE SECHAGE AUX UV POUR UNE PRESSE D'IMPRIMERIE

(71) **PRINTING RESEARCH, INC.** [US/US]; 10954 Shady Trail, Dallas, Texas 75220 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEMOORE, Howard W.** [US/US]; 10954 Shady Trail, Dallas, Texas 75220 (US).
CUNNINGHAM, Dan [US/US]; 531 N. Jefferson, Marshall, Missouri 65340 (US).
SECOR, Howard C. [US/US]; 9917 FM 1173, Krum, Texas 76249 (US).

(74) **CONLEY ROSE, P.C.** et al. / etc.; 5700 Granite Parkway, Suite 330, Plano, Texas 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **B41J 2/01**

(11) **WO 2004/103709** (13) A1

(21) PCT/JP2004/007240

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-144315 **22 May/mai 2003 JP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIQUID JETTING DEVICE AND LIQUID JETTING METHOD

• DISPOSITIF POUR JET DE LIQUIDE ET PROCEDE DE JET DE LIQUIDE

(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) **NUNOKAWA, Hirokazu** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).

(74) **ISSHIKI & CO.**; Rookin-Shinbashi Bldg., 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 1050004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B41J 2/175**

(11) **WO 2004/103710** (13) A1

(21) PCT/KR2004/001192

(22) **20 May/mai 2004 (20.05.2004)**

(25) ko (26) en

(30) 10-2003-0031744 **20 May/mai 2003 KR (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INK REFILL METHOD OF INK CARTRIDGE AND DEVICE THEREOF

• PROCEDE ET DISPOSITIF POUR RECHARGER D'ENCRE UNE CARTOUCHE D'ENCRE

(71) **InkTec Co., Ltd.** [KR/KR]; 1124, Shingildong, 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).

CHUNG, Young Ho [KR/KR]; 625-403 SK-HanwhaAPT., Jangan-dong, Jangan-gu, Suwon-si, Kyungki-do, 440-420 (KR). **CHO, Nam Boo** [KR/KR]; 106-1204 Pureunmaeul-Indukwon-DaewooAPT., Pyeongchon-dong, Dongan-gu, Anyang-si, Kyungki-do, 431-070 (KR). **KIM, Hyung Hoo** [KR/KR]; #201, 966-7, Bono-dong, Sangrok-gu, Ansan-si, Kyungki-do, 426-180 (KR). **AN, Kyung Hwa** [KR/KR]; 897-7, Kuwoon-dong, Guonsun-gu, Suwon-si, Kyungki-do, 441-340 (KR). **SHIN, Young Choul** [KR/KR]; 1-202 LotteAPT., 198-22, Godeung-dong, Guonsun-gu, Suwon-si, Kyungki-do, 441-802 (KR). **PARK, Hyung Gun** [KR/KR]; 935-41, Siheung5-dong, Geumcheon-gu, Seoul, 153-860 (KR). **KIM, Hyo Jin** [KR/KR]; 104-904 YungnamAPT., Jungwang-dong, Siheung-si, kyungki-do, 429-450 (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 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).

Published / Publiée : (c)

(51)⁷ B41J 2/175

(11) WO 2004/103711 (13) A1

(21) PCT/KR2004/001193

(22) 20 May/mai 2004 (20.05.2004)

(25) ko (26) en

(30) 10-2003-0031745 20 May/mai 2003 KR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INK REFILL METHOD AND REFILL A VALVE OF INK CARTRIDGE

• PROCEDE DE REMPLISSAGE D'ENCRE ET ROBINET DE REMPLISSAGE D'UNE CARTOUCHE D'ENCRE

(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). **CHUNG, Young Ho** [KR/KR]; 625-403 SK-HanwhaAPT., Jangan-dong, Jangan-gu, Suwon-si, Kyungki-do, 440-420 (KR). **CHO, Nam Boo** [KR/KR]; 106-1204 Pureunmaeul-Indukwon-DaewooAPT., Pyeongchon-dong, Dongan-gu, Anyang-si, Kyungki-do, 431-070 (KR). **KIM, Hyung Hoo** [KR/KR]; #201, 966-7, Bono-dong, Sangrok-gu, Ansan-si, Kyungki-do, 426-180 (KR). **AN, Kyung Hwa** [KR/KR]; 897-7, Kuwoon-dong, Guonsun-gu, Suwon-si, Kyungki-do, 441-340 (KR). **SHIN, Young Choul** [KR/KR]; 1-202 LotteAPT., 198-22, Godeung-dong, Guonsun-gu, Suwon-si, Kyungki-do, 441-802 (KR). **PARK, Hyung**

Gun [KR/KR]; 935-41, Siheung5-dong, Geumcheon-gu, Seoul, 153-860 (KR). **KIM, Hyo Jin** [KR/KR]; 104-904 YungnamAPT., Jungwang-dong, Siheung-si, kyungki-do, 429-450 (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 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).

Published / Publiée : (c)

(51)⁷ B41J 3/36

(11) WO 2004/103712 (13) A1

(21) PCT/SE2003/000843

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PRINTING DEVICE AND A METHOD FOR PRINTING ON A SURFACE

• DISPOSITIF D'IMPRESSION ET PROCEDE D'IMPRESSION SUR UNE SURFACE

(71) PRINT DREAMS EUROPE AB [SE/SE]; Norgegatan 1, S-164 32 KISTA (SE).

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

(72, 75) **BRETON, Alex** [MX/SE]; Ballonggatan 1, S-169 71 SOLNA (SE).

(74) **EHRNER & DELMAR PATENTBYRÅ AB**; Box 103 16, S-100 55 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 B41J 15/02, B41L 1/32, B42D 15/00

(11) WO 2004/103713 (13) A1

(21) PCT/GB2004/002034

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 0311791.8 22 May/mai 2003 GB (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECEIVER MEDIUM FOR INKJET OR THERMAL DYE TRANSFER PRINTING

• SUPPORT D'IMPRESSION POUR IMPRESSION PAR JET D'ENCRE OU THERMIQUE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; 20 Manchester Square, London W1U 3AN (GB).

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

(72, 75) **STEPHENSON, Ian** [GB/GB]; Mandalay, Chelmsford Road, Felsted, Essex CM6 3EP (GB). **O'KELL, Sean** [GB/GB]; 5 Queensway, Lawford, Manningtree, Essex CO11 1EW (GB).

(74) **KEITH W. NASH & CO**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B41J 19/20, F16C 29/02

(11) WO 2004/103714 (13) A1

(21) PCT/JP2004/006739

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-144071 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE DEVICE

• DISPOSITIF D'IMAGERIE

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).

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

(72, 75) **MATSUYAMA, Kengo** [JP/JP]; 5-15-23, Higashinoda-cho, Miyakojima-ku, Osaka-shi, Osaka, 5340024 (JP). **YAMADA, Masanori** [JP/JP]; 7-4-15, Nishitomigaoka, Nara-shi, Nara, 6310006 (JP). **SAYAMA, Haruo** [JP/JP]; 909-9, Shin-machi, Yamatokoriyama-shi, Nara, 6391054 (JP). **SUGIYAMA, Ryouosuke** [JP/JP]; 928-6, Shin-machi, Yamatokoriyama-shi, Nara, 6391054 (JP).

(74) **KOMORI, Hisao et al.** / etc.; 1-4-34, Non-inbashi, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 B41J 29/00

(11) WO 2004/103715 (13) A1

(21) PCT/JP2004/007241

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145460 22 May/mai 2003 JP
(22.05.2003)

(30) 2003-145462 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INK JET TYPE RECORDING DEVICE
• DISPOSITIF D'ENREGISTREMENT DE
TYPE A JET D'ENCRE

(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) INOKUCHI, Hidehiko TANAKA,
Masaharu OGATA, Hiroyuki KANABO,
Kenji MIYAZONO, Yutaka

(74) MAEDA, Hiroshi et al. / etc.; Os-
aka-Marubeni Bldg., 5-7, Hommachi
2-chome, Chuo-ku, Osaka-shi, Osaka
5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 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 B41J 29/38, H04N 1/00, G03G 21/00

(11) WO 2004/103716 (13) A1

(21) PCT/JP2004/006740

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-144073 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE FORMING APPARATUS
• APPAREIL DE FORMATION D'IMAGE

(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) IWABAYASHI, Kazuya [JP/JP];
413-24, Ichinomoto-cho, Tenri-shi, Nara,
6390004 (JP). NAGANO, Yusuke [JP/JP];
308-102, Koizumi-cho, Yamatokoriyama-shi,
Nara, 6391042 (JP).

(74) KOMORI, Hisao et al. / etc.; 1-4-34, Non-
inbashi, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 B41M 5/38, 5/40, C09B 53/02

(11) WO 2004/103717 (13) A1

(21) PCT/JP2004/007288

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-142911 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INDOANILINE DYE FOR THER-
MAL TRANSFER RECORDING, AND
THERMAL TRANSFER RECORDING
INK AND THERMAL TRANSFER
RECORDING SHEET USING SAME
• COLORANT D'INDOANILINE POUR
ENREGISTREMENT DE TRANSFERT
THERMIQUE, ET ENCRE ET FEUILLE
D'ENREGISTREMENT DE TRANS-
FERT THERMIQUE

(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) ISHIDA, Mio [JP/JP]; c/o Mit-
subishi Chemical Corporation, 1000,
Kamoshida-cho, Aoba-ku, Yokohama-shi,
Kanagawa 2278502 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 B42D 1/00

(11) WO 2004/103718 (13) A1

(21) PCT/CN2004/000506

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/442,936 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRINTED PUBLICATION SYSTEM
WITH INFORMATION INDICATION
• GROUPE DE FEUILLETS IMPRIMES A
INDICATION DU CONTENU

(71, 72) POON, Yuk, Fung, Maggie [CN/CN];
Flat A, 25/F., Block 8, The Leighton Hill, No.
2B Broadwood Road, Causeway Bay, Hong
Kong (CN).

(74) BEIJING SANYOU INTELLECTUAL
PROPERTY AGENCY LTD.; NO.40 North
Sanhuanzhonglu Road, Beijing 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 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 B42D 1/06

(11) WO 2004/103719 (13) A2

(21) PCT/FR2004/001174

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05939 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BINDING COVER PROVIDED WITH A
LESS RIGID STRIP
• PLAT DE RELIURE MUNI D'UNE
BANDE DE MOINDRE RIGIDITE

(71, 72) TINELLI, Ange [FR/FR]; Z.A. Les
Plaines Sud, F-13250 Chamas (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 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 B42D 9/00, A47B 23/04

(11) WO 2004/103720 (13) A1

(21) PCT/IE2004/000075

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) S2003/0379 20 May/mai 2003 IE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BOOK HOLDER
• PORTE-LIVRE

(71) ALBARRY ROYALTIES LIMITED [IE/IE]; 7 Holbar Village, East Douglas Village, Douglas, Cork (IE).
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(72, 75) BROGAN, Alan, James [IE/IE]; 24 Freemount Drive, Melbourn Estate, Bishopstown, Cork (IE). BARRY, Stephen, Frederick [IE/IE]; 1 Barryscourt House, East Douglas Village, Douglas, Cork (IE).

(74) GATES, Marie, Christina, Esther 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 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).

Published / Publiée : (c)

(51)⁷ B42D 15/02, G09F 23/10

(11) WO 2004/103721 (13) A1

(21) PCT/JP2004/007421

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-145779 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECRET POSTCARD
• CARTE COMPRENANT UNE PARTIE CACHEE

(71, 72) OKI, Hideaki [JP/JP]; 9-11, Nara 2-chome, Aoba-ku, Yokohama-shi, Kanagawa 227-0038 (JP). SATOU, Misako [JP/JP]; 222-8-301, Kanamori, Machida-shi, Tokyo 194-0012 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(v) for the following designations / pour les désignations suivantes : CN KR US

(51)⁷ B42D 15/10

(11) WO 2004/103722 (13) A1

(21) PCT/ES2004/000196

(22) 4 May/mai 2004 (04.05.2004)

(25) es (26) es

(30) P 2003 01228 26 May/mai 2003 ES (26.05.2003)

(30) P 2003 01822 31 Jul/juil 2003 ES (31.07.2003)

(30) P 2003 02941 12 Dec/déc 2003 ES (12.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF PRODUCING AN INTEGRAL PLASTIC STRUCTURE AND STRUCTURE THUS OBTAINED
• PROCEDE D'OBTENTION D'UNE STRUCTURE PLASTIQUE UNITAIRE ET STRUCTURE OBTENUE

(71) I.D. TEC, S.L. [ES/ES]; P^o de la Castellana, 132-9^o, E-28046 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COBIÁN GARCÍA, Francisco [ES/ES]; P^o de la Castellana, 132-9^o, E-28046 Madrid (ES).

(74) UNGRÍA LÓPEZ, Javier; Avda. Ramón y Cajal, 78, E-28043 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 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 B42D 15/10, G06K 19/077

(11) WO 2004/103723 (13) A1

(21) PCT/JP2004/006700

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-143052 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IC CARD AND IC CARD IMAGE FORMING METHOD
• CARTE A CIRCUIT INTEGRE ET PROCEDE DE FORMATION D'IMAGE DE CARTE A CIRCUIT INTEGRE

(71) KONICA MINOLTA PHOTO IMAGING, INC. [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHII, Nobuyuki [JP/JP]; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). KITAMURA, Shigehiro [JP/JP]; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). TAKAHASHI, Hideki [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 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 B43K 23/00

(11) WO 2004/103724 (13) A2

(21) PCT/GB2004/002168

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311559.9 20 May/mai 2003 GB (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVELTY CAPS FOR WRITING INSTRUMENTS
• CAPUCHONS INNOVATEURS POUR INSTRUMENTS D'ECRITURE

(71) SEVEN TOWNS LIMITED [GB/GB]; 7 Lambton Place, London, Greater London W11 2SH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERRIN, Steven, James [GB/GB]; 3 Hoopers Mews, Acton, Greater London W3 6AJ (GB).

(74) LUCAS, Brian, Ronald; Lucas & Co., 135 Westhall Road, Waringham, Surrey CR6 9HJ (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B43K 29/00

(11) WO 2004/103725 (13) A1

(21) PCT/KR2004/001217

(22) 21 May/mai 2004 (21.05.2004)

(25) ko (26) en

(30) 20-2003-0016148 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERSONAL EFFECTS HAVING A CLEANING CLOTH
• EFFET PERSONNEL COMPORTANT UN CHIFFON DE NETTOYAGE

(71, 72) PARK, Jung-Gi [KR/KR]; 10-202 Hanmibilla, Siheung-dong 947-11 Geumcheon-gu, Seoul 153-030 (KR).

(74) PARK, Woo-Keun et al. / etc.; 648-15 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 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 B43L 1/00

(11) WO 2004/103726 (13) A2

(21) PCT/US2004/015326

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,587 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRY ERASE BOARD WITH IMAGE IN RELIEF
• TABLEAU EFFAÇABLE A SEC AVEC IMAGE EN RELIEF

(71, 72) SOHL, Henry, Ellis [US/US]; 12204 E. Osage Road, Louisville, Kentucky 40223 (US). GORIN, Lawrence, Woodcock [US/US]; 2001 Long Knife Court, Louisville, Kentucky 40207 (US).

(74) CAMORIANO, Theresa, Fritz; Camoriano and Associates, 8225 Shelbyville Road, Louisville, Kentucky 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 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 B44D

(11) WO 2004/103727 (13) A2

(21) PCT/US2004/015441

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/441,631 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PAINT CONTAINER AND COLORANT INJECTOR APPARATUS AND METHOD
• CONTENANT POUR PEINTURE, APPAREIL INJECTEUR DE COLORANT ET PROCEDE

(71, 72) ADAMS, Roger, W. [US/US]; 477 Carlsfield Way, Hudson, OH 44236 (US).

(74) KENNER, Phillip, L. et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, Fourth Floor, First National Tower, Akron, OH 44308-1456 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B44D 3/00

(11) WO 2004/103728 (13) A1

(21) PCT/KR2003/001287

(22) 30 Jun/juin 2003 (30.06.2003)

(25) en (26) en

(30) 10-2003-0033185 24 May/mai 2003 KR (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BRUSH
• BROSSE

(71, 72) HAN, Xiao-Juan [CN/KR]; Shinmyung Villa RM. 402, 603-26, Chang-2 dong, Dobong-gu, Seoul 132-040 (KR).

(74) MOON, Kyoung-Jin; 5th, Fl., SH Building, 1628-19, Seocho-1 dong, Seocho-ku, Seoul 137-879 (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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60B 1/04

(11) WO 2004/103729 (13) A1

(21) PCT/IT2004/000293

(22) 21 May/mai 2004 (21.05.2004)

(25) it (26) en

(30) BO2003A000316 22 May/mai 2003 IT (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NIPPLE FOR BICYCLE AND MOTORCYCLE WHEELS
• ECROU DE RAYON DESTINE A DES ROUES DE BICYCLETTE ET DE MOTOCYCLE

(71) ALPINA RAGGI S.P.A. [IT/IT]; Via C. Battisti, 60, I-20043 Arcore (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FIORAVANTI, Moreno [IT/IT]; c/o Alpina Raggi S.p.A., Via C. Battisti, 60, I-20043 Arcore (IT).

(74) CANTALUPPI, Stefano et al. / etc.; c/o Cantaluppi & Partners S.p.A., Via Matteotti 26, I-35137 Padova (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 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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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 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)
(u) for / pour US only / seulement

(51)⁷ B60B 3/02

(11) WO 2004/103730 (13) A2

(21) PCT/FR2004/001264

(22) 21 May/mai 2004 (21.05.2004)

(25) fr (26) fr

(30) 03/06090 21 May/mai 2003 FR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL MOTOR VEHICLE WHEEL
WHICH IS MADE, FOR EXAMPLE,
FROM LIGHT ALLOY, AND PRODUC-
TION METHOD THEREOF

• NOUVELLE ROUE NOTAMMENT EN
ALLIAGE LEGER POUR VEHICULE
AUTOMOBILE, ET PROCEDE DE FA-
BRICATION D'UNE TELLE ROUE

(71) MONTUPET, S.A. [FR/FR]; 202, quai de
Clichy, F-92110 Clichy (FR).

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

(72, 75) RABUSSIÉ, Boris [FR/FR]; 8, rue
Charles de Gaulle, F-17800 Pons (FR).
MEYER, Philippe [FR/FR]; 378, route
de Froissy, F-60600 Ronquerolles (FR).
CALLAIS, Thierry [FR/FR]; 29, rue de la
Mothe, F-60600 Breuil Le Vert (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 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 B60B 3/02, 25/10, 25/12

(11) WO 2004/103731 (13) A1

(21) PCT/FR2004/000904

(22) 13 Apr/avr 2004 (13.04.2004)

(25) fr (26) fr

(30) 03/06090 21 May/mai 2003 FR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE PRODUCTION
OF A LIGHT-ALLOY SINGLE-PIECE
WHEEL FOR A MOTOR VEHICLE

• PROCEDE DE FABRICATION D'UNE
ROUE MONOBLOC EN ALLIAGE LE-
GER POUR VEHICULE AUTOMOBILE

(71) MONTUPET S.A. [FR/FR]; 202, quai de
Clichy, F-92110 Clichy (FR).

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les États désignés sauf US)

(72, 75) RABUSSIÉ, Boris [FR/FR]; 8, rue
Charles de Gaulle, F-17800 Pons (FR).
MEYER, Philippe [FR/FR]; 378, route
de Froissy, F-60600 Ronquerolles (FR).
CALLAIS, Thierry [FR/FR]; 29, rue de la
Mothe, F-60600 Breuil Le Vert (FR). GI-
RAUD, Daniel [FR/FR]; La Pomme, Mont-
givray, F-36400 La Chatre (FR). PIELIN,
Jean-Pierre [FR/FR]; 5, rue d'En Haut, Saint
Vaast de Longmont, F-60410 Verberie (FR).
SARRAZIN, Michel [FR/FR]; Sanguille,
F-36120 Etrechet (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).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60B 21/08, 21/06

(11) WO 2004/103732 (13) A1

(21) PCT/AT2004/000176

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) A 788/2003 21 May/mai 2003 AT
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RIM FOR BICYCLES AND SIMILAR

• JANTE POUR VELOS ET ANALOGUES

(71) XENTIS COMPOSITE PRODUKTIONS-
& HANDELS GES.M.B.H & CO. KG.
[AT/AT]; Karlschacht 1, A 8580 Köflach
(AT).

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

(72, 75) POSSARNIG, Gerald [AT/AT];
Muchargasse 14, A-8010 Graz (AT). HER-
MANN, Manfred [AT/AT]; Grabenwarth
48, A 8563 Ligist (AT). SACKL, Friedrich
[AT/AT]; Södingberg 182, A 8152 Stallhofen
(AT).

(74) NEMEC, Harald et al. / etc.; Wipplinger-
strasse 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 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 B60B 23/00, 1/10, 3/10

(11) WO 2004/103733 (13) A1

(21) PCT/EP2004/005424

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 833.6 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE WHEEL CONSISTING OF
SHEET METAL, ESPECIALLY SHEET
STEEL

• ROUE DE VEHICULE EN TOLE, NO-
TAMMENT EN TOLE D'ACIER

(71) THYSSENKRUPP STAHL AG [DE/DE];
Kaiser-Wilhelm-Strasse 100, 47166 Duisburg
(DE).

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

(72, 75) BLÜMEL, Klaus [DE/DE]; Brunhilden-
weg 17, 46537 Dinslaken (DE).

(74) COHAUSZ & FLORACK (24); Bleichstr.
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 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 B60B 31/02

(11) WO 2004/103734 (13) A1

(21) PCT/NL2004/000362

(22) 19 May/mai 2004 (19.05.2004)

(25) nl (26) en

(30) 1023514 23 May/mai 2003 NL
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR
STRAIGHTENING SPOKE WHEELS

• DISPOSITIF ET PROCEDE DE RE-
DRESSAGE DE ROUES A RAYONS

(71) HOLLAND MECHANICS B.V. [NL/NL];
Flevostraat 54, NL-1442 PZ Purmerend (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CRUIJFF, Marcel [NL/NL]; Den Iip 93, NL-1127 PH Den Iip (NL). ADMIRAAL, Antonius, Simon [NL/NL]; Pagenlaan 10a, NL-1906 CT Limmen (NL).

(74) UITTENBOGAART, Gustaaf, Adolf; In-deig B.V., P.O. Box 3, NL-2050 AA Overveen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B60C 5/22

(11) WO 2004/103735 (13) A1

(21) PCT/IT2004/000299

(22) 25 May/mai 2004 (25.05.2004)

(25) it (26) en

(30) RM2003A000254 26 May/mai 2003 IT (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TYRE-RIM ASSEMBLY WITH SAFETY SYSTEM
• ENSEMBLE PNEU-JANTE COMPRENANT UN SYSTEME DE SECURITE

(71, 72) LAI, Sergio [IT/IT]; Via Trincea delle Frasche, 14, I-09028 Sestu (CA) (IT).

(74) SANTI, Filippo et al. / etc.; Ing. Barzanò & Zanardo Roma SpA, 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 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 B60C 9/18

(11) WO 2004/103736 (13) A1

(21) PCT/JP2004/006647

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-143047 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PNEUMATIC TIRE

• PNEUMATIQUE

(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) YAMANAKA, Takaya [JP/JP]; c/o BRIDGESTONE CORPORATION, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo, 1878531 (JP).

(74) SUGIMURA, Kosaku; 7F, Kazan Building, 2-4, 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 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 B60C 11/04, 11/01

(11) WO 2004/103737 (13) A1

(21) PCT/JP2004/006247

(22) 10 May/mai 2004 (10.05.2004)

(25) ja (26) ja

(30) 2003-142984 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PNEUMATIC TIRE AND METHOD OF DESIGNING TREAD PATTERN OF THE TIRE

• PNEUMATIQUE ET PROCEDE DE CONCEPTION DU DESSIN DE LA BANDE DE ROULEMENT DUDIT PNEUMATIQUE

(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) YUMII, Keita [JP/JP]; c/o BRIDGESTONE CORPORATION, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo, 1878531 (JP).

(74) SUGIMURA, Kosaku; 7F, Kazan Building, 2-4, 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 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 B60C 11/16

(11) WO 2004/103738 (13) A1

(21) PCT/JP2004/007085

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-147558 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PNEUMATIC TIRE

• PNEUMATIQUE

(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 1058685 (JP).

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

(72, 75) TOMATSU, Yuji [JP/JP]; c/o The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 2548601 (JP).

(74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Toranomon 11 Mori Building, 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 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 B60C 23/04, B60L 3/00, B60Q 5/00, G01M 17/00

(11) WO 2004/103739 (13) A1

(21) PCT/CN2004/000428

(22) 29 Apr/avr 2004 (29.04.2004)

(25) zh (26) zh

(30) 03138016.6 25 May/mai 2003 CN (25.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-FUNCTION WARNING SYSTEM FOR VEHICLE AND RELATED CONTROL METHOD

• SYSTEME D'AVERTISSEMENT MULTIFONCTION POUR VEHICULES ET PROCEDE DE COMMANDE ASSOCIE

(71) BEIJING TIMES BRIGHT CHINA ELECTRONIC TECHNOLOGY CO., LTD. [CN/CN]; 2nd Floor of Building C, No.2, Xinxin Road, Shangdi, Haidian District, Beijing 100085 (CN).

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

(72, 75) ZHU, **Susheng** [CN/CN]; 2nd Floor of Building C, No.2, Xinx Road, Shangdi, Haidian District, Beijing 100085 (CN).

(74) CHINA SINDA INTELLECTUAL PROPERTY LIMITED; 11th Floor Focus Place, 19 Financial Street, Xicheng District, 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 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 B60C 23/04

(11) WO 2004/103740 (13) A1

(21) PCT/EP2004/005422

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 631.7 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR MONITORING AND WIRELESSLY INDICATING A PRESSURE OR A PRESSURE CHANGE IN PNEUMATIC TIRES MOUNTED ON VEHICLES

• DISPOSITIF DE SURVEILLANCE ET DE SIGNALISATION SANS FIL D'UNE PRESSION OU D'UNE VARIATION DE PRESSION DANS DES PNEUS DE VEHICULES

(71) BERU AKTIENGESELLSCHAFT [DE/DE]; Mörikestrasse 155, 71636 Ludwigsburg (DE).

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

(72, 75) SCHULZE, **Gunter** [DE/DE]; Lutherstrasse 3, 75228 Ispringen (DE). FRANK, **Michael** [DE/DE]; Am Rosslauf 6, 75015 Bretten (DE).

(74) TWELMEIER, **Ulrich** et al. / etc.; Zerrnenstrasse 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 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 B60F 3/00, B63B 39/06

(11) WO 2004/103741 (13) A1

(21) PCT/GB2004/001941

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 0311439.4 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AMPHIBIOUS VEHICLE
• VEHICULE AMPHIBIE

(71) GIBBS TECHNOLOGIES LTD; Geneva Place, 2nd Floor, 333 Waterfront Drive, Wickham's Cay, PO Box 3339, Road Town, Tortola (VG).

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

(72, 75) DARBY, **Christopher, Paul** [GB/GB]; 14 Arnold Avenue, Styvechale, Coventry CV3 5LX (GB). PEASE, **Roger, Matthew** [GB/GB]; 23 Station Road, Llangennech, Llanelli, Carmarthenshire SA14 8US (GB).

(74) CHURCH, **Simon, John** et al. / etc.; Marks & Clerk, 144 New Walk, Leicester LE1 7JA (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60F 3/00

(11) WO 2004/103742 (13) A1

(21) PCT/GB2004/002143

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311498.0 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PROPULSION SYSTEM FOR AN AMPHIBIOUS VEHICLE

• SYSTEME DE PROPULSION D'UN VEHICULE AMPHIBIE

(71) GIBBS TECHNOLOGIES LIMITED [GB/GB]; Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

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

(72, 75) GIBBS, **Alan, Timothy** [GB/GB]; 28 Albert Bridge House, 127 Albert Bridge Road, London SW11 4PL (GB).

(74) PLUCKROSE, **Anthony, William** et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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 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)

(u) for / pour US only / seulement

(51)⁷ B60F 3/00

(11) WO 2004/103743 (13) A1

(21) PCT/GB2004/002156

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311499.8 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A HULL FOR AN AMPHIBIOUS VEHICLE

• COQUE POUR VEHICULE AMPHIBIE

(71) GIBBS TECHNOLOGIES LIMITED [GB/GB]; Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

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

(72, 75) LINDSEY, **Kevin, Albert** [GB/GB]; 90 Repton Road, West Bridgford, Nottingham NG2 7EL (GB).

(74) PLUCKROSE, **Anthony, William** et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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 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)

(u) for / pour US only / seulement

(51)⁷ B60F 3/00

(11) WO 2004/103744 (13) A1

(21) PCT/GB2004/002165

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311500.3 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A HULL FOR AN AMPHIBIOUS VEHICLE

• COQUE POUR VEHICULE AMPHIBIE

(71) GIBBS TECHNOLOGIES LIMITED [GB/GB]; Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEIRCE, Ian, Richard [GB/GB]; 7 Lake Road, Cahndlers Ford, Eastleigh, Hampshire SO53 1EZ (GB). PEASE, Mathew, Roger [GB/GB]; 23 Station Road, Llangennech, Llanelli, Carmarthenshire SA14 8UD (GB).

(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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 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)

(u) for / pour US only / seulement

(51)⁷ B60H 1/22

(11) WO 2004/103745 (13) A1

(21) PCT/CN2003/000653

(22) 11 Aug/août 2003 (11.08.2003)

(25) zh (26) zh

(30) 03226364.3 22 May/mai 2003 CN (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEMICONDUCTOR AIR CONDITIONER FOR MOTOR VEHICLE

• CLIMATISEUR A SEMI-CONDUCTEURS POUR VEHICULE A MOTEUR

(71, 72) LIU, Fulin [CN/CN]; Fu Xin Company, 11#, Hong Feng Road, Li Feng Industrial Area, Rong Li, Ronggui, Shun De, Foshan City, Guangdong 528305 (CN).

(71, 72) QIN, Xin [CN/CN]; Fu Xin Company, 11#, Hong Feng Road, Li Feng Industrial Area, Rong Li, Ronggui, Shun De, Foshan City, Guangdong 528305 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YE, Hairen [CN/CN]; Fu Xin Company, 11#, Hong Feng Road, Li Feng Industrial Area, Rong Li, Ronggui, Shun De, Foshan City, Guangdong 528305 (CN). LI, Xiangxing [CN/CN]; Fu Xin Company, 11#, Hong Feng Road, Li Feng Industrial Area, Rong Li, Ronggui, Shun De, Foshan City, Guangdong 528305 (CN).

(74) GUANGZHOU SINO PATENT AGENT CO., LTD.; 4th floor, No. 87, Cangbian Road, Guangzhou, Guangdong 510030 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC 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 B60J 1/00, 10/02

(11) WO 2004/103746 (13) A1

(21) PCT/DE2004/000611

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 22 636.2 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIXING STRIP IN THE FORM OF A PRE-FABRICATED CONTINUOUS SECTION

• BANDE DE FIXATION SE PRESENTANT SOUS LA FORME D'UN PRO-FILE CONTINU PREFABRIQUE

(71) HENNIGES ELASTOMER- UND KUNSTSTOFFTECHNIK GMBH & CO. KG [DE/DE]; Am Buchholz 4, 31547 Rehburg-Loecum (DE).

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(72, 75) KREYE, Bernhard [DE/DE]; Uhlenkamp 41, 31515 Wunstorf (DE).

(74) SIEKMANN, Gunnar; Koppelstrasse 3, 26135 Oldenburg (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 B60J 1/00, B26B 27/00

(11) WO 2004/103747 (13) A1

(21) PCT/SE2003/000818

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND A DEVICE FOR REMOVING VEHICLE WINDOWS

• PROCEDE ET DISPOSITIF PERMETTANT DE RETIRER DES GLACES DE VEHICULE

(71) RAMHUSET DALA-SPEGLAR AB [SE/SE]; Sturegatan 67, S-791 62 Falun (SE).
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(72, 75) ERICSON, Rolf [SE/SE]; Gravyrvägen 13, S-791 44 Falun (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

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

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

- (51)⁷ **B60J 1/00**
(11) **WO 2004/103748** (13) A1
(21) PCT/SE2004/000800
(22) **21 May/mai 2004 (21.05.2004)**
(25) en (26) en
(30) PCT/SE03/00818 **21 May/mai 2003 SE (21.05.2003)**
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • A METHOD AND A DEVICE FOR REMOVING VEHICLE WINDOWS
• PROCÉDE ET DISPOSITIF POUR RETIRER LES FENÊTRES D'UN VÉHICULE
(71) **RAMHUSET DALA-SPEGLAR AB** [SE/SE]; Sturegatan 67, S-791 62 Falun (SE).
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(72, 75) **ERICSON, Rolf** [SE/SE]; Gravyrvägen 13, S-791 44 Falun (SE).
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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).

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

(51)⁷ **B60J 5/04, E05B 65/20**
(11) **WO 2004/103749** (13) A1
(21) PCT/DE2004/001001
(22) **13 May/mai 2004 (13.05.2004)**
(25) de (26) de
(30) 103 22 122.0 **16 May/mai 2003 DE (16.05.2003)**
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • MOTOR VEHICLE
• VÉHICULE AUTOMOBILE
(71) **KIEKERT AKTIENGESSELLSCHAFT** [DE/DE]; Kettwiger Strasse 12-24, 42579 Heiligenhaus (DE).
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(72, 75) **MENKE, Johannes-Theodor** [DE/DE]; Am Nordhang 85, 42551 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 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 **B60J 5/06, E05D 15/10**
(11) **WO 2004/103750** (13) A1
(21) PCT/EP2004/004364
(22) **24 Apr/avr 2004 (24.04.2004)**
(25) de (26) de
(30) 103 23 043.2 **20 May/mai 2003 DE (20.05.2003)**
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • EXTERIOR SLIDING DOOR FOR A VEHICLE
• PORTE EXTERIEURE COULISSANTE POUR VÉHICULE A MOTEUR
(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
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(72, 75) **MÜLLER, Jens** [DE/DE]; Happoldstrasse 24A, 70469 Stuttgart (DE).
(74) **RAUSCHER, Steffen** 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 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 **B60J 7/02, 7/057**
(11) **WO 2004/103751** (13) A1
(21) PCT/ES2003/000223
(22) **20 May/mai 2003 (20.05.2003)**
(25) es (26) es
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • DRIVE TRAVELLER COMPRISING BUILT-IN CAM
• CHARIOT A TRACTION A CAME INCORPORÉE
(71) **GRUPO ANTOLIN-INGENIERIA, S.A.** [ES/ES]; C^a Madrid-Irún, Km. 244,8, E-09007 Burgos (ES).
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(72, 75) **PEREZ OCA, Ricardo** [ES/ES]; C/Vitoria 200, 9^o C, E-09007 Burgos (ES). **GONZALEZ SAIZ, José Ignacio** [ES/ES]; Calle Arquitecto Ricardo Velázquez Bosco, 15, E-09001 Burgos (ES). **SOTO ROMERO, Dario** [ES/ES]; C/Alvarez Taladriz 2,6^o, A, E-47007 Valladolid (ES). **ALONSO AUSIN, Gislano** [ES/ES]; C/Corazas, 2, E-09195 Villariezo-Burgos (ES).

- (74) **TRIGO PECES, José Ramón**; 40, Gran Vía St., E-28013 Madrid (ES).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B60J 7/02, 7/057**
(11) **WO 2004/103752** (13) A1
(21) PCT/ES2003/000224
(22) **20 May/mai 2003 (20.05.2003)**
(25) es (26) es
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • SUNROOF SUPPORT FRAME FOR MOTOR VEHICLE
• CADRE SUPPORT DE TOIT OUVRANT POUR VÉHICULES AUTOMOBILES
(71) **GRUPO ANTOLIN-INGENIERIA, S.A.** [ES/ES]; C^a Madrid-Irún, Km. 244,8, E-09007 Burgos (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PEREZ OCA, Ricardo** [ES/ES]; C/Vitoria 200,9^o C, E-09007 Burgos (ES). **SOTO ROMERO, Dario** [ES/ES]; C/Alvarez Taladriz 2-6^o, A, E-47007 Valladolid (ES). **ALONSO AUSIN, Gislano** [ES/ES]; C/Corazones 2, E- 09195 Villariezo-Burgos (ES).
(74) **TRIGO PECES, José Ramón**; 40 Gran Vía, E-28013 Madrid (ES).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **B60J 10/00, 10/08**
(11) **WO 2004/103753** (13) A2
(21) PCT/FR2004/001182
(22) **14 May/mai 2004 (14.05.2004)**
(25) fr (26) fr
(30) 03/05892 **16 May/mai 2003 FR (16.05.2003)**
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • METHOD AND SYSTEM FOR IMPROVING SOUND ATTENUATION AND REDUCING THE HARDNESS IN

CLOSING AN OPENABLE ITEM IN A MOTOR VEHICLE

- PROCEDE ET SYSTEME POUR AMELIORER L'ATTENUATION ACOUSTIQUE ET REDUIRE LA DURETE DE FERMETURE D'UN OUVRANT DE VEHICULE A MOTEUR

(71) HUTCHINSON [FR/FR]; 2, rue Balzac, F-75008 Paris (FR).
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(72, 75) LE COMPAGNON, Gilles [FR/FR]; 1, rue Risa Bonheur, F-45120 Chalette sur Loing (FR). SZYMCZAK, Franck [FR/FR]; 6bis, rue des Prés, F-91490 Dannemois (FR). FLORENTZ, Bertrand [FR/FR]; 560, rue de Cepoy, F-45200 Paucourt (FR).

(74) CABINET ORES et al. / etc.; 36, rue de St Petersbourg, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B60J 10/02, 10/00, 1/00, 1/02, 1/10, 1/18

(11) WO 2004/103754 (13) A1

(21) PCT/DE2004/000642

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 22 637.0 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR FIXING A FUNCTIONAL ELEMENT, IN PARTICULAR A SEAL, TO A GLASS PANE OF VEHICLE GLAZING

- PROCEDE DE FIXATION D'UN ELEMENT FONCTIONNEL, EN PARTICULIER D'UN JOINT, SUR UNE VITRE DE VEHICULE

(71) HENNIGES ELASTOMER- UND KUNSTSTOFFTECHNIK GMBH & CO. KG [DE/DE]; Am Buchholz 4, 31547 Rehburg-Loecum (DE).

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(72, 75) KREYE, Bernhard [DE/DE]; Uhlenkamp 41, 31515 Wunstorf (DE).

(74) JABBUSCH, Matthias et al. / etc.; Koppelstrasse 3, 26135 Oldenburg (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 6/04

(11) WO 2004/103755 (13) A1

(21) PCT/NL2004/000315

(22) 10 May/mai 2004 (10.05.2004)

(25) nl (26) en

(30) 1023366 8 May/mai 2003 NL (08.05.2003)

(30) 1023367 8 May/mai 2003 NL (08.05.2003)

(30) 1023754 26 Jun/juin 2003 NL (26.06.2003)

(30) 1023887 11 Jul/juil 2003 NL (11.07.2003)

(30) 1025170 6 Jan/jan 2004 NL (06.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRANSMISSION SYSTEM COMPRISING A CVT, IN PARTICULAR FOR A MOTOR VEHICLE

- SYSTEME DE TRANSMISSION CVT, EN PARTICULIER POUR UN VEHICULE AUTOMOBILE

(71) DTI GROUP B.V. [NL/NL]; Horsten 1 MMP 1.42, NL-5612 AX Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DRUTEN, Roëll, Marie [NL/NL]; Woenselsemarkt 30c, NL-5612 CR Eindhoven (NL). VROEMEN, Bas, Gerard [NL/NL]; Hagenkampweg Zuid 202, NL-5615 DB Eindhoven (NL). SERARENS, Alexander, Franciscus, Anita [NL/NL]; Willem Klooslaan 83, NL-5615 NM Eindhoven (NL).

(74) VERHEES, Godefridus, Josephus, Maria; Brabants Octrooibureau, De Pinckart 54, NL-5674 CC Nuenen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B60K 6/06

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(21) PCT/FR2004/001196

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05922 16 May/mai 2003 FR (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRIVE TRAIN FOR A MOTOR VEHICLE AND CONTROL METHOD THEREOF

- GROUPE MOTOPROPULSEUR D'UN VEHICULE AUTOMOBILE ET PROCEDE DE COMMANDE D'UN TEL GROUPE MOTOPROPULSEUR

(71) PEUGEOT CITROEN AUTOMOBILES S.A. [FR/FR]; Route de Gisy, F-78140 Velizy-Villacoublay (FR).
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(72, 75) LAEUFFER, Jacques [FR/FR]; 6, rue Jean Nicot, F-75007 Paris (FR).

(74) JACOBSON, Claude 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 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 B60K 17/28

(11) WO 2004/103757 (13) A1

(21) PCT/JP2003/009128

(22) 17 Jul/juil 2003 (17.07.2003)

(25) ja (26) ja

(30) 2003-143917 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- TRACTOR
- TRACTEUR

(71) YANMAR CO., LTD. [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).
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(72, 75) YAMAGUCHI, Tatsuo [JP/JP]; c/o Yanmar Business Service, Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). YAMAMOTO, Noboru [JP/JP]; c/o Yanmar Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). KATAGIRI, Bunei [JP/JP]; c/o Yanmar Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).

(74) MATSUO, Kenichiro; Imaizumi Koporaru 1F, 4-26, Imaizumi 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0021 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PG PH PL PT RO
RU SC 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 B60K 17/28, A01B 63/10

(11) WO 2004/103758 (13) A1

(21) PCT/JP2003/009129

(22) 17 Jul/juil 2003 (17.07.2003)

(25) ja (26) ja

(30) 2003-143897 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

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• TRACTEUR

(71) YANMAR CO., LTD. [JP/JP]; 1-32, Chaya-
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(72, 75) YAMAGUCHI, Tatsuo [JP/JP]; c/o
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machi, Kita-ku, Osaka-shi, Osaka 530-0013
(JP). KATAGIRI, Bunei [JP/JP]; c/o Yan-
mar Co., Ltd., 1-32, Chayamachi, Kita-ku,
Osaka-shi, Osaka 530-0013 (JP).

(74) MATSUO, Kenichiro; Imaizumi Kopo-
rasu 1F, 4-26, Imaizumi 2-chome, Chuo-ku,
Fukuoka-shi, Fukuoka 810-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PG PH PL PT RO
RU SC 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 B60K 17/28, 17/06, B62D 49/00, A01B
63/10, 71/02

(11) WO 2004/103759 (13) A1

(21) PCT/JP2003/009130

(22) 17 Jul/juil 2003 (17.07.2003)

(25) ja (26) ja

(30) 2003-143938 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRACTOR
• TRACTEUR

(71) YANMAR CO., LTD. [JP/JP]; 1-32, Chaya-
machi, Kita-ku, Osaka-shi, Osaka 530-0013
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530-0013 (JP). YAMAMOTO, Noboru
[JP/JP]; c/o Yanmar Co., Ltd., 1-32, Chaya-
machi, Kita-ku, Osaka-shi, Osaka 530-0013
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mar Co., Ltd., 1-32, Chayamachi, Kita-ku,
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(74) MATSUO, Kenichiro; Imaizumi Kopo-
rasu 1F, 4-26, Imaizumi 2-chome, Chuo-ku,
Fukuoka-shi, Fukuoka 810-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PG PH PL PT RO
RU SC 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 B60K 17/28, 17/06, B62D 49/00, A01B
63/10, 71/02

(11) WO 2004/103760 (13) A1

(21) PCT/JP2003/009131

(22) 17 Jul/juil 2003 (17.07.2003)

(25) ja (26) ja

(30) 2003-146786 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRACTOR
• TRACTEUR

(71) YANMAR CO., LTD. [JP/JP]; 1-32, Chaya-
machi, Kita-ku, Osaka-shi, Osaka 530-0013
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(72, 75) YAMAGUCHI, Tatsuo [JP/JP]; c/o
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(74) MATSUO, Kenichiro; Imaizumi Kopo-
rasu 1F, 4-26, Imaizumi 2-chome, Chuo-ku,
Fukuoka-shi, Fukuoka 810-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PG PH PL PT RO
RU SC 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 B60K 28/02, B60R 25/00, B60K 31/00

(11) WO 2004/103761 (13) A1

(21) PCT/EP2004/003914

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 23 723.2 24 May/mai 2003 DE
(24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR THE INDIVIDUAL AD-
JUSTMENT OF THE MOVEMENT DY-
NAMICS OF A MOTOR VEHICLE

• DISPOSITIF DE REGLAGE IN-
DIVIDUEL DE PROPRIETES DE
CONDUITE DYNAMIQUES D'UN
VEHICULE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
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les États désignés sauf US)

(72, 75) SCHAMZ, Alexander [DE/DE];
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SPIEKER, Andreas [DE/DE]; Zeppelin-
strasse 7, 70193 Stuttgart (DE).

(74) PFEFFER, Frank et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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 PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B60L

(11) WO 2004/103762 (13) A2

(21) PCT/US2004/014905

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,338 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FOLDABLE CHILD RIDING VEHICLE
• VEHICULE D'ENFANT A ENFOUR-
CHER PLIABLE

(71, 72) TAYLOR, Loren, T. [US/US]; 40 Dell-
wood Avenue, Chatham, NJ 07928 (US).
WALKER, Brian [US/US]; 21165 Scotts-
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(74) WEISZ, Edward, M.; Cohen, Pontani, Lieberman & Pavane, 551 Fifth Avenue, Suite 1210, New York, NY 10176 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B60L 11/18, B60R 21/01, B60L 3/00

(11) WO 2004/103763 (13) A1

(21) PCT/IB2004/001556

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 2003-144754 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROL APPARATUS AND CONTROL METHOD FOR VEHICLE-MOUNTED FUEL CELL POWER GENERATION SYSTEM

• DISPOSITIF ET PROCÉDE DE COMMANDE POUR UN SYSTÈME DE GÉNÉRATION DE PUISSANCE À PILES À COMBUSTIBLE EMBARQUÉ

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).
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(72, 75) UEDA, Akihiro [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 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 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 B60N 2/235

(11) WO 2004/103764 (13) A1

(21) PCT/IB2004/000072

(22) 7 Jan/jan 2004 (07.01.2004)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TWIN RECLINER FOR AUTOMOTIVE SEATS

• DISPOSITIF D'INCLINAISON DOUBLE POUR SIÈGE AUTOMOBILE

(71) IFBAUTOMOTIVE PRIVATE LIMITED [IN/IN]; #16 Vishweswaraiyah Industrial Estate, Mahadevapura, 560 048 Bangalore (IN).
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(72, 75) NAG, Bijon [IN/IN]; IFB Automotive Private Ltd., Plot # Ind-5 Sector-1, East Kolkata, Township, 700 017 Kolkata (IN).
REDDY, Manyam, Hemadri [IN/IN]; IFB Automotive Private Ltd., #16 Vishweswaraiyah Industrial Estate, Mahadevapura, 560 048 Bangalore (IN).
RAMALINGAM, Muthusamy [IN/IN]; IFB Automotive Private Ltd., #16 Vishweswaraiyah Industrial Estate, Mahadevapura, 560 048 Bangalore (IN).
RAJAGOPAL, Kesavan [IN/IN]; IFB Automotive Private Ltd., #16 Vishweswaraiyah Industrial Estate, Mahadevapura, 560 048 Bangalore (IN).

(74) LAKSHMIKUMARAN, Varadhachari et al. / etc.; Lakshmikumaran & Sridharan, B-4/158, Safdarjung Enclave, New Delhi 110029 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (f)

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 PT 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 2/28, F16B 17/00

(11) WO 2004/103765 (13) A1

(21) PCT/US2004/014742

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/439,775 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RESTRAINT ANCHORAGE FOR A CHILD RESTRAINT SYSTEM

• ANCRAGE DE RETENUE DESTINÉ À UN SYSTÈME DE RETENUE POUR ENFANT

(63) US 10/439,775 (CON)
16 May/mai 2003 (16.05.2003)

(71) M & C CORPORATION [US/US]; 8424 12 Mile Road, Second Floor, Warren, MI 48093 (US).
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(72, 75) SMALLWOOD, David, J. [CA/CA]; Box 219, 105 Maple Street, Victoria Harbor, Ontario LOK 2A9 (CA).
SHIER, JOHN, T. [CA/CA]; 42 McArthur Drive, Penetanguishene, Ontario L9M 1W9 (CA).
MCLEOD, Ronald, D. [CA/CA]; 42 Idlewood Drive, Midhurst, Ontario LOL 1X1 (CA).

(74) NABOZNY, Ronald, M. et al. / etc.; Brooks Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

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

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 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)

(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 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)
(u) for / pour US only / seulement

(51)⁷ B60N 2/44, 2/68, 2/06, 2/18, 2/22

(11) WO 2004/103766 (13) A1

(21) PCT/EP2004/005267

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 103 23 450.0 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FITTING SYSTEM FOR A VEHICLE SEAT

• SYSTEME DE FERRURES POUR SIEGE DE VEHICULE

(71) KEIPER GMBH & CO. KG [DE/DE]; Hertelsbrunnenring 2, 67657 Kaiserslautern (DE).
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(72, 75) MESSERSCHMIDT, Rainer [DE/DE]; Düsseldorf Str. 45, 40211 Düsseldorf (DE). SCHÜLER, Rolf [DE/DE]; In der Rose 42, 42579 Heiligenhaus (DE).

(74) HELD, Thomas; Hosenthien-Held und Dr. Held, Klopstockstr. 63-65, 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 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 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).

Published / Publiée : (c)

(51)⁷ B60P

(11) WO 2004/103767 (13) A2

(21) PCT/FR2004/001151

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/05896 16 May/mai 2003 FR (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOADING UNIT FOR CIRCULAR LUGGAGE

• INSTALLATION DE CHARGEMENT DE BAGAGES CIRCULAIRES

(71) SQUARCLE [FR/FR]; 5, rue Albert Einstein, F-77420 Champs sur Marne (FR).
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(72, 75) SAFIR, André [FR/FR]; 25, rue Athime Rué, F-92380 Garches (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 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 B60P 1/48

(11) WO 2004/103768 (13) A1

(21) PCT/IB2004/001651

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003/3980 22 May/mai 2003 ZA (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STACKABLE SKIPS

• BENNES EMPILABLES

(71, 72) TRACE, James, Crispian, Garth [ZA/ZA]; 38 Galway Road, Parkview, Johannesburg, 2193 Gauteng Province (ZA).

(72, 75) RIVETT-CARNAC, John, Edward [ZA/ZA]; 47 The Valley Road, Parktown, Johannesburg, 2193 Gauteng Province (ZA).

(74) LEWIS, Alan; c/o Adams & Adams (Johannesburg Office), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng Province (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 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 B60Q

(11) WO 2004/103769 (13) A2

(21) PCT/US2004/015719

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/442,035 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LAMP MASKING METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE MASQUAGE DE PHARE

(71) ILLUME, LLC [US/US]; P.O. Box 705, Gates Mills, OH 44040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRAZZANTI, Michael [US/US]; P.O. Box 705, Gates Mills, OH 44040 (US).

(74) MILLER, Michael, A.; Watts Hoffmann Co., L.P.A., Suite 1750, 1100 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 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 B60Q 7/00, E01F 9/012, G09F 7/18

(11) WO 2004/103770 (13) A1

(21) PCT/GB2004/002083

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 0311527.6 20 May/mai 2003 GB (20.05.2003)

(30) 0323408.5 7 Oct/oct 2003 GB (07.10.2003)

(30) 0324955.4 27 Oct/oct 2003 GB (27.10.2003)

(30) 0408718.5 20 Apr/avr 2004 GB (20.04.2004)

(30) 0409327.4 27 Apr/avr 2004 GB (27.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MAXIMUM WIND RESISTANT PORTABLE ROAD SIGN

• PANNEAU DE SIGNALISATION ROUTIERE RESISTANT AUX VENTS TRES FORTS

(71, 72) BIRCUMSHAW, James, William [GB/GB]; 6 Leeming Park, Mansfield Woodhouse, Notts NG19 9BA (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 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 B60R

(11) WO 2004/103771 (13) A2

(21) PCT/US2004/012317

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/439,702 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER AND COMMUNICATION ARCHITECTURE FOR A VEHICLE

• ARCHITECTURE DE RESEAU DE DISTRIBUTION D'ELECTRICITE ET DE

COMMUNICATION POUR UN VEHICULE

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

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(72, 75) **FEHR, Walton, L.** [US/US]; 133 N. Idlewild, Mundelein, Illinois 60060 (US). **JORDAN, Patrick** [GB/US]; 3400 San Benito Court, Austin, Texas 78738 (US). **REMBOSKI, Donald** [US/US]; 160 Golf Crest Drive, Dearborn, Michigan 48124 (US). **LEVENSON, Samuel, M.** [US/US]; 630 N. Drury Lane, Arlington Heights, Illinois 60004 (US). **QUALICH, John** [US/US]; 2260 Apple Hill Court South, Buffalo Grove, Illinois 60089 (US).

(74) **KOCH, William, E. Atty., Portfolio, Manager, on, b;** 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/103772 (13) A2

(21) PCT/US2004/015424

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,546 19 May/mai 2003 US (19.05.2003)

(30) 60/525,537 26 Nov/nov 2003 US (26.11.2003)

(30) 60/556,259 25 Mar/mar 2004 US (25.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MIRROR ASSEMBLY FOR VEHICLE
• ASSEMBLAGE DE RETROVISEUR POUR VEHICULE

(71) **DONNELLY CORPORATION** [US/US]; 414 East Fortieth Street, Holland, Michigan 49423 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UKEN, John, T.** [US/US]; 7730 Steele Avenue, Jenison, Michigan 49428 (US). **KARNER, Lee** [US/US]; 2974 N. 168th, Holland, Michigan 49424 (US). **HOOK, Richard, R.** [US/US]; 7035 Michael Drive, Hudsonville, Michigan 49426 (US). **LYNAM, Niall, R.** [US/US]; 248 Foxdown, Holland, Michigan 49424 (US).

(74) **VAN DYKE, GARDNER, LINN & BURKHART, LLP; FLORY, Timothy A.,** 2851 Charlevoix Drive, SE, Suite 207,

P.O. Box 888695, Grand Rapids, Michigan 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 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).

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 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)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ B60R

(11) WO 2004/103773 (13) A2

(21) PCT/US2004/015453

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,659 19 May/mai 2003 US (19.05.2003)

(30) 60/536,676 15 Jan/jan 2004 US (15.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REARVIEW MIRROR ASSEMBLIES INCORPORATING HANDS-FREE TELEPHONE COMPONENTS
• ENSEMBLES RETROVISEURS INTEGRANT DES ELEMENTS DE TELEPHONE MAINS LIBRES

(71) **GENTEX CORPORATION** [US/US]; 600 North Centennial Street, Zeeland, MI 49464 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATSON, Alan, R.** [US/US]; 13442 Burgoyne, Buchanan, MI 49107 (US). **BRYSON, Michael, A.** [US/US]; 3710 Hillcrest Road, Hudsonville, MI 49426 (US).

(74) **DOLCE, Marcus, P.; Price, Heneveld, Cooper, DeWitt & Litton, LLC,** 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 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 B60R 1/00, 1/06, 1/08, 1/12

(11) WO 2004/103774 (13) A1

(21) PCT/ES2003/000239

(22) 22 May/mai 2003 (22.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OUTSIDE REAR-VIEW MIRROR ASSEMBLY FOR VEHICLE, WHICH IS DESIGNED TO SUPPORT AN IMAGE-DETECTOR DEVICE
• ENSEMBLE DE RETROVISEUR EXTERIEUR DE VEHICULE CONÇU POUR ETRE EQUIPE D'UN DISPOSITIF DETECTEUR D'IMAGE

(71) **FICO MIRRORS, SA** [ES/ES]; Gran Via Carles III, 98, E-08028 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SACCAGNO, Andrea** [IT/IT]; Via Ricasoli, 60, I-10153 Torino (IT).

(74) **TORNER, LASALLE, Elisabet et al. / etc.;** TORNER, JUNCOSA I ASSOCIATS, S.L., Agència de la Propietat Industrial, Bruc, 21, 1^a, 3^a, E-08010 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/04, 11/02, 1/00

(11) WO 2004/103775 (13) A1

(21) PCT/JP2004/006949

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144739 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE-MOUNTED DISPLAY CONTROLLER, VEHICLE-MOUNTED DISPLAY UNIT, DISPLAY CONTROL METHOD, CONTROL PROGRAM, AND RECORDING MEDIUM

• UNITE DE COMMANDE D'AFFICHAGE MONTÉE SUR UN VEHICULE, UNITE D'AFFICHAGE

MONTEE SUR UN VEHICULE,
PROCEDE DE COMMANDE
D'AFFICHAGE, PROGRAMME
DE COMMANDE ET SUPPORT
D'ENREGISTREMENT

(71) CLARION CO., LTD. [JP/JP]; 35-2, Haku-
san 5-chome, Bunkyo-ku, Tokyo, 1128608
(JP).

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

(72, 75) KUWATA, Hideki [JP/JP]; c/o CLAR-
ION CO., LTD. 35-2, Hakusan 5-chome,
Bunkyo-ku, Tokyo, 1128608 (JP).

(74) KUSHIBUCHI, Masayuki et al. / etc.; So-
tokanda Chiyoda Bldg. 6F., 16-9, Sotokanda
6-chome, Chiyoda-ku, Tokyo, 1010021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 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 B60R 16/02, B65H 37/00

(11) WO 2004/103776 (13) A1

(21) PCT/EP2004/004302

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 23 801.8 23 May/mai 2003 DE
(23.05.2003)

(30) 103 35 238.4 1 Aug/août 2003 DE
(01.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ADHERING RIBBON
CABLES TO BASES SUCH AS THE
INTERIOR LINING OF A MOTOR VE-
HICLE, ESPECIALLY THE ROOF, SIDE
OF THE DOOR, AND LID OF THE
BOOT

• PROCEDE DE COLLAGE DE CABLES
PLATS SUR DES SUPPORTS TELS QUE
LES GARNITURES INTERIEURES
D'UN VEHICULE, NOTAMMENT LE
PLAFOND, LES CONTRE-PORTES ET
LE HAYON

(71) TESA AG [DE/DE]; Quickbornstrasse 24,
20253 Hamburg (DE).

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

(72, 75) VON SAMSON-HIMMELSTJERNA,
Matthias [DE/DE]; Lessingstrasse 10, 24558
Henstedt-Ulzburg (DE).

(74) TESA AG; Quickbornstrasse 24, 20253
Hamburg (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 B60R 19/24, 19/20

(11) WO 2004/103777 (13) A1

(21) PCT/KR2004/000995

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0028188 2 May/mai 2003 KR
(02.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DUAL BUMPER FOR PROTECTING
WALKER

• PARE-CHOC DOUBLE DESTINE A
PROTEGER DES PIETONS

(71, 72) KIM, Kyung Hwan [KR/KR]; 115-107
Wooduk Samsung Apt., 378 Youkeum-Ri,
Kangdong-Myun, Kyungju 780-911 (KR).

(74) LEE, Hwa Ik; 4th Fl. Yosam Bldg. 648-23,
Yoksam-Dong, Kangnam-gu, Seoul 135-748
(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 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 B60R 21/01, 21/34

(11) WO 2004/103778 (13) A1

(21) PCT/DE2004/000509

(22) 13 Mar/mar 2004 (13.03.2004)

(25) de (26) de

(30) 103 21 160.8 12 May/mai 2003 DE
(12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPACT DETECTION DEVICE

• DISPOSITIF D'IDENTIFICATION DE
COLLISION

(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) DUKART, Anton [DE/DE]; Eichenweg
1, 70839 Gerlingen (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 B60R 21/01, B60N 2/427, 2/02

(11) WO 2004/103779 (13) A1

(21) PCT/DE2004/000524

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 21 871.8 15 May/mai 2003 DE
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OCCUPANT PROTECTION SYSTEM
FOR VEHICLES AND METHOD FOR
ACTUATING AN OCCUPANT PRO-
TECTION SYSTEM FOR VEHICLES

• SYSTEME DE PROTECTION
D'OCCUPANT POUR VEHICULES,
ET PROCEDE POUR ACTIONNER UN
TEL SYSTEME

(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) MATTES, Bernhard [DE/DE]; Querstr.
41, 74343 Sachsenheim (DE). STUMPP,
Hans-Peter [DE/DE]; Geranienweg 17,
71706 Markgroeningen (DE). NITSCHKE,
Werner [DE/DE]; Rosseger Weg 14, 71254
Ditzingen (DE). SCHUMACHER, Hart-
mut [DE/DE]; Pfarrer Aldinger Strasse 4,
71691 Freiberg (DE). WOTTRENG, Walter
[DE/JP]; Tomioka-Shi, 370-23 Gumna-Ken
(JP). GUETTLER, Hans [DE/DE]; Loewen-
steinstr. 18, 74199 Untergruppenbach (DE).
MORITZ, Rainer [DE/DE]; Filderbahn-
str. 50, 70794 Filderstadt (DE). HER-
RMANN, Thomas [DE/DE]; Zeppelinstr.
13, 74613 Oehringen (DE). STUETZLER,
Frank-Juergen [DE/US]; 38000 Hills Tech
Drive, Farmington Hills, MI 48331 (US).
VOGT, Alexander [DE/DE]; Johannestr.
31b, 70176 Stuttgart (DE). BALZER,
Knut [DE/DE]; Berliner Str. 28, 71717
Beilstein (DE). LICH, Thomas [DE/DE];
Tribergstr. 33/2, 71409 Schwaikheim (DE).
GROEGER, Ulrike [DE/DE]; Solitude
Str. 80G, 70499 Stuttgart (DE). KUTTEN-
BERGER, Alfred [DE/DE]; Hugo-Wolf-Str.
4, 71696 Moeglingen (DE). GROESCH,
Lothar [DE/US]; 38000 Hills Tech Drive,
Farmington Hills, MI 48331 (US). SCHMID,
Michael [DE/DE]; Bahnhofplatz 2, 70806
Kornwestheim (DE). KROENINGER,
Mario [DE/DE]; Schwarzwaldstr. 125,
77815 Buehl (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 B60R 21/34

(11) WO 2004/103780 (13) A1

(21) PCT/EP2004/002686

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 23 118.8 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR MANUALLY REVERSING A DEVICE IN ORDER TO PROTECT PASSENGERS IN A HEAD-ON COLLISION IN A MOTOR VEHICLE

• DISPOSITIF POUR REMETTRE MANUELLEMENT UN SYSTEME DE PROTECTION DES PERSONNES DANS SA POSITION INITIALE APRES UN CHOC FRONTAL SUR UN VEHICULE AUTOMOBILE

(71) ISE INNOMOTIVE SYSTEMS EUROPE GMBH [DE/DE]; Othestrasse 19, 51702 Bergneustadt (DE).

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

(72, 75) BORCHERT, Andreas [DE/DE]; Bruchstrasse 5, 51702 Bergneustadt (DE). HARTEBRODT, Raphael [DE/DE]; Goethestrasse 9a, 57489 Drolshagen (DE). LANG, Jozsef [HU/HU]; Pajtás u. 30, H-1131 Budapest (HU). MENDEL, Erich [DE/DE]; Wiedeneststrasse 37, 51702 Bergneustadt (DE). MIKA, Frank [DE/DE]; Heddinghausen 83a, 51588 Nümbrecht (DE). REX, Martin [DE/DE]; Kirchhardt 14, 51570 Windeck (DE).

(74) FUCHS, Jürgen, H. et al. / etc.; Söhnlein-strasse 8, 65201 Wiesbaden (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 B60R 22/03, 22/24

(11) WO 2004/103781 (13) A1

(21) PCT/SE2004/000707

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 0311677.9 21 May/mai 2003 GB (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SEAT BELT PRESENTER

• PRESENTOIR POUR CEINTURE DE SECURITE

(71) AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 83 Vårgårda (SE).

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

(72, 75) VERMUSE, David [FR/FR]; 16 Résidence les Argilières, F-76220 Férrière en Bray (FR).

(74) MEULLER, Erik; Autoliv Development AB, S-448 83 Vårgårda (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 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).

Published / Publiée : (c)

(51)⁷ B60R 22/44, 22/46

(11) WO 2004/103782 (13) A1

(21) PCT/US2004/015814

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/440,698 19 May/mai 2003 US (19.05.2003)

(30) 10/459,353 11 Jun/juin 2003 US (11.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC SEAT BELT RETRACTOR SYSTEM

• SYSTEME DE RETRACTEUR ELECTRIQUE DE CEINTURE DE SECURITE

(71) AUTOLIV ASP, INC. [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).

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

(72, 75) KARWACZYNSKI, Krzysztof, W. [US/US]; 43638 Bockley, Sterling Heights, MI 48313 (US). HISHON, Michael, K. [US/US]; 53876 Brentwood Drive, New Baltimore, MI 48047 (US). ENGLER, Samuel, D. [US/US]; 6100 Mary Sue, Clarkston, MI 48346 (US).

(74) METCALF, Craig; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

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

Published / Publiée : (c)

(51)⁷ B60R 25/10, G08G 1/123

(11) WO 2004/103783 (13) A1

(21) PCT/IB2004/000057

(22) 14 Jan/jan 2004 (14.01.2004)

(25) en (26) en

(30) 10/441,569 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRACKING STOLEN VEHICLES

• LOCALISATION DE VEHICULES VOLES

(71) LOJACK CORPORATION [US/US]; 200 Lower Brook Drive, Westwood, MA 02090 (US).

(72) DUVAL, William; 67 Bowditch Road, Sudbury, MA 01776 (US).

(74) RINES, Robert, H.; MacLeod Allsop, Bledington Grounds, Bledington, Gloucestershire OX7 6XL (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 B60S 5/06

(11) WO 2004/103784 (13) A1

(21) PCT/CA2003/001196

(22) 7 Aug/août 2003 (07.08.2003)

(25) en (26) en

(30) 2,429,256 21 May/mai 2003 CA (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR ELECTRIC VEHICLE BATTERY RECHARGING

• SYSTEME DE RECHARGE DE BATTERIE DE VEHICULE ELECTRIQUE

(71, 72) HAMAD, Imad, A. [CA/CA]; 7943 Henri-Bourassa West, Ville St-Laurent, Québec H9S 1P7 (CA).

(74) MANOLAKIS, Emmanuel et al. / etc.; Gowling Lafleur Henderson LLP, 1, Place Ville-Marie, 37th Floor, Montréal, Québec H3B 3P4 (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 NI NO NZ OM PG PH PL
PT RO RU SC 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 B60T 7/12

(11) WO 2004/103785 (13) A1

(21) PCT/DE2004/000965

(22) 8 May/mai 2004 (08.05.2004)

(25) de (26) de

(30) 103 22 125.5 16 May/mai 2003 DE
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND DEVICE FOR DEACTI-
VATING A HILL HOLDER FUNCTION
• PROCEDE ET DISPOSITIF DE DESAC-
TIVATION D'UNE FONCTION ANTIPA-
TINAGE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) STREIT, Andreas [DE/DE];
Moeglinger Str. 40, 71706 Markgroeningen
(DE). BRAEUER, Toni [DE/DE]; In der
Gerste 1, 71636 Ludwigsburg (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 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).

Published / Publiée : (c)

(51)⁷ B60T 8/00

(11) WO 2004/103786 (13) A1

(21) PCT/EP2004/050927

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 103 24 131.0 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR CONTROLLING A
PROCESS, ESPECIALLY FOR CON-
TROLLING THE DRIVING STABILITY
• PROCEDE DE REGLAGE D'UN PRO-
CESSUS NOTAMMENT POUR EFFEC-
TUER LE REGLAGE DE LA STABILITE
DE CONDUITE

(71) CONTINENTAL TEVES AG & CO.OHG
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[JP/JP] (JP). GÄRTNER, Michael [DE/DE];
Serverstrasse 27, 60439 Frankfurt am Main
(DE).

(74) CONTINENTAL TEVES AG &
CO.OHG; Guerickestrasse 7, 60488 Frank-
furt 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 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).

Published / Publiée : (c)

(51)⁷ B60T 13/14

(11) WO 2004/103787 (13) A1

(21) PCT/EP2004/003652

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 18 850.9 25 Apr/avr 2003 DE
(25.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BRAKE SYSTEM FOR A MOTOR VE-
HICLE
• SYSTÈME DE FREINAGE DE VÉHI-
CULE À MOTEUR

(71) LUCAS AUTOMOTIVE GMBH
[DE/DE]; Carl-Spaeter-Strasse 8, 56070
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(72, 75) OHLIG, Benedikt [DE/DE]; Im Pelz-
graben 1, 56179 Vallendar (DE). GIERING,
Wilfried [DE/DE]; Bahnstrasse 60, 56743
Mendig (DE). MICHELS, Erwin [DE/DE];
Ackerstrasse 15, 56829 Kail (DE).

(74) BEYER, Andreas; WUESTHOFF &
WUESTHOFF, Schweigerstrasse 2, 81541
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 B60T 13/52

(11) WO 2004/103788 (13) A2

(21) PCT/FR2004/001254

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06376 22 May/mai 2003 FR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PNEUMATIC SERVOMOTOR COM-
PRISING A DIAPHRAGM AND/OR A
JOINT WHICH IS OVERMOULDED
ONTO THE SKIRT
• SERVOMOTEUR PNEUMATIQUE
COMPORTANT UN DIAPHRAGME
ET/OU UN JOINT SUMOULE SUR LA
JUPE

(71) ROBERT BOSCH GMBH [DE/DE]; Wern-
erstrasse 1, D-70442 Stuttgart (DE).
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(72, 75) SACRISTAN, Fernando [ES/ES];
C/Mare de Deuk del Pilar, 5, Cabriels, E-08348
Barcelona (ES). SIMON, BACARDIT,
Juan [ES/ES]; Calle Mallorca 451, 60, 4A,
E-08013 Barcelona (ES). BERTHOMIEU,
Bruno [FR/ES]; C/Giriti, 2-4, E-08003
Barcelona (ES).

(74) HURWIC, Aleksander; Bosch Systèmes
de Freinage, 126, rue de Stalingrad, F-93700
Drancy (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 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 B60T 13/575

(11) WO 2004/103789 (13) A1

(21) PCT/FR2004/001253

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 0306372 22 May/mai 2003 FR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SERVOMOTOR WITH VARIABLE
ASSIST RATIO, COMPRISING A COM-
PACT, ELASTICALLY-DEFORMABLE
MEANS
• SERVOMOTEUR A RAPPORT
D'ASSISTANCE VARIABLE COMPOR-
TANT UN MOYEN ELASTIQUEMENT
DEFORMABLE COMPACT.

(71) **ROBERT BOSCH GMBH** [DE/DE]; Wernerstrasse 1, 70442 STUTTGART (DE).
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(72, 75) **LEBRET, Pierre** [FR/FR]; 13, Avenue du Général Pershing, F-78000 VERSAILLES (FR). **CARRE, Jean-Jacques** [FR/FR]; 59, Boulevard de l'Est, F-93340 LE RAINCY (FR).

(74) **HURWIC, Aleksander**; Bosch Systèmes de Freinage, 126, rue de Stalingrad, F-93700 DRANCY (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 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 **B61G 7/00, 9/20**

(11) **WO 2004/103790** (13) A1

(21) PCT/SE2004/000638

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) sv (26) en

(30) 0301528-6 **26 May/mai 2003** SE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MUFF COUPLING FOR VEHICLE COUPLERS

• MANCHON COULISSANT POUR COUPLEURS DE VEHICULES

(71) **DELLNER COUPLERS AB** [SE/SE]; Vikavägen 144, S-791 95 Falun (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESTMAN, Anders** [SE/SE]; Skolmästarevägen 9, S-791 33 Falun (SE). **JERNBERG, Gunnar** [SE/SE]; Solbacksgatan 61, S-784 75 Borlänge (SE). **ERIKSSON, Mats** [SE/SE]; Grängshammar 356, S-781 93 Borlänge (SE).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **B61L**

(11) **WO 2004/103791** (13) A2

(21) PCT/US2004/015737

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 10/440,129 **19 May/mai 2003** US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR DETECTING WHEN AN END OF TRAIN HAS PASSED A POINT

• PROCEDE ET SYSTEME POUR DETECTER LE MOMENT OU L'EXTREMITE D'UN TRAIN A DE-PASSE UN POINT DONNE

(71) **QUANTUM ENGINEERING, INC.** [US/US]; 352 Stowe Avenue, Orange Park, FL 32073 (US).

(72) **KANE, Mark, Edward**; 2653 Holly Point Drive, Orange Park, FL 32073 (US). **SHOCKLEY, James, Francis**; 3011 Doctors Lake Drive, Orange Park, FL 32073 (US). **HICKENLOOPER, Harrison, Thomas**; 179 Buffalo Bluff Road, Palatka, FL 32177 (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 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 **B61L 23/00, G01P 3/66**

(11) **WO 2004/103792** (13) A1

(21) PCT/CH2004/000306

(22) **19 May/mai 2004 (19.05.2004)**

(25) de (26) de

(30) 908/03 **21 May/mai 2003** CH (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RAIL ASSEMBLY, RAIL SWITCH AND A TRANSPORT DEVICE PROVIDED WITH A MAGNETOSTRICTIVE SENSOR

• ENSEMBLE RAIL, AIGUILLAGE ET DISPOSITIF DE TRANSPORT EQUIPE DE CAPTEURS MAGNETOSTRICTIFS

(71) **SCHIERHOLZ-TRANSLIFT SCHWEIZ AG** [CH/CH]; Rainacherstrasse 47, CH-6010 Kriens (CH).
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(72, 75) **VOGEL, Hanspeter** [CH/CH]; Chemin des Noyères 5, CH-2533 Evillard (CH).

HUBER, Peter [CH/CH]; Kappelgasse 1, CH-3292 Busswil (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 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 **B62B**

(11) **WO 2004/103793** (13) A2

(21) PCT/US2004/014883

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/439,133 **15 May/mai 2003** US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WHEELBARROW STAND WITH TILT LEVELING MECHANISM

• PIED DE BROUETTE AVEC MECANISME DE MISE A NIVEAU A INCLINAISON

(71, 72) **BLACK, Charles, E.** [US/US]; 2346 E. Old State Road, East Jordan, MI 49727 (US).

(74) **McEVOY, Douglas, J. et al.** / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward Ave., Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **B62B 1/12**

(11) **WO 2004/103794** (13) A1

(21) PCT/US2003/019903

(22) **23 Jun/juin 2003 (23.06.2003)**

(25) en (26) en

(30) 10/445,172 **20 May/mai 2003** US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GOLF BAG WITH DETACHABLE WHEEL ASSEMBLY

- SAC DE GOLF AVEC ENSEMBLE ROUES DETACHABLE
- (71, 72) **CHELDIN, Erwin** [US/US]; 23251 Mulholland Drive, Woodland Hills, CA 91364-2732 (US).
- (74) **KELLEY, Scott, W.**; Kelly Bauersfeld Lowry & Kelley, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) **B62D 1/10**
- (11) **WO 2004/103795** (13) A1
- (21) PCT/EP2004/050705
- (22) **5 May/mai 2004 (05.05.2004)**
- (25) de (26) de
- (30) 103 24 128.0 **26 May/mai 2003 DE (26.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STEERING ARRANGEMENT FOR A MOTOR VEHICLE
- DISPOSITIF DE DIRECTION D'UN VEHICULE AUTOMOBILE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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- (72, 75) **KRAUS, Ulrich** [DE/DE]; August-Bebel-Strasse 43, 78056 Villingen-Schwenningen (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 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 **B62D 1/19, F16F 7/12**
- (11) **WO 2004/103796** (13) A1
- (21) PCT/EP2004/003337
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) de (26) de
- (30) 103 23 730.5 **24 May/mai 2003 DE (24.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STEERING COLUMN ASSEMBLY FOR A MOTOR VEHICLE
- ENSEMBLE COLONNE DE DIRECTION POUR UN VEHICULE A MO-TEUR
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 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).
- (74) **BERGEN-BABINECZ, Katja 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B62D 5/00**
- (11) **WO 2004/103797** (13) A2
- (21) PCT/EP2004/005419
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 03253155.0 **20 May/mai 2003 EP (20.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FLEXIBLE CONTAINERS
- CONTENANTS SOUPLES
- (71) **PHARES PHARMACEUTICAL RE-SEARCH N.V.** [NL/NL]; P.O. Box 6052, Emancipatie Boulevard 31, Curacao (AN).
(only for / seulement pour US)
- (72, 75) **LEIGH, Mathew, Louis, Steven** [GB/CH]; Hardstrasse 111, CH-4052 Basel (CH). **LEIGH, Daryl Louis, Van** [GB/GB]; 111 Littlebrook Avenue, Slough SL2 2PD (GB).
- (74) **HEINEN, Detlef et al.** / etc.; A. Braun Braun Héritier Eschmann AG, Holbeinstrasse 36-38, CH-4051 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 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).
-
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B62D 5/04, 6/00**
- (11) **WO 2004/103798** (13) A1
- (21) PCT/EP2004/050859
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) de (26) de
- (30) 103 23 846.8 **23 May/mai 2003 DE (23.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STEERING ADJUSTMENT METHOD
- PROCEDE DE REGULATION DE DIRECTION
- (71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE).
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- (72, 75) **GIER, Bernhard** [DE/DE]; Kaiser Sigmund Str. 60, 60320 Frankfurt (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 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 **B62D 5/04**
- (11) **WO 2004/103799** (13) A1
- (21) PCT/EP2004/050863
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) de (26) de
- (30) 103 23 847.6 **23 May/mai 2003 DE (23.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SUPERIMPOSED STEERING SYSTEM
- DIRECTION A SUPERPOSITION
- (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) **JUNGBECKER, Johann** [DE/DE]; Hauptstr. 60, 55576 Badenheim (DE). **LINKENBACH, Steffen** [DE/DE]; Lah-nweg 14, 65760 Eschborn (DE). **NELL, Joachim** [DE/DE]; Gustav-Hoch-Strasse 35, 63452 Hanau (DE). **MUTH, Norman** [DE/DE]; Am Dornbusch 37, 35066 Frankenberg (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 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 B62D 6/00, 5/04

(11) WO 2004/103800 (13) A1

(21) PCT/JP2004/006886

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-147759 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC POWER STEERING DEVICE CONTROLLER

• UNITE DE COMMANDE ELECTRIQUE DE DISPOSITIF DE DIRECTION

(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).

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(72, 75) AOKI, Yuho [JP/JP]; C/o Nsk Steering Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 3718527 (JP). ENDO, Shuji [JP/JP]; C/o Nsk Steering Systems Co., Ltd., 78, Toriba-machi, Maebashi-shi, Gunma 3718527 (JP).

(74) AGATA, Yuzo; 13-5, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B62D 7/08, B60G 3/28, E01H 1/08, B62D 5/04

(11) WO 2004/103801 (13) A1

(21) PCT/IT2003/000321

(22) 26 May/mai 2003 (26.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF-PROPELLED SWEEPER WITH ELECTRIC STEERING AND RELATIVE CONTROL SYSTEM

• BALAYEUSE AUTOMOTRICE A DIRECTION ELECTRIQUE ET SYSTEME DE COMMANDE CORRESPONDANT

(71) UNIECO COSTRUZIONI MECCANICHE S.R.L. [IT/IT]; via Balduina, 3, I-42010 Rio Saliceto (IT). I.S.A.L. S.R.L. [IT/IT]; via Modena, 42/B, I-42015 Correggio (IT).

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

(72, 75) BUSSOLOTTI, Dario [IT/IT]; Via M. Saltini, 12, I-41012 Carpi (IT). SALATI, Frumenzio [IT/IT]; via L. Da Vinci, 33/A, I-42015 Correggio (IT).

(74) GASPARINI, Alberto; c/o Botti & Ferrari - finderoute -, Corso Cavour, 36, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 B62D 7/14

(11) WO 2004/103802 (13) A2

(21) PCT/FR2004/001230

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06041 20 May/mai 2003 FR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLEXIBLE REAR AXLE WITH AN ACTUATOR AND CORRESPONDING VEHICLE

• ESSIEU SOUPLE ARRIERE A ACTIONNEUR ET VEHICULE CORRESPONDANT

(71) RENAULT S.A.S. [FR/FR]; 13-15, quai Le Gallo, F-92100 Boulogne Billancourt (FR). AUTO CHASSIS INTERNATIONAL [FR/FR]; 13-15, quai Le Gallo, F-92100 Boulogne Billancourt (FR).

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(72, 75) FIFFIER, Bruno [FR/FR]; 64 bis, rue du Polygone, F-72100 Le Mans (FR). ROLLET, Rémi [FR/FR]; 14, allée des Longs Réages, F-91190 Gif (FR). THORAVALL, Richard [FR/FR]; 54, rue de Chatou, F-95240 Cormeille en Parisis (FR).

(74) GUYON, Rodolphe; Renault Technocentre, sec 00267 TCR GRA 155, 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 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 B62D 25/00

(11) WO 2004/103803 (13) A2

(21) PCT/US2004/015667

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/470,596 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICULAR REAR CARGO MODULE

• MODULE DE CHARGEMENT ARRIERE D'UN VEHICULE

(71) INTIER AUTOMOTIVE, INC. [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3y 4x7 (CA).

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

(72, 75) HARNEY, William, Joseph, John [CA/US]; 33921 Schulte, Farmington, MI 48335 (US). ROY, Pierre-Xavier [FR/CA]; 338 Ontario Street, Toronto, Ontario M5A 2V7 (CA).

(74) ASHER, Robin, W. et al. / etc.; Clark Hill PLC, 500 Woodward Avenue, Suite 3500, Detroit, MI 48226-3435 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B62D 63/06, B60P 3/10, B63C 3/02

(11) WO 2004/103804 (13) A1

(21) PCT/AU2004/000669

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902501 22 May/mai 2003 AU (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BOAT LAUNCHING AND RETRIEVAL APPARATUS

• DISPOSITIF POUR METTRE UNE EMBARCATION A L'EAU ET LA RESSORTIR DE L'EAU

(71, 72) THOMAS, William, John [AU/AU]; 4 Mandfield Way, Parmelia, Western Australia 6167 (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 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 **B62J 39/00, 17/06**

(11) **WO 2004/103805** (13) A1

(21) PCT/JP2004/006754

(22) **13 May/mai 2004 (13.05.2004)**

(25) ja (26) ja

(30) 2003-142073 **20 May/mai 2003 (20.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AIR GUIDE STRUCTURE IN MOTOR VEHICLE LEG SHIELD

• STRUCTURE D'ACHEMINEMENT D'AIR DANS UN PROTEGE-JAMBES DE VEHICULE MOTORISE

(71) **YAMAHA HATSUDOKI KABUSHIKI KAISHA** [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).

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(72, 75) **KONNO, Toshihiko** [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP). **KAMIMURA, Kaoru** [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP). **SUNAGUCHI, Naoto** [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).

(74) **MIYAZONO, Hirokazu**; 7th FL., Shin-Nakajima BLDG., 9-20, Nishinakajima 1-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 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 **B63B 3/26**

(11) **WO 2004/103806** (13) A1

(21) PCT/NL2004/000368

(22) **24 May/mai 2004 (24.05.2004)**

(25) nl (26) en

(30) 1023518 **23 May/mai 2003 (23.05.2003)** NL

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHIP AND METHOD FOR MANUFACTURING A SHIP

• NAVIRE ET PROCEDE DE FABRICATION DE NAVIRE

(71) **IMTECH MARINE & OFFSHORE B.V.** [NL/NL]; Sluisjesdijk 155, NL-3087 AG Rotterdam (NL).

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

(72, 75) **HURKMANS, Franciscus, Martinus** [NL/NL]; Sluisjesdijk 155, NL-3087 AG Rotterdam (NL). **TRAPMAN, Johannes, Peter** [NL/NL]; Sluisjesdijk 155, NL-3087 AG Rotterdam (NL).

(74) **HOORWEG, Petrus, Nicolaas; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK 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 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 **B63B 35/00, 27/00**

(11) **WO 2004/103807** (13) A1

(21) PCT/NO2004/000150

(22) **18 May/mai 2004 (18.05.2004)**

(25) no (26) en

(30) 20032285 **21 May/mai 2003 (21.05.2003)** NO

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND A DEVICE FOR INSTALLATION OF A WINDMILL AT SEA

• PROCEDE ET DISPOSITIF POUR INSTALLER UNE EOLIENNE EN MER

(71, 72) **HAUGSØEN, Per, Bull** [NO/NO]; Risalleen 53, N-0776 Oslo (NO). **FOSS, Gunnar** [NO/NL]; Leeuweriklaan 14, NL-2566JE Den Haag (NL).

(74) **HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes** (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 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 **B63B 43/12**

(11) **WO 2004/103808** (13) A1

(21) PCT/DE2003/001586

(22) **16 May/mai 2003 (16.05.2003)**

(25) de (26) de

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • UNSINKABLE BOAT PROTECTION SYSTEM

• SYSTEME DE PROTECTION D'UN BATEAU INSUBMERSIBLE

(71, 72) **GRUNDMANN, Hartmut** [DE/DE]; Hohe Strasse 1, (Berliner Platz), 25524 Itzehoe (DE).

(81) PL.

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

(51)⁷ **B63H 1/26, B23P 15/02, F04D 29/18, F03B 3/12**

(11) **WO 2004/103809** (13) A1

(21) PCT/GB2004/002181

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 0311889.0 **22 May/mai 2003 (22.05.2003)** GB

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROPELLER

• HELICE

(71, 72) **WATTS, Alan, Edward** [GB/GB]; 3 Midland Rose, Thrapston, Northants NN14 4JS (GB). **BOULTON, James, George** [GB/GB]; 2 Peterborough Road, Wansford, Peterborough, Cambs PE8 6LA (GB).

(74) **HEDGES, Martin, Niholas et al. / etc.; A.A. Thornton & Co, 235 High Holborn, London W1V 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 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 **B63H 11/08, B60F 3/00**

(11) **WO 2004/103810** (13) A1

(21) PCT/GB2004/002135

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en
(30) 0311495.6 19 May/mai 2003 GB
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A JET DRIVE FOR AN AMPHIBIOUS VEHICLE

• MOTEUR A REACTION HYDRAULIQUE POUR VEHICULE AMPHIBIE

(71) GIBBS TECHNOLOGIES LIMITED [GB/GB]; Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

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(72, 75) GIBBS, Alan, Timothy [GB/GB]; 28 Albert Bridge House, 127 Albert Bridge Road, London SW11 4PL (GB). JENKINS, Neil, Graham [GB/GB]; Mancetter Cottage, South Street, Atherstone, Warwickshire CV9 1ED (GB).

(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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 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)
(u) for / pour US only / seulement

(51)⁷ B63H 19/00

(11) WO 2004/103811 (13) A1

(21) PCT/KR2004/001232

(22) 25 May/mai 2004 (25.05.2004)

(25) ko (26) en

(30) 10-2003-0033433 26 May/mai 2003 KR
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HOLLOW TYPE IMPELLER FOR WATER SURFACE SHIFTER

• PROPULSEUR DE TYPE CREUX DESTINE A UN VEHICULE DE DEPLACEMENT A LA SURFACE D'EAU

(71) BIKEVALLEY CO., LTD [KR/KR]; Jeongin Bldg. 3Fl, 762 Tanbang-dong, Seo-gu, Daejeon 302-859 (KR).

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(72, 75) HWANG, Chil-Sung [KR/KR]; 309-1203 Jugong Apt., Ssangyong 2-dong, Cheonan-si, Chungcheongnam-do 330-761 (KR).

(74) LEE, Jae-Sung; 406, Cheongsu-Office-tel, 915, Dunsan2-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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B63H 20/36

(11) WO 2004/103812 (13) A1

(21) PCT/SE2004/000666

(22) 30 Apr/avr 2004 (30.04.2004)

(25) sv (26) en

(30) 0301521-1 23 May/mai 2003 SE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRANSPORT PACKAGE FOR A BOAT PROPELLER DRIVE

• ENSEMBLE DE TRANSPORT POUR DISPOSITIF D'ENTRAINEMENT D'HELICE DE BATEAU

(71) AB VOLVO PENTA [SE/SE]; S-405 08 Göteborg (SE).

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

(72, 75) RYDBERG, Anders [SE/SE]; Gustavsborgsvägen 31, S-732 33 Arboga (SE). GUSTAFSON, Göran [SE/SE]; Griso Gård, S-730 30 Kolsva (SE).

(74) FRÖHLING, Werner; Volvo Technology Corporation, Corporate Patens, 06820, M1.7, SE-405 08 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 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 B64C 11/34

(11) WO 2004/103813 (13) A1

(21) PCT/US2003/035430

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/440,909 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SELF-CONTAINED VARIABLE PITCH AND/OR CONSTANT SPEED PROPELLER INCLUDING PROVISIONS FOR FEATHERING AND REVERSE PITCH OPERATION

• HELICE A PAS VARIABLE ET/OU A VITESSE CONSTANTE AUTONOME PERMETTANT DE REALISER UNE OPERATION DE CHANGEMENT DE PAS ET D'INVERSION DE PAS

(71, 72) HUGHES, Arthur C. [US/US]; 3307 Somerset Court S.E., Marietta, GA 30067-5009 (US).

(74) PATEL, Ashish D.; Myers & Kaplan, Intellectual 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 PT 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 27/473

(11) WO 2004/103814 (13) A1

(21) PCT/NO2004/000108

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 20032282 20 May/mai 2003 NO
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROTOR AND AIRCRAFT PASSIVELY STABLE IN HOVER

• ROTOR ET AERONEF PASSIVEMENT STABLE EN VOL STATIONNAIRE

(71) PROXFLYER AS [NO/NO]; Nesveien 9, N-1394 Nesbru (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUREN, Petter [NO/NO]; Nesveien 9, N-1394 Nesbru (NO).

(74) ONSAGERS AS; P.O. Box 6963 St. Olavs plass, N-0169 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 **B65B 1/20**
- (11) **WO 2004/103815** (13) A1
- (21) PCT/US2004/013008
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) en (26) en
- (30) 10/437,397 **14 May/mai 2003 US**
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FLUIDIZATION OF PARTICLES FOR
ENCAPSULATION IN ORAL DOSAGE
PHARMACEUTICAL PRODUCTS
- FLUIDISATION DE PARTICULES
POUR L'ENCAPSULATION DE PRO-
DUITS PHARMACEUTIQUES A DO-
SAGE ORAL
- (71) **SHIRE LABORATORIES, INC.** [US/US];
1550 East Gude Drive, Rockville, MD 20850
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SHOJAEI, Amir, H.** [CA/US]; 210-B
Heathwalk Street, Gaithersburg, MD 20878
(US). **KIBALO, Benjamin, Thomas**
[US/US]; 17654 Amity Drive, Apt. 301,
Gaithersburg, MD 20877 (US). **IBRAHIM,
Scott, A.** [US/US]; 3900 Greencastle Ridge
Drive, Apt. 403, Burtonsville, MD 20866
(US).
- (74) **ALDAG, Andrew, J.**; Edell, Shapiro &
Finnan, LLC, Suite 400, 1901 Research
Boulevard, Rockville, MD 20850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).
-
- Published / Publiée : (c)
-
- (51)⁷ **B65B 1/28, B65D 33/16**
- (11) **WO 2004/103816** (13) A1
- (21) PCT/DE2004/000985
- (22) **12 May/mai 2004 (12.05.2004)**
- (25) de (26) de
- (30) 103 21 814.9 **15 May/mai 2003 DE**
(15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • COUPLING ELEMENT AND DOCK-
ING DEVICE COMPRISING SUCH A
COUPLING ELEMENT
- ELEMENT D'ACCOUPLEMENT
ET DISPOSITIF D'AMARRAGE
RENFERMANT UN DISPOSITIF
D'ACCOUPLEMENT
- (71) **GEA BUCK VALVE GMBH** [DE/DE];
Mauchener Strasse 14, 79379 Müllheim
(DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **LAIS, Peter** [DE/DE]; Am Brunnenbuck
9, 79424 Auggen (DE). **SYWALLA, Joseph**
[FR/FR]; 21, rue du 19 Aout, F-68720 Zil-
lisheim (FR). **STOYE, Joachim** [DE/DE];
Johanniterweg 2a, 79395 Neuenburg-Gris-
sheim (DE). **KOCH, Martin** [DE/DE];
Johanniterweg 1, 79395 Neuenburg-Gris-
sheim (DE).
- (74) **BOEHMERT & BOEHMERT et al.** / etc.;
Dr. Dorothee Weber-Bruls, Hollerallee 32,
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 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 **B65B 3/02**
- (11) **WO 2004/103817** (13) A1
- (21) PCT/EP2004/004419
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) de (26) de
- (30) 103 23 335.0 **23 May/mai 2003 DE**
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DEVICE FOR BLOW MOULDING,
FILLING AND CLOSING PLASTIC
CONTAINERS
- DISPOSITIF DE SOUFFLAGE, DE
REMPLEISSAGE ET DE FERMETURE
DE CONTENANTS EN PLASTIQUE
- (71, 72) **HANSEN, Bernd** [DE/DE]; Talstrasse
22-30, 74429 Sulzbach-Laufen (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 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).
-
- MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **B65B 3/02, B65D 75/58**
- (11) **WO 2004/103818** (13) A1
- (21) PCT/GB2003/002555
- (22) **16 Jun/juin 2003 (16.06.2003)**
- (25) en (26) en
- (30) 00311617.5 **20 May/mai 2003 GB**
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PACKAGING FOR DAIRY PRODUCTS
- EMBALLAGE POUR PRODUITS LAI-
TIERS
- (71) **PICKABOO FOODS LIMITED** [GB/GB];
Gors Farm, Rhydargaeau, Carmarthenshire
SA32 7AP (GB).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **NEWMAN, Paul** [GB/GB]; Gors Farm,
Rhydargaeau, Carmarthenshire SA32 7AP
(GB). **HANKINS, Mark** [GB/GB]; 27
South Hurst, Whitehill, Bordon, Hampshire
GU35 7DP (GB). **MOORE, Phillip, Derek**
[GB/GB]; Lindridge House, The Ridges,
Finchampstead RG40 3SY (GB). **BLACK-
MAN, Mark, Jeremy** [GB/GB]; 24 The
Mead, Liphook, Hampshire GU30 7AT (GB).
- (74) **GALLAFENT, Antony, Xavier**;
Urquhart-Dykes & Lord LLP, Alexandra
House, 1 Alexandra Road, Swansea SA1
5ED (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 PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 11/22**
- (11) **WO 2004/103819** (13) A1
- (21) PCT/EP2004/005502
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) FI2003A000146 **23 May/mai 2003 IT**
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS AND PROCESS FOR
PACKAGING A PILE OF PAPER MUL-
TILAYER ARTICLES OR THE LIKE
- APPAREIL ET PROCEDE
D'EMBALLAGE D'UNE PILE
D'ARTICLES MULTICOUCHES EN
PAPIER OU ANALOGUES
- (71) **AEST-TRADING LLC** [US/US]; 1021
Main Street-Suite 1150, Houston, TX 77002
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FUVESI, Jozsefne [HU/HU]; Sàrköz Utea 7/c, 1142 Budapest (HU).

(74) BARDINI, Marco, Luigi et al. / etc.; Società Italiana Brevetti S.p.A., Corso dei Tintori, 25, 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 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 B65B 25/06, 3/32, 63/02

(11) WO 2004/103820 (13) A1

(21) PCT/EP2004/005273

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) MI2003A001004 20 May/mai 2003 IT (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MACHINE AND METHOD FOR CANNING FISH, MEAT AND THE LIKE, AND RELATIVE FORMING DEVICE

• MACHINE ET PROCEDE DE MISE EN BOITE DE POISSON, DE VIANDE OU DE PRODUITS ANALOGUES, ET DISPOSITIF DE FORMATION ASSOCIE

(71) BOLTON ALIMENTARI S.P.A. [IT/IT]; Via Einaudi 18/22, I-22072 Cermenate (Como) (IT).

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

(72, 75) CAFAGGI, Sandro [IT/IT]; Via Bernina 6, I-20020 Lazzate (Milan) (IT).

(74) DE GREGORI, Antonella et al. / etc.; Ing.Barzano' & Zanardo Milano S.p.A., Via Borgonuovo 10, I-20121 Milan (IT).

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

Published / Publiée : (a)

(51)⁷ B65B 25/14, 11/58, B65D 85/16, 75/38

(11) WO 2004/103821 (13) A1

(21) PCT/EP2004/050835

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 2003/0297 22 May/mai 2003 BE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BUNDLES OF ROLLS AND METHOD FOR PRODUCTION THEREOF

• PAQUETS DE ROULEAUX ET LEUR PROCEDE DE FABRICATION

(71) KNAUF INSULATION SA [BE/BE]; Avenue Pasteur, 6, Parc des Collines H, B-1300 Wavre (BE).

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

(72, 75) VANTILT, Pierre [BE/BE]; Membruggerweg, 51, B-3700 Tongeren (BE).

(74) CLAEYS, Pierre et al. / etc.; Gevers & Vander Haeghen, Holidaystraat 5, B-1831 Diegem (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 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).

Published / Publiée : (c)

(51)⁷ B65B 69/00

(11) WO 2004/103822 (13) A1

(21) PCT/US2004/015134

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,794 15 May/mai 2003 US (15.05.2003)

(30) Not furnished / 13 May/mai 2004 US non communiqué (13.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VACUUM WAND ASSEMBLY FOR EXTRACTING A PRODUCT FROM A CONTAINER

• ENSEMBLE TUBE SOUPLE SOUS VIDE DESTINE A EXTRAIRE UN PRODUIT D'UN CONTENEUR

(71) KELLOGG COMPANY [—/US]; One Kellogg Square, P.O. Box 3599, Battle creek, MI 49016-3599 (US).

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(72, 75) OURS, David, C. [US/US]; 119 Plum Street, Marshall, MI 49068 (US). CARY, Randall [US/US]; 23101 E. Avenue North, Battle Creek, MI 49017 (US). GUNIA, Gary [US/US]; 6754 Oleander Lane, Portage, MI 49024 (US).

(74) SHOEMAKER, Randall, L. et al. / etc.; Howard & Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, 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 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).

Published / Publiée : (c)

(51)⁷ B65D

(11) WO 2004/103823 (13) A2

(21) PCT/US2004/014358

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/438,428 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HANGABLE PACKAGE STRUCTURE

• STRUCTURE D'EMBALLAGE POUVANT ETRE SUSPENDUE

(71) EVEREADY BATTERY COMPANY, INC. [US/US]; 533 Maryville University Drive, St. Louis, MO 63141 (US).

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

(72, 75) CASANOVA, Julio, C. [US/US]; 447 Nantucket Drive, Avon Lake, OH 44012 (US).

(74) FRASER, Stewart, A.; Eveready Battery Company, Inc., 25225 Detroit Road, Westlake, OH 44145 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B65D

(11) WO 2004/103824 (13) A2

(21) PCT/US2004/014842

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/440,625 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A FLEXIBLE MIXING BAG FOR MIXING SOLIDS, LIQUIDS AND GASES

• SAC DE MELANGE FLEXIBLE DESTINE A MELANGER DES SOLIDES, DES LIQUIDES ET DES GAZ

(71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; William F. Ryann, 7 Commerce Drive, Danbury, CT 06810 (US).

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

(72, 75) **ZAMBAUX, Jean-Pascal** [FR/FR]; 15 Boulevard De La Republique, 63200 Riom, F-63200 Riom (FR).

(74) **WILLIAM F. RYANN**; ADVANCED TECHNOLOGY MATERIALS, INC., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B65D**

(11) **WO 2004/103825** (13) A2

(21) PCT/US2004/014936

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,437 **16 May/mai 2003 (16.05.2003)** US

(30) 10/808,214 **24 Mar/mar 2004 (24.03.2004)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PORTABLE FOOD DISPENSER**

• **DISTRIBUTEUR DE NOURRITURE PORTABLE**

(71) **LBP MANUFACTURING, INC.** [US/US]; 1325 South Cicero Avenue, Cicero, IL 60804 (US).

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

(72, 75) **COOK, Matthew, R.** [US/US]; 29 West Birchwood, Hinsdale, IL 60521 (US). **WOLF, Kurt** [US/US]; 1033 Cleveland, Evanston, IL 60202 (US).

(74) **GNOFFO, Vincent, J.** et al. / etc.; 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 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 **B65D**

(11) **WO 2004/103826** (13) A2

(21) PCT/US2004/014940

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/437,121 **13 May/mai 2003 (13.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **CARTON FOR BRICK-SHAPED CONTAINERS WITH A TOP DISPENSER**

• **CARTON DESTINE A DES CONTENANTS EN FORME DE BRIQUE PRESENTANT UN DISTRIBUTEUR SUR LE HAUT**

(71) **GRAPHIC PACKAGING INTERNATIONAL, INC.** [US/US]; 814 Livingston Court, Marietta, GA 30067 (US).

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

(72, 75) **FOGLE, James, C.** [US/US]; 4239 Cove Way, Marietta, GA 30067 (US). **SPIVEY, Raymond, R.** [US/US]; 475 Ivey Court, Mableton, GA 30126 (US). **GOMES, Jean-Manuel** [US/US]; 2699 Shadow Bluff Drive, Marietta, GA 30062 (US). **SUTHERLAND, Robert, L.** [US/US]; 4929 Pembridge Lane, Kennesaw, GA 30152 (US).

(74) **MCLARY, Steve, M.**; Graphic Packaging International, INC., 814 Livingston Court, Marietta, GA 30067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **B65D**

(11) **WO 2004/103827** (13) A2

(21) PCT/US2004/015241

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/440,822 **19 May/mai 2003 (19.05.2003)** US

(30) 10/836,302 **30 Apr/avr 2004 (30.04.2004)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **CLOSURE DEVICE FOR A RECLOSABLE POUCH**

• **DISPOSITIF DE FERMETURE POUR SACHET REFERMABLE**

(71) **S. C. JOHNSON HOME STORAGE, INC.** [US/US]; 1525 Howe Street, Racine, Wisconsin 53403 (US).

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

(72, 75) **DAIS, Brian, C.** [US/US]; 1258 Cranbrook Drive, Saginaw, Michigan 48603 (US). **PAWLOSKI, James, C.** [US/US]; 3437 Pressler Court, Bay City, Michigan 48706 (US). **TRENT, John, S.** [US/US]; 1337 - 30th Court, Kenosha, Wisconsin 53144 (US).

SAAD, Zain, E., M. [US/US]; 4233 Pleasant Lane, Racine, Wisconsin 53405 (US). **COLUCCI, Michael, J.** [US/US]; 2915 Nottingham Dr. E, Saginaw, Michigan 48603 (US).

(74) **CHAPMAN, Kristin, L.**; S. C. JOHNSON HOME STORAGE, INC., 1525 Howe Street, Racine, Wisconsin 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 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 **B65D**

(11) **WO 2004/103828** (13) A2

(21) PCT/US2004/015304

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,477 **17 May/mai 2003 (17.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **FOAMED PET PACKAGING**

• **EMBALLAGES EN MOUSSE POUR ANIMAUX**

(71) **MICROGREEN POLYMERS, INC.** [US/US]; 8316 272nd Street N.W., Stanwood, WA 98292 (US).

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

(71, 72) **BRANCH, Gregory, L.** [US/US]; 8316 272nd Street N.W., Stanwood, WA 98292 (US). **GUNTER, Wiley, D., III** [US/US]; 1126 Chestnut Hill Drive, Erie, PA 16509 (US).

(74) **CLAIBORNE, Anthony**; Claiborne Patent Law Services, 849 136th Ave. N.E., Bellevue, WA 98005 (US).

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

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ B65D

(11) WO 2004/103829 (13) A2

(21) PCT/US2004/015426

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,692 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTERNAL CAGE TUBE BAG

• SAC DE TUBE DE CAGE INTERNE

(71) STANHOPE PRODUCTS COMPANY
[US/US]; 379 Albert Road, P.O. Box 6003,
Brookville, OH 45309 (US).

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

(72, 75) PERRINE, Glenn, D. [US/US]; 172
Hatchet Drive, Eaton, OH 45320 (US).
LECONEY, Douglas, E. [US/US]; 260 Five
Pines Court, Clayton, OH 45315 (US).

(74) PEACOCK, Bruce, E. et al. / etc.; Wegman,
Hessler & Vanderburg, 6055 Rockside Woods
Boulevard, Suite 200, Cleveland, OH 44131
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B65D

(11) WO 2004/103830 (13) A2

(21) PCT/US2004/015545

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,331 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTONOMOUS SWIMMING CARGO
CONTAINERS

• CONTENEURS DE CARGAISON
FLOTTANT DE MANIERE AUTO-
NOME

(71) AEPCO, INC. [US/US]; 15800 Crabbs
Branch Way, Suite 300, Rockville, MD
20855 (US).

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

(72, 75) TREPPIG, William, M., Jr. [US/US];
911 Merringdale Boulevard, Mount Airy, MD
21770 (US). CLARKE, Robert, A. [US/US];
17121 Whites Road, Poolesville, MD 20837
(US).

(74) BUFORD, Kevin, A.; Holland & Knight
LLP, 1600 Tysons Boulevard, Suite 700,
McLean, VA 22102-4867 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B65D

(11) WO 2004/103831 (13) A2

(21) PCT/US2004/016244

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,846 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPENSING ASSEMBLY FOR MUL-
TIPLE FROZEN DESSERTS PREPACK-
AGED IN INDIVIDUAL SERVING SIZE
DISPOSABLE CONTAINERS

• DISPOSITIF DE DISTRIBUTION
CONÇU POUR MULTIPLES DES-
SERTS CONGÈLES PREEMBALLES
DANS DES CONTENANTS JETABLES
DIMENSIONNÉS POUR UNE PART
INDIVIDUELLE

(71, 72) PAHL, Richard, C. [US/US]; 436 Date
Palm Court, NE, St. Petersburg, FL 33703
(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 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 B65D 1/02

(11) WO 2004/103832 (13) A1

(21) PCT/ES2004/000236

(22) 25 May/mai 2004 (25.05.2004)

(25) es (26) es

(30) P200301235 26 May/mai 2003 ES
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEFORMABLE CONTAINER WHICH
IS STABLE WHEN STACKED VERTI-
CALLY AND HORIZONTALLY

• CONTENEUR EN MATIERE DEFOR-
MABLE STABLE LORSQU'IL EST
EMPILE VERTICALEMENT ET HORI-
ZONTALEMENT

(71) BALNEARIO Y AGUAS DE SOLAN
DE CABRAS, S.L. [ES/ES]; C/ Colon, 53,
E-16002 Cuenca (ES).

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

(72, 75) DEL POZO SANZ, Jesus [ES/ES]; C/
Colon, 53, E-16002 Cuenca (ES).

(74) CARPINTERO LOPEZ, Francisco; Her-
rero & Asociados, S.L., Alcalá, 35, E-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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ B65D 5/42, 83/08, 75/56

(11) WO 2004/103833 (13) A1

(21) PCT/US2004/005636

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/439,424 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DISPENSER FOR SHEET MATERIAL

• DISTRIBUTEUR DE MATERIAU EN
FEUILLES

(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) MITCHELL, Joseph [US/US]; 5075 Oakmont Bend Drive, Alpharetta, GA 30004 (US). WELCHEL, Debra, N. [US/US]; 1350 Chatley Way, Woodstock, GA 30188 (US). VELAZQUEZ, Herb, F. [US/US]; 3142 Westfield Ridge, Neenah, WI 54956 (US). MORTON, Tim, J. [GB/US]; 5823 North Ravenwood Avenue, #109, Chicago, IL 60660 (US). DELMAN, Joel, G. [US/US]; 411 West Fullerton Parkway, Chicago, IL 60614 (US). ANDRES, Melanie, L. [US/US]; 1323 North Oakley Boulevard, Floor 1, Chicago, IL 60622 (US). FREESE, John, B. [US/US]; 822 Hinman Avenue, #3S, Evanston, IL 60202 (US). PIACENZA, Donna, Ann [US/US]; 5003 North Oakley Avenue, Unit I, Chicago, IL 60625 (US).

- (74) WATSON, Sue, C. et al. / etc.; Kimberly-Clark Worldwide, INC., 401 N. Lake Street, Neenah, Wisconsin 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 PT 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 5/74, 25/48

(11) WO 2004/103834 (13) A1

(21) PCT/US2004/014679

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/441,627 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUID COUPLING WITH DISPOSABLE CONNECTOR BODY

• DISPOSITIF D'ACCOUPLEMENT POUR DISTRIBUTEUR DE LIQUIDE COMPORTANT UN RACCORD JETABLE

- (71) COLDER PRODUCTS COMPANY [US/US]; 1001 Westgate Drive, St. Paul, MN 55114 (US).

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

- (72, 75) DECLER, Charles, Peter [US/US]; 1540 Neal Avenue North, Stillwater, MN 55082 (US). JOHNSON, Robert, K. [US/US]; 342-107th Circle N.E., Blaine, MN 55434 (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 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 B65D 8/04

(11) WO 2004/103835 (13) A1

(21) PCT/JP2004/001670

(22) 16 Feb/fév 2004 (16.02.2004)

(25) ja (26) ja

(30) 2003-180313 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRUM CAN

• BIDON FUT

- (71, 72) KURAUCHI, Giro [JP/JP]; 9-7, Higashiyama-cho, Ashiya-shi, Hyogo 6590091 (JP).

- (74) KURAUCHI, Giro; 14-3, Nishitemma 4-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 PT 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 17/28, B32B 15/08

(11) WO 2004/103836 (13) A1

(21) PCT/JP2004/007318

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144986 22 May/mai 2003 JP (22.05.2003)

(30) 2003-144985 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EASY-OPEN END AND LAMINATED STEEL SHEET

• PARTIE D'EXTREMITÉ FACILE À OUVRIR ET FEUILLE DE TOLE STRATIFIÉE

- (71) JFE STEEL CORPORATION [JP/JP]; 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 1000011 (JP).

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

- (72, 75) KUBO, Hiroshi [JP/JP]; c/o Intellectual Property Dept., JFE Steel Corporation, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). KOJIMA, Katsumi

[JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). IWASA, Hiroki [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

- (74) OCHIAI, Kenichiro; c/o Intellectual Property Dept., JFE Steel Corporation, 2-3, Uchisaiwaicho 2-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 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 B65D 19/20

(11) WO 2004/103837 (13) A1

(21) PCT/JP2003/006584

(22) 26 May/mai 2003 (26.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CORRUGATED FIBERBOARD PALLET

• PALETTE EN CARTON ONDULE

- (71) THE PACK CORPORATION [JP/JP]; 9-9, Higashiohase 2-chome, Higashinari-ku, Osaka-shi, Osaka 537-0024 (JP).

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

- (72, 75) HORIUCHI, Yasuhiko [JP/JP]; c/o The Pack Corporation, 321-2, Ikezawa-cho, Yamatokoriyama-shi, Nara 639-1032 (JP).

- (74) SHIMIZU, Hisayoshi et al. / etc.; Idemitsu Nagahori Building, 4-26, Minamimemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

- (81) AE AG AL 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 B65D 23/00

(11) WO 2004/103838 (13) A1

(21) PCT/DE2004/001030

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 203 07 669.9 **16 May/mai 2003** DE
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PLASTIC CONTAINER PROVIDED WITH AT LEAST ONE SUCTION CUP
• CONTENANT CONSTITUE D'UN MATERIAU PLASTIQUE, COMPORTANT AU MOINS UNE VENTOUSE

(71, 72) **WICHELHAUS, Andre** [DE/DE]; Konradweg 9, 71384 Weinstadt (DE).

(74) **VIERING, Hans-Martin**; Viering, Jentschura & Partner, Steinsdorfstrasse 6, 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 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).

Published / Publiée : (c)

(51)⁷ **B65D 23/06, 47/40**

(11) **WO 2004/103839** (13) A1

(21) PCT/CA2004/000755

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 2,429,568 **23 May/mai 2003** CA
(23.05.2003)

(30) 2,447,534 **31 Oct/oct 2003** CA
(31.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CONTAINER WITH A NON-DRIP POURING LIP
• RECIPIENT A BEC VERSEUR ANTI-GOUTTE

(71, 72) **MORIN, Michel** [CA/CA]; 2109, chemin Bellevue, Carigan, Quebec J3L 3P9 (CA).

(74) **FINCHAM, Eric**; 1991 Perigny Blvd., Suite 104, Chambly, Quebec J3L 4C3 (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 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 **B65D 33/00**

(11) **WO 2004/103840** (13) A2

(21) PCT/US2004/015240

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/440,639 **19 May/mai 2003** US
(19.05.2003)

(30) 10/821,341 **9 Apr/avr 2004** US
(09.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CLOSURE DEVICE FOR A RECLOSABLE POUCH
• DISPOSITIF DE FERMETURE POUR SACHET REFERMABLE

(71) **S. C. JOHNSON HOME STORAGE, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

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

(72, 75) **DAIS, Brian, C.** [US/US]; 1258 Cranbrook Drive, Saginaw, MI 48603 (US). **PAWLOSKI, James, C.**; 3437 Pressler Court, Bay City, MI 48706 (US). **GUSTAFSON, David, W.** [US/US]; 2408 Lalkwood Drive, Midland, MI 48640 (US).

(74) **CHAPMAN, Kristin, L.**; S. C. JOHNSON HOME STORAGE, 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 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 **B65D 33/04**

(11) **WO 2004/103841** (13) A1

(21) PCT/FI2004/000300

(22) **19 May/mai 2004 (19.05.2004)**

(25) fi (26) en

(30) 20030762 **21 May/mai 2003** FI
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR PRODUCING WINDOW PACKAGING BAGS AND PRODUCTS FABRICATED WITH THE METHOD
• PROCEDE DE PRODUCTION DE SACS D'EMBALLAGE A FENETRE ET PRODUITS FABRIQUES AU MOYEN DE CE PROCEDE

(71) **SUOMINEN FLEXIBLE PACKAGING LTD.** [FI/FI]; Vestonkatu 24, FI-33730 Tampere (FI).

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

(72, 75) **BORËN, Pauli** [FI/FI]; Rinnetie 11, FI-15560 Nastola (FI). **HAUTAMÄKI, Osmo** [FI/FI]; Sysikuja 7, FI-62200 Kauhava (FI). **SIRËN, Kari** [FI/FI]; Muuntajantie 9,

FI-15880 Hollola (FI). **PIETILÄ, Ari-Pekka** [FI/FI]; Luodontie 14 B 9, FI-28330 Pori (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 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 **B65D 33/25**

(11) **WO 2004/103842** (13) A2

(21) PCT/FR2004/001114

(22) **7 May/mai 2004 (07.05.2004)**

(25) fr (26) fr

(30) 03/05988 **19 May/mai 2003** FR
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CLOSURE KIT FOR A BAG COMPRISING MEANS PREVENTING A CURSOR FROM BEING TORN OFF AND FITTED BAG
• ENSEMBLE DE FERMETURE POUR SACHET COMPRENANT DES MOYENS CONTRE L'ARRACHEMENT D'UN CURSEUR ET SACHET EQUIPE

(71) **S2F FLEXICO** [FR/FR]; 1, route de Méru, F-60119 Henonville (FR).

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

(72, 75) **BOIS, Henri, Georges** [FR/FR]; 61, boulevard d'Inkermann, F-92200 Neuilly-sur-Seine (FR). **EGGERMONT, Philippe** [FR/FR]; 2, Impasse Le Rêve, F-95660 Champagne-sur-Oise (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B65D 33/25**

(11) **WO 2004/103843** (13) A2

(21) PCT/FR2004/001185

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05887 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADVANCED PACKAGING METHOD
AND DEVICE, BAGS OBTAINED AND
USE THEREOF

• PROCEDE ET DISPOSITIF PERFECTIONNES D'EMBALLAGE, SACHETS OBTENUS ET LEUR APPLICATION

(71) S2F FLEXICO [FR/FR]; 1, route de Méru, F-60119 Henonville (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOIS, Henri, Georges [FR/FR]; 61, boulevard d'Inkermann, F-92200 Neuilly 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 39/00

(11) WO 2004/103844 (13) A1

(21) PCT/IB2003/002016

(22) 26 May/mai 2003 (26.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STRUCTURE OF CLOSURE FOR CLOSING LIQUID CONTAINERS

• STRUCTURE DE BOUCHAGE POUR BOUCHER DES CONTENANTS DE LIQUIDE

(71, 72) FANTIN, Nicola [IT/IT]; Via Pirandello, 3, I-36100 Vicenza (IT).

(74) MAROSCIA, Antonio; MAROSCIA & ASSOCIATI S.R.L., Contrà S. Caterina, 29, I-36100 Vicenza (IT).

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

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

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

(51)⁷ B65D 43/02

(11) WO 2004/103845 (13) A2

(21) PCT/EP2004/005260

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) A 789/2003 21 May/mai 2003 AT
(21.05.2003)(30) A 843/2003 30 May/mai 2003 AT
(30.05.2003)(30) A 1009/2003 2 Jul/juil 2003 AT
(02.07.2003)(30) A 817/2004 12 May/mai 2004 AT
(12.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PACKAGING CONTAINER COMPRISING A LID

• CONTENANT D'EMBALLAGE AVEC COUVERCLE

(71) RUNDPACK AG [CH/CH]; Rheinstrasse 6, CH-9444 Diepoldsau (CH).

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

(72, 75) SCHELLENBERG, Walter [CH/CH]; Unterdorfstrasse 21, CH-9444 Diepoldsau (CH).

(74) SECKLEHNER, Günter; 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 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 B65D 49/04

(11) WO 2004/103846 (13) A1

(21) PCT/IB2004/001648

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311720.7 22 May/mai 2003 GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NON-REFILLABLE POURING DEVICE

• DISPOSITIF VERSEUR N'AUTORISANT PAS DES REMPLISSAGES MULTIPLES

(71) DANIEL MONTGOMERY & SON LTD. [GB/GB]; Old Mill Park Estate, Kirkintilloch, Glasgow G66 1ST (GB).

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

(72, 75) THOMSON, David, William [GB/GB]; Old Mill Park Estate, Kirkintilloch, Glasgow G66 1ST (GB). JOHNSON, Stewart [GB/GB]; Old Mill Park Estate, Kirkintilloch, Glasgow G66 1ST (GB).

(74) PERANI, Aurelio; c/o Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 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 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).

Published / Publiée : (c)

(51)⁷ B65D 51/24

(11) WO 2004/103847 (13) A1

(21) PCT/PL2003/000045

(22) 26 May/mai 2003 (26.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MUSIC SCREW TOP FOR BOTTLE

• BOUCHON A VIS MUSICAL POUR BOUTEILLE

(71, 72) MROCZKOWSKI, Andrzej [PL/PL]; ul. M. Kopernika 10a/9, PL-10-511 Olsztyn (PL). BODUCH, Jerzy [PL/PL]; ul. Slodowa 4, PL-09-400 Plock (PL).

(74) KRAMARZ, Marek; ul. Obornicka 24/19, PL-51-113 Wrocław (PL).

(81) AU BR CA CN GE HR HU IL IN JP KR LT LV MX RO RU UA US YU ZA.

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

(51)⁷ B65D 63/18

(11) WO 2004/103848 (13) A1

(21) PCT/IB2003/004713

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE PLASTIC CARRY STRAP HAVING LATERALLY PROJECTING FOLDABLE HANDLES

• SANGLE DE TRANSPORT REGLABLE EN MATIERE PLASTIQUE A POIGNÉES LATÉRALES SAILLANTES ET REPLIABLES

(71) TAMA PLASTIC INDUSTRY [IL/IL]; Kibbutz Mishmar Ha'Emek, 19236 (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AGAYOF, Jacobv [IL/IL]; Kibbutz Mishmar Ha'Emek, 19236 (IL). TZUR, Gil

- [IL/IL]; Kibbutz Mishmar Ha'Emek, 19236 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 : (c), (f)

- (51)⁷ **B65D 65/46, 1/24, 25/08, C11D 17/04**
- (11) **WO 2004/103849** (13) A1
- (21) PCT/GB2004/002149
- (22) **18 May/mai 2004 (18.05.2004)**
- (25) en (26) en
- (30) 0311503.7 **20 May/mai 2003 GB (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WATER SOLUBLE CONTAINER
• CONTENANT SOLUBLE DANS L'EAU

(71) **RECKITT BENCKISER (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILER, Fabienne** [FR/GB]; Devonshire Park - App 16, Devonshire Street, Brimington S43 1JQ (GB).

(74) **BROWN, Andrew, Stephen et al.** / etc.; Group Patents Department, Reckitt Benckiser plc, Dansom Lane, Hull HU8 7DS (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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

- (51)⁷ **B65D 73/00, A45C 11/04**
- (11) **WO 2004/103850** (13) A1
- (21) PCT/US2003/000902
- (22) **11 Jan/jan 2003 (11.01.2003)**
- (25) en (26) en
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CASE FOR FLEXIBLE ELONGATED OBJECTS

- BOITE POUR OBJETS ALLONGES SOUPLES

(71) **STORUS CORPORATION** [US/US]; 12919 Alcosta, Ste. 1, San Ramon, CA 94583 (US).

(71, 72) **BLEGGI, Melissa, Ann** [US/US]; RR #2, Box 294, Wellsboro, PA 16901 (US).
PLUMLEY, Kathleen, D. [US/US]; 92 Pearl St., Wellsboro, PA 16901 (US).

(74) **LO, Jack**; 617 Viewridge Drive, Pacifica, CA 94044 (US).

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

- (51)⁷ **B65D 75/00, 75/38, 81/03**
- (11) **WO 2004/103851** (13) A1
- (21) PCT/IT2003/000305

(22) **21 May/mai 2003 (21.05.2003)**

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • A PACKAGE FOR ARTICLES OF SUBSTANTIALLY PARALLELEPIPEDAL SHAPE

- EMBALLAGE POUR ARTICLES SENSIBLEMENT PARALLELEPIPEDA- DIQUES

(71) **RIELLO INTERNATIONAL GROUP S.P.A.** [IT/IT]; Via Roma 44, I-37040 Bevilacqua VR (IT).

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

(72, 75) **RIELLO, Valerio, Giordano** [IT/IT]; Via Roma, 46, I-37040 Bevilacqua VR (IT).

(74) **PERANI, Aurelio et al.** / etc.; c/o Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 Milano (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 81/32, 83/00, A01M 1/20, A61L 9/03**

(11) **WO 2004/103852** (13) A1

(21) PCT/GB2004/002138

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 0311407.1 **19 May/mai 2003 GB (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • HEAT-ACTIVATED VAPOUR GENERATING DEVICE
• DISPOSITIF DE PRODUCTION DE CHALEUR THERMO-ACTIVE

(71) **WARMWAYS HEALTHCARE HOLDINGS PLC** [GB/GB]; 41 Beach Road, Littlehampton Sussex BN17 5JA (GB).

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

(72, 75) **ATKINSON, Keith Leslie** [GB/GB]; Buttercup Cottage, 1 Fitzalan Road, Arundel Sussex BN1 9JP (GB).

(74) **LOVEN, Keith, James**; Quantum House, 30 Tentercroft Street, LINCOLN Lincolnshire LN5 7DB (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 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).

Published / Publiée : (c)

- (51)⁷ **B65D 81/32**
- (11) **WO 2004/103853** (13) A1
- (21) PCT/US2003/025987
- (22) **19 Aug/août 2003 (19.08.2003)**
- (25) en (26) en
- (30) 10/439,515 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BEVERAGE STORAGE AND DISCHARGE CAP ASSEMBLY
• ENSEMBLE BOUCHON DE STOCKAGE ET D'EVACUATION DE BOISSON

(71, 72) **GIBLER, Gregory, A.** [US/US]; 1301 West 24th Street, Lawrence, KS 66067 (US).

(72) **HALL, Brian**; P.O.Box 418, Ottawa, KS 66067 (US).

(74) **REAM, Dale, J.**; Harshaw Research Inc., P.O. Box 418, Ottawa, KS 66067 (US).

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 81/38

(11) WO 2004/103854 (13) A2

(21) PCT/GB2004/002236

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311882.5 23 May/mai 2003 GB (23.05.2003)

(30) 0311884.1 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENT IN OR RELATING TO DRINKING VESSEL HOLDERS

• AMÉLIORATIONS APPORTÉES A DES ANSES PORTE-GOBELETS

(71, 72) ROKOV, David [GB/GB]; The Oast House, Hold Pound Lane, Holt Pound, Farnham, Surrey, GU10 4HY (GB). ROKOV, Stephen, Peter [GB/GB]; 95 Clun Road, Littlehampton, West Sussex BN17 7EG (GB).

(74) WALKER, Neville; Ipconsult, Upper Reaches, Cookham, Berkshire SL6 9EP (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 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 B65D 83/00, 47/20

(11) WO 2004/103855 (13) A1

(21) PCT/DK2004/000357

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) PA 2003 00760 20 May/mai 2003 DK (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTAINER FOR A LIQUID OR SEMI-LIQUID MATERIAL, METHOD FOR MANUFACTURING THE CONTAINER AND USE THEREOF

• RECIPIENT POUR MATERIAU LIQUIDE OU SEMI-LIQUIDE SON PROCEDE DE FABRICATION ET D'UTILISATION

(71, 72) LANGE LUND, Erik [DK/DK]; Sandagervej 24 A, DK-5854 Gislev (DK). NASH, Peter, William [DK/DK]; Lindebjerg 24, DK-5474 Veflinge (DK). KJELDSEN, Lasse [DK/DK]; Nyborgvej 50, DK-5772 Kværndrup (DK).

(74) PATENTGRUPPEN ApS; Arosgaarden, Aaboulevard 31, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B65D 83/04

(11) WO 2004/103856 (13) A1

(21) PCT/GB2004/002072

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 0311931.0 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PILL DISPENSING DEVICE

• DISPOSITIF DISTRIBUTEUR DE PILULES

(71) OWEN MUMFORD LIMITED [GB/GB]; Brook Hill, Woodstock, Oxfordshire OX20 1TU (GB).

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

(72, 75) MARTEAU, Dennis [GB/GB]; 32 Kennington Road, Oxford OX1 5NZ (GB). ROLFE, Steven, Mark [GB/GB]; 18 Crosslands, Fringford, Bicester, Oxon OX27 8DF (GB).

(74) WHINE-JONES LAINE & JAMES; Essex Place, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (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 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 B65D 83/04, A61J 7/00

(11) WO 2004/103857 (13) A1

(21) PCT/GB2004/002219

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311907.0 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PACK

• EMBALLAGE

(71) BOOTS HEALTHCARE INTERNATIONAL LIMITED [GB/GB]; 1 Thane Road West, Nottingham NG2 3AA (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PENFOLD, Christopher, Michael [GB/GB]; Boots Healthcare International Limited, 1 Thane Road West, Nottingham NG2 3AA (GB). BRITTON-WILLIAMS, Stephen, John [GB/GB]; Little Apples, Orchard Close, West End, Surrey GU24 9NS (GB). MAY, Stuart, Richard; 3 Brunswick Road, Kingston-Upon-Thames, Surrey KT2 6SB (GB).

(74) PIDGEON, Robert, John 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 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 B65D 83/16, B05B 1/34

(11) WO 2004/103858 (13) A2

(21) PCT/FR2004/001209

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/06043 **20 May/mai 2003** FR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISTRIBUTION HEAD MOUNTED ON OR PART OF A DISTRIBUTION ELEMENT FOR A FLUID PRODUCT

- TETE DE DISTRIBUTION MONTEE OU FAISANT PARTIE D'UN ORGANE DE DISTRIBUTION DE PRODUIT FLUIDE

(71) VALOIS SAS [FR/FR]; BP G, Le Prieuré, F-27110 Le Neubourg (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARCIA, Firmin [FR/FR]; 37 bis, avenue Aristide Briand, F-27000 Evreux (FR).
BERANGER, Stéphane [FR/FR]; 66, rue des Pépinières, F-27110 Le Neubourg (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 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 B65D 83/16, 83/22

(11) WO 2004/103859 (13) A2

(21) PCT/FR2004/001211

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/06044 **20 May/mai 2003** FR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISTRIBUTION ELEMENT FOR A LIQUID PRODUCT

- ORGANE DE DISTRIBUTION DE PRODUIT FLUIDE

(71) VALOIS SAS [FR/FR]; BP G, Le Prieuré, F-27110 Le Neubourg (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARCIA, Firmin [FR/FR]; 37bis, avenue Aristide Briand, F-27000 Evreux (FR).
BERANGER, Stéphane [FR/FR]; 66, rue des Pépinières, F-27110 Le Neubourg (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 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 B65D 90/00, E05D 11/00

(11) WO 2004/103860 (13) A1

(21) PCT/GB2004/002220

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0312023.5 **24 May/mai 2003** GB
(24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CUSTOMS SEAL FOR FREIGHT CONTAINER DOOR

- SCELLE DOUANIER POUR PORTE DE CONTENEUR DE FRET

(71, 72) REYNARD, Kenneth [GB/GB]; Unit 7, Carlton Miniott Business Park, Carlton Road, Thirsk YO7 4NF (GB).

(74) ORR, William, Mclean; Urquhart-Dykes & Lord LLP, Tower North Central, Merriam 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 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 B65F 1/14

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(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 523797 **23 May/mai 2003** NZ
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A COMPACTOR

- COMPACTEUR

(71, 72) MAFI, Brian, Tulima [NZ/NZ]; 22 Fergusson Street, Tokoroa (NZ).

(74) WILSON, Kathryn, S. et al. / etc.; Level 9, James & Wells Tower, 56 Cawley Street, Private Bag, 11907 Auckland (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 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 B65G

(11) WO 2004/103862 (13) A2

(21) PCT/US2004/010394

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/437,580 **14 May/mai 2003** US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR TRANSPORTING ARTICLES

- PROCEDE ET DISPOSITIF POUR LE TRANSPORT D'ARTICLES

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAJ, Babak, R. [US/US]; 1060 West Second Street, Elmira, NY 14905 (US).

(74) LAUROESCH, Mark, W.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 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).

(51)⁷ B65G 1/04

(11) WO 2004/103863 (13) A1

(21) PCT/FI2004/050072

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 20030748 **20 May/mai 2003** FI
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARRANGEMENT AND METHOD IN CIRCUMFERENTIAL STORAGE AND A TRANSFERRING DEVICE IN THE CIRCUMFERENTIAL STORE

- DISPOSITIF ET PROCEDE DANS UN SYSTEME DE STOCKAGE CIRCULAIRE, ET DISPOSITIF DE TRANSFERT DANS L'UNITE DE STOCKAGE CIRCULAIRE

(71) JL-SUUNNITTELU LAKOME OY [FI/FI]; Sorastajantie 6, FI-40320 Jyväskylä (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEHTONEN, Jorma [FI/FI]; Heinäahontie 43, FI-41710 Rutalahti (FI).

- (74) KESPAT OY; P.O. Box 601, FI-40101 Jyväskylä (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 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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(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-143838 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARTICLE CONTROL SYSTEM, ARTICLE CONTROL SERVER, ARTICLE CONTROL METHOD

• SYSTEME DE COMMANDE D'OBJETS, SERVEUR DE COMMANDE D'OBJETS, PROCEDE DE COMMANDE D'OBJETS

(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) SATO, SatoshiOKAMOTO, Shusaku-NAKAGAWA, MasamichiNOBORI, KunioYAMADA, OsamuNARUOKA, TomonobuMATSUKAWA, Yoshihiko-MORINAKA, YasuhiroAOKI, Katsuji-NAKATA, Mikiya

(74) MAEDA, Hiroshi et al. / etc.; Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B65G 17/02, 17/46, 47/88, 49/00, B07B 13/14, B07C 5/00, A01D 46/28, 57/06, 57/20

(11) WO 2004/103865 (13) A1

(21) PCT/AU2004/000687

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 2003902499 22 May/mai 2003 AU (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A FOLDABLE CONVEYOR BELT AND SYSTEM FOR SEPARATING MATERIAL

• COURROIE DE TRANSPORT PLIABLE ET SYSTEME DE SEPARATION DE MATERIAU

(71, 72) MESSENGER, Scott [AU/AU]; PO Box 211, Penola, South Australia 5277 (AU).

(74) LESICAR PERRIN; 49 Wright Street, 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 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 B65G 51/00

(11) WO 2004/103866 (13) A2

(21) PCT/IB2004/001637

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) PI2003A000034 23 May/mai 2003 IT (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR PNEUMATIC CONVEYING LEATHERS AND VARIOUS PRODUCTS IN A TANNERY SETTING

• PROCEDE ET APPAREIL DE TRANSPORT PNEUMATIQUE DE PEAUX ET DE PRODUITS DIVERS DANS UNE TANNERIE

(71) ITALPROGETTIENGINEERING S.R.L. [IT/IT]; Via Lungarno Pacinotti, 59/A, San Romano, I-56020 Montopoli V.A. (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SERRINI, Mario [IT/IT]; Via Poggio ai Frati, 18, I-56024 San Miniato (IT).

(74) CIOPI, Gianluigi; Italbrevetti di G. Giorgi, Piazza della Libertà, 14, I-56025 Pontedera (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 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 B65G 61/00, G06F 17/60, G08G 1/00

(11) WO 2004/103867 (13) A1

(21) PCT/JP2003/006178

(22) 19 May/mai 2003 (19.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PACKAGE DELIVERING METHOD
• PROCEDE DE LIVRAISON DE COLIS

(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) ITO, Takahiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ENOMOTO, Tadaaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HOUMURA, Toshikazu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). IMAMATSU, Ken'ichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MATSUURA, Manabu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAMATA, Yuko [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) JP US.

(51)⁷ B65G 67/60

(11) WO 2004/103868 (13) A2

(21) PCT/CA2004/000746

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 2,428,936 20 May/mai 2003 CA (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF-SUPPORTING FLEXIBLE SHIP-LOADING ARM FOR PNEUMATIC TRANSFER OF SOLIDS

• BRAS AUTOPORTEUR FLEXIBLE DE CHARGEMENT DE NAVIRE POUR LE TRANSFERT PNEUMATIQUE DE SOLIDES

(71) FALCONBRIDGE LIMITED [CA/CA]; 95 Wellington Street W., Suite 1200, Toronto, Ontario M5J 2V4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PASCOLI, Jean-Pierre [CA/CA]; 6 Belvedere Street, Box 266, Temiscaming, Quebec J0Z 3R0 (CA).

(74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montréal, Québec 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 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 B65H 29/00, 29/12, 29/14, B41J 13/10, 1/00

(11) WO 2004/103869 (13) A1

(21) PCT/EP2004/004357

(22) 24 Apr/avr 2004 (24.04.2004)

(25) de (26) de

(30) 103 23 051.3 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONDITIONING DEVICE

• DISPOSITIF DE CONDITIONNEMENT

(71) BASYS GMBH [DE/DE]; Druck-, Lichtpaus- und Reprosysteme, Wilhelm-Fres-sel-Str. 4, 21337 Lüneburg (DE).

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

(72, 75) GEFKE, Hermann [DE/DE]; Pannerweg 7, 21398 Neetze (DE).

(74) KLOIBER, Thomas; An der Alster 84, 20099 Hamburg (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 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 B65H 35/07, B60R 22/12

(11) WO 2004/103870 (13) A1

(21) PCT/JP2004/007077

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-147748 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADHESIVE TAPE FOR SEAT BELT, SEAT BELT, ADHESIVE TAPE DELIVERY DEVICE, AND METHOD OF

STICKING ADHESIVE TAPE ON SEAT BELT USING THE DEVICE

• BANDE ADHESIVE POUR CEINTURE DE SECURITE, CEINTURE DE SECURITE CORRESPONDANTE, DISPOSITIF DE DISTRIBUTION DE BANDES ADHESIVES ET PROCEDE DE COL-LAGE DE BANDE ADHESIVE SUR UNE CEINTURE DE SECURITE A L'AIDE DUDIT DISPOSITIF

(71) TANABESEIKI, LTD. [JP/JP]; 1104-4, Kamisouyagi, Yamato-shi, Kanagawa 2420029 (JP).

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

(72, 75) TANABE, Tsuyoshi [JP/JP]; 1104-4, Kamisouyagi, Yamato-shi, Kanagawa 2420029 (JP).

(74) MATSUYAMA, Masayuki et al. / etc.; No. 403, Ginyou Bldg., 9-40, Kitasaiwai 2-chome, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ B65H 39/14

(11) WO 2004/103871 (13) A1

(21) PCT/NL2004/000352

(22) 19 May/mai 2004 (19.05.2004)

(25) nl (26) en

(30) 1023488 21 May/mai 2003 NL (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR CONVEYING A STRIP OF CARDS IN A CARD-STICKING MACHINE

• PROCEDE ET DISPOSITIF DE TRANS-PORT D'UNE BANDE DE CARTES DANS UNE MACHINE A COLLER DES CARTES

(71) COMMCARD B.V. [NL/NL]; 24 Hulswitweg, NL-2031 BG Haarlem (NL).

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

(72, 75) DE VEER, Cornelus, Hermanus [NL/NL]; 20 Van Galenstraat, NL-1971 DZ Ijmuiden (NL).

(74) MERTENS, H., V.; 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 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).

Published / Publiée : (c)

(51)⁷ B65H 45/28, A61F 13/15

(11) WO 2004/103872 (13) A1

(21) PCT/EP2004/005461

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 25 360.2 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR PRODUCING MULTI-PLY OBJECTS

• DISPOSITIF POUR PRODUIRE DES OBJETS MULTICOUCHES

(71) MEDICON GMBH & CO. KG [DE/DE]; Steinbeisweg 20, 74523 Schwäbisch Hall (DE).

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

(72, 75) MEYER, Erich [DE/DE]; Gipsmühle 1, 74523 Schwäbisch Hall (DE). GRIESSMAYR, Klaus [DE/DE]; Kriegshaldenstrasse 1, 74538 Rosengarten-Rieden (DE). ILLNER, Klaus [DE/DE]; Tillsitterweg 41, 74523 Schwäbisch Hall (DE).

(74) 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 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).

Published / Publiée : (c)

(51)⁷ B65H 75/22, G02B 6/44

(11) WO 2004/103873 (13) A1

(21) PCT/US2004/013521

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/440,995 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CABLE DEPLOYMENT AND STORAGE SYSTEM AND ASSOCIATED METHODS

- SYSTEME DE DEPLOIEMENT ET DE STOCKAGE DE CABLE ET PROCEDES ASSOCIES

(71) **COMMScope, INC. OF NORTH CAROLINA** [US/US]; 1100 Commscope Place, SE, Hickory, North Carolina 28603 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOGEL, Mark O.** [US/US]; 1274 Fourth Creek Landing Dr., Statesville, North Carolina 28625 (US). **GEMME, Christopher P.** [US/US]; 2736 25th Street NE, Hickory, North Carolina 28601 (US). **AL-RUTZ, Mark E.** [US/US]; 910 37th Ave NE, Hickory, North Carolina 28601 (US). **LEE, Martin B.** [US/US]; 203 Fox Briar Lane, Cary, North Carolina 27511 (US).

(74) **REGAN, Christopher F. et al.** / etc.; 255 S. Orange Ave, Suite 1401, Orlando, Florida 32802-3791 (US).

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

Published / Publiée : (c)

(51)⁷ **B65H 75/28**

(11) **WO 2004/103874** (13) A1

(21) PCT/US2004/015575

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 10/439,559 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **VACUUM DRAW SYSTEM FOR A YARN CARRIER START-UP GROOVE**
• SYSTEME D'ASPIRATION POUR RAI-NURE DE DEPART D'UN PORTE-FIL

(71) **SONOCO DEVELOPMENT, INC.** [US/US]; North Second Street, Hartsville, SC 29550 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COUCHEY, Brian, P.** [US/US]; 402 Shady Point Drive, Inman, SC 29349 (US). **DESROSIERS, Victor, J.** [US/US]; 55 Williams Street, Kinderhook, NY 12106 (US). **SREVEN, James, P.** [US/US]; 1502 Maple Crest Drive, Castleton, NY 12033 (US).

(74) **DURLING, Thomas, J.**; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, 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 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).

Published / Publiée : (c)

(51)⁷ **B65H 75/44**

(11) **WO 2004/103875** (13) A1

(21) PCT/AU2004/000653

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 2003902421 **20 May/mai 2003 (20.05.2003)** AU

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **ELECTRICALLY CONTROLLED HOSE REEL REWIND APPARATUS**
• DISPOSITIF DE REMBOBINAGE DE DEVIDOIR DE TUYAU A COMMANDE ELECTRIQUE

(71, 72) **HASKINS, Robert, Gerald** [AU/AU]; 95 Abercrombie Road, Oberon, NSW 2787 (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 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).

Published / Publiée : (b), (n)

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 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)

(u) for / pour US only / seulement

(v) for all designations / pour toutes les désignations

(51)⁷ **B66B**

(11) **WO 2004/103876** (13) A2

(21) PCT/IB2004/001649

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 716/DEL/2003 **21 May/mai 2003 (21.05.2003)** IN

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **AN ESCALATOR**
• ESCALIER ROULANT

(71, 72) **SRIVASTAVA, Anshu** [IN/IN]; C-3/91 Airport Apartment, Vikaspuri, New Delhi 110 018 (IN). **SRIVASTAVA, Rajesh** [IN/IN]; C-3/91 Airport Apartment, Vikaspuri, New Delhi 110 018 (IN).

(74) **GOPALAN, Deepak, Srinivas 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declarations / Déclarations :

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

(51)⁷ **B66B 1/18, 1/20**

(11) **WO 2004/103877** (13) A1

(21) PCT/US2003/016087

(22) **19 May/mai 2003 (19.05.2003)**

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **ELEVATOR CAR SEPARATION BASED ON RESPONSE TIME**
• SEPARATION DE CABINES D'ASCENCEURS FONDEE SUR LE TEMPS DE REPONSE

(71) **OTIS ELEVATOR COMPANY** [US/US]; Intellectual Property Department, 10 Farm Springs, Farmington, CT 06032 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTY, Theresa** [US/US]; 254 West-point Terrace, West Hartford, CT 06107 (US). **ROSS, Mark** [US/US]; 301 Walnut Tree Hill Road, Shelton, CT 06484 (US).

(74) **OSBORN, Thomas**; Otis Elevator Company, 10 Farm Springs, Farmington, CT 06032 (US).

(81) AE AG AL 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 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 B66B 1/30

(11) WO 2004/103878 (13) A1

(21) PCT/JP2003/006283

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELEVATOR CONTROL DEVICE

• DISPOSITIF DE COMMANDE
D'ASCENSEUR

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

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

(72, 75) YONEMOTO, Masashi [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 B66B 3/00

(11) WO 2004/103879 (13) A1

(21) PCT/US2003/015950

(22) 19 May/mai 2003 (19.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELEVATOR CALL BUTTON WITH
TACTILE FEEDBACK

• TOUCHE D'APPEL D'ASCENSEUR
AVEC RETROACTION TACTILE

(71) OTIS ELEVATOR COMPANY [US/US];
Ten Farm Springs Road, Farmington, CT
06032 (US).

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

(72, 75) STRANIERI, Paul, A. [US/US]; 110
Southdown Drive, Bristol, CT 06010 (US).
NGUYEN, Dang, V. [US/US]; 10 Cardinal
Way, South Windsor, CT 06074 (US).

(74) GASKEY, David, J.; Carlson, Gaskey &
Olds, 400 W. Maple Rd., Ste. 350, Birming-
ham, MI 48009 (US).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B66B 5/00

(11) WO 2004/103880 (13) A1

(21) PCT/EP2004/005180

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 23 175.7 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEST LEVER

• LEVIER DE CONTROLE

(71) TÜV INDUSTRIES GMBH-TÜV RHEIN-
LAND GROUP [DE/DE]; Am Grauen Stein,
51105 Köln (DE).

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

(72, 75) RYSER, Hans [CH/DE]; Seerosensteig
25A, 12347 Berlin (DE). FIEDLER, Mar-
tin [DE/DE]; Tarostrasse 20, 04103 Leipzig
(DE).

(74) MAXTON LANGMAACK & PARTNER;
Postfach 51 08 06, 50944 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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B66B 11/04

(11) WO 2004/103881 (13) A1

(21) PCT/ES2003/000232

(22) 21 May/mai 2003 (21.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VERTICAL TRACTION SYSTEM FOR
ELEVATORS, WITH BUILT-IN CON-
TROL, SAFETY AND EMERGENCY
SYSTEM

• SYSTEME D'ENTRAINEMENT POUR
ASCENSEURS EQUIPE D'UN MECA-
NISME DE REGLAGE, DE SECURITE
ET DE SECOURS INTEGRE

(71, 72) LASA BERSATEGUI, Javier
[ES/ES]; Beasainbidea, 22, E-20216 Or-
maiztegui Guipuzcoa (ES). AZURMENDI
INCHAUSTI, Juan, Jose [ES/ES]; Landalu-
cia, 22, E-01015 Vitoria (ES).

(74) URIZAR ANASAGASTI, Jose, Antonio;
Puerto Rico, 6-A, bajo, E-28016 Madrid (ES).

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

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

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(51)⁷ B66F 9/075

(11) WO 2004/103882 (13) A1

(21) PCT/EP2004/004715

(22) 4 May/mai 2004 (04.05.2004)

(25) de (26) de

(30) 103 23 641.4 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MOVABLE SENSOR DEVICE ON THE
LOADING MEANS OF A FORKLIFT

• DISPOSITIF DE DETECTION MOBILE
FIXE AU MOYEN DE CHARGE D'UN
CHARIOT ELEVATEUR A FOURCHE

(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) BRÖSEL, Ralf [DE/DE]; Spreng-
elstrasse 25, 13353 Berlin (DE).
HORSTMANN, Sven [DE/DE]; Tre-
itschkestrasse 8, 12163 Berlin (DE). KÜT-
TNER, Lars [DE/DE]; Pommersche Strasse
6, 10707 Berlin (DE). STOPP, Andreas
[DE/DE]; Grüner Bogen 51, 15366 Neuen-
hagen b. 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 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 B66F 9/14, 9/07, B65G 1/04

(11) WO 2004/103883 (13) A1

(21) PCT/AT2004/000175

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) A 778/2003 20 May/mai 2003 AT
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TELESCOPIC PUSH ARM, PARTICULARLY FOR A LOAD-RECEIVING MEANS

- BRAS DE POUSSEE TELESCOPIQUE UTILISE EN PARTICULIER POUR UN DISPOSITIF DE RECEPTION DE CHARGES

(71) TGW TRANSPORTGERÄTE GMBH & CO. KG. [AT/AT]; Collmannstrasse 2, A-4600 Wels (AT).

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

(72, 75) HANSL, Rudolf [AT/AT]; Württembergstrasse 44/2, A-4813 Altmünster (AT). REISCHL, Josef [AT/AT]; Kamillenweg 1, A-4623 Gunskirchen (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 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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(30) 2,421,801 13 Mar/mar 2003 CA (13.03.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC VALVE ASSEMBLY FOR A WATER COOLER RESERVOIR

- ENSEMBLE SOUPAPE AUTOMATIQUE POUR RESERVOIR D'UN REFROIDISSEUR D'EAU

(71) DENFRED HOLDINGS LTD. [CA/CA]; 11925-145 Street, Edmonton, Alberta T5L 2H4 (CA).

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(72) RIVARD, Dennis; 21 Kingston Close, St. Albert, Alberta T8N 5S1 (CA). LIU, Zhen-dongKUN, Fan

(74) EVERITT, Peter, R.; Kvas Miller Everitt, 3300 Bloor Street West, Suite 3100, Toronto, Ontario M8X 2X3 (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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(30) 60/470,786 15 May/mai 2003 US (15.05.2003)

(30) 10/638,513 11 Aug/août 2003 US (11.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC LIQUID DISPENSER

- DISTRIBUTEUR AUTOMATIQUE DE LIQUIDES

(71, 72) MAZURSKY, Richard [US/US]; 7 Fox Tail Lane, Riverwoods, IL 60015 (US). WASKIN, David, M. [US/US]; 55 South Vail Ave. #514, Arlington Heights, IL 60005 (US).

(74) MORRIS, David, R.; Michael Best & Friedrich LLP, 401 N. Michigan Avenue, Chicago, IL 60611 (US).

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

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

(51)⁷ B67D

(11) WO 2004/103886 (13) A2

(21) PCT/US2004/013974

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 10/429,333 5 May/mai 2003 US (05.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROFABRICATED MICRO FLUID CHANNELS

- CANAUX POUR MICROFLUIDES FABRIQUES PAR PROCÉDE MICROSCOPIQUE

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 S. Wright, Urbana, IL 61801 (US).

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(72, 75) LIU, Chang [US/US]; 1828 Tahoe Court, Champaign, IL 61801 (US). RYU, Kee [KR/US]; 1004 E. Kerr Avenue, Apt. 302, Urbana, IL 61802 (US). BULLEN, David [US/US]; 1012 East Kerr Avenue, Apt. 301, Urbana, IL 61802 (US).

(74) RAUCH, Paul, E.; Evan Law Group LLC, 566 West Adams, Suite 350, 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 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 B67D

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(25) en (26) en

(30) 60/471,120 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF-CONTAINED BEVERAGE DISPENSING APPARATUS

- DISTRIBUTEUR DE BOISSONS AUTONOME

(71) SIP SYSTEMS LLC [US/US]; 6870 Rustic Drive, Parker, CO 80138 (US).

(72) AGUIRRE, Carlos, J.; 21550 Burbank Boulevard #105, Woodland Hills, CA 91367 (US). NORTON, Robert, M.; 6870 Rustic Drive, Parker, CO 80138 (US). PEARSON, Chris, III; 6264 North Belmont Way, Parker, CO 80134 (US). STEPHENS, Bobby, Joe; 2084 Stonebrook Drive, Birmingham, AL 35242 (US).

(74) BIALECKI, Scott, R. et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 B67D

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(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,190 20 May/mai 2003 US
(20.05.2003)(30) Not furnished / 19 May/mai 2004 US
non communiqué (19.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEMS AND METHODS FOR
PROVIDING A DYNAMICALLY AD-
JUSTABLE RECIPROCATING FLUID
DISPENSER

• SYSTEMES ET PROCEDES DE MISE
EN OEUVRE D'UN DISTRIBUTEUR DE
LIQUIDE ALTERNATIF A REGLAGE
DYNAMIQUE

(71) ZAXIS, INC. [US/US]; 79 West 500 South,
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(72) PEELER, Scott, C.; 3110 East Deerhollow,
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(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 B81B

(11) WO 2004/103889 (13) A2

(21) PCT/US2004/012538

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/470,456 14 May/mai 2003 US
(14.05.2003)(30) 10/830,374 22 Apr/avr 2004 US
(22.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROSTRUCTURES USING CAR-
BON FIBER COMPOSITE HONEY-
COMB BEAMS

• MICROSTRUCTURES A FAISCEAUX
EN NID D'ABEILLES COMPOSITES
DE FIBRE DE CARBONE

(71) THE REGENTS OF THE UNIVERSITY
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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 B81B 1/00

(11) WO 2004/103890 (13) A1

(21) PCT/SE2004/000794

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0301539-3 23 May/mai 2003 SE
(23.05.2003)(30) 60/472,924 23 May/mai 2003 US
(23.05.2003)(30) 0400917-1 5 Apr/avr 2004 SE
(05.04.2004)(30) 60/559,565 5 Apr/avr 2004 US
(05.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDROPHILIC/HYDROPHOBIC SUR-
FACES

• SURFACES HYDROPHILES/HYDRO-
PHOBES

(71) GYROS AB [SE/SE]; Uppsala Science Park,
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(74) BERGANDER, Håkan; Uppsala Science
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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 B81B 1/00

(11) WO 2004/103891 (13) A1

(21) PCT/SE2004/000795

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(25) en (26) en

(30) 0301539-3 23 May/mai 2003 SE
(23.05.2003)(30) 60/472,924 23 May/mai 2003 US
(23.05.2003)(30) 0400917-1 5 Apr/avr 2004 SE
(05.04.2004)(30) 60/559,565 5 Apr/avr 2004 US
(05.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUIDIC FUNCTIONS BASED ON
NON-WETTABLE SURFACES

• FONCTIONS FLUIDIQUES BA-
SEES SUR DES SURFACES NON
MOUILLABLES

(71) GYROS AB [SE/SE]; Uppsala Science Park,
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(72, 75) FIELDEN, Matthew [AU/SE]; Skolvä-
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NERFORS, Therese [SE/SE]; Sättra
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DÉRAND, Helene [SE/SE]; Enstavägen
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(74) BERGANDER, Håkan; Gyros AB, Uppsala
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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 B81B 3/00, B81C 1/00, H01L 29/84

(11) WO 2004/103892 (13) A1

(21) PCT/JP2003/005404

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR FABRICATING
MICROSTRUCTURE AND MI-
CROSTRUCTURE

• PROCEDE DE FABRICATION DE MI-
CROSTRUCTURE ET MICROSTRUC-
TURE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(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 B81C 1/00, H01L 21/306, 41/22, 27/10

(11) WO 2004/103893 (13) A1

(21) PCT/JP2004/006937

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144441 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FINE STRUCTURE AND METHOD FOR PREPARATION THEREOF
• STRUCTURE FINE ET SON PROCÉDE DE PREPARATION

(71) DEPT Corporation [JP/JP]; Furukawa Bldg. 7F, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1000005 (JP). MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo, 1080014 (JP).
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(72, 75) UENO, Takashi [JP/JP]; c/o DEPT Corporation, Furukawa Bldg. 7F, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1000005 (JP). MOCHIZUKI, Takashi [JP/JP]; c/o DEPT Corporation, Furukawa Bldg. 7F, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1000005 (JP). NAKAMURA, Shinichiro [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa, 2278502 (JP). MIKAMI, Masayoshi [JP/JP]; c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa, 2278502 (JP).

(74) YANASE, Mutsuyasu et al. / etc.; Patent Attorneys "Shinpo", 1-20-10-203, Takadanobaba, Shinjuku-ku, Tokyo, 1690075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C01B 3/02, 3/26, 31/20

(11) WO 2004/103894 (13) A1

(21) PCT/US2004/011576

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,465 16 Apr/avr 2003 US (16.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PRODUCING HIGH-PRESSURE HYDROGEN
• OBTENTION D'HYDROGENE HAUTE PRESSION

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(74) JOHNSON, Bruce, A.; Johnson & Associates, PO Box 90698, Austin, TX 78709-0698 (US).

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

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

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(25) ru (26) ru

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR HYDROGEN SULPHIDE DECOMPOSITION
• PROCÉDE DE DECOMPOSITION DE SULFURE D'HYDROGENE

(71) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSISKOI AKADEMII NAUK [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).
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(72, 75) STARTSEV, Anatolii Nikolaevich [RU/RU]; Morskoi pr., 60-25, Novosibirsk, 630090 (RU). PARMON, Valentin Nikolaevich [RU/RU]; ul. Voevodskogo, 1-1, Novosibirsk, 630090 (RU). BALZINI-MAEV, Bair Sidipovich [RU/RU]; ul. Demakova, 9-135, Novosibirsk, 630128 (RU). ZAKHAROV, Ivan Ivanovich [RU/RU]; ul. Ekvatornaya, 14-103, Novosibirsk, 630060 (RU). ZAGORUIKO, Andrey Nikolaevich [RU/RU]; ul. Akademicheskaya, 17-24, Novosibirsk, 630090 (RU). KUZNETSOV, Pavel Alexandrovich [RU/RU]; ul. Lesosechnaya, 2-154, Novosibirsk, 630060 (RU). VOROSHINA, Olga Valeryevna [RU/RU]; ul. Tereshkovoi, 48-514, Novosibirsk, 630090 (RU).

(74) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSISKOI AKADEMII NAUK; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

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

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

(51)⁷ C01B 3/34, C10G 2/00

(11) WO 2004/103896 (13) A1

(21) PCT/GB2004/002210

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311725.6 **21 May/mai 2003** GB
(**21.05.2003**)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PROCESS COMPRISING A SYNTHESIS GAS FORMATION AND A HYDRO-CARBON PRODUCT FORMATION
- PROCEDE COMPRENANT LA FORMATION D'UN GAZ DE SYNTHÈSE ET LA FORMATION D'UN PRODUIT HYDROCARBONE

(71) **DAVY PROCESS TECHNOLOGY LIMITED** [GB/GB]; 20 Eastbourne Terrace, London W2 6LE (GB).

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

(72, 75) **HENSMAN, John, Richard** [GB/GB]; Davy Process Technology Limited, 20 Eastbourne Terrace, London W2 6LE (GB).

(74) **SMAGGASGALE, Gillian, Helen;** W.P. Thompson & Co., 55 Drury Lane, London WC2B 5SQ (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 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 **C01B 3/38, B01B 1/00, F28F 3/08**

(11) **WO 2004/103897** (13) A1

(21) PCT/EP2004/050823

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 03253282.2 **23 May/mai 2003** EP
(**23.05.2003**)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • QUENCH FOR COOLING SYNGAS AND APPARATUS CONTAINING A CATALYTIC PARTIAL OXIDATION REACTOR AND SUCH A QUENCH
- SERPENTIN POUR REFROIDISSEMENT DE GAZ SYNTHÉTIQUE ET APPAREIL CONTENANT UN REACTEUR A OXYDATION PARTIELLE AINSI QU'UN SERPENTIN DE CE TYPE

(71) **HYDROGENSOURCE LLC** [US/US]; 60 Bidwell Road, South Windsor, Connecticut (US).

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

(72, 75) **KAART, Sander** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(74) **ZEESTRATEN, Albertus Wilhelmus Joannes;** c/o Shell International B.V., Intellectual Property Services, P O Box 384, NL-2501 CJ 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 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 **C01B 11/02**

(11) **WO 2004/103898** (13) A1

(21) PCT/US2004/015730

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/471,670 **19 May/mai 2003** US
(**19.05.2003**)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COMPOSITIONS, DEVICES AND METHODS FOR STABILIZING AND INCREASING THE EFFICACY OF HALOGEN DIOXIDE SOLUTIONS

- COMPOSITIONS, DISPOSITIFS ET PROCÉDES DE STABILISATION ET D'AUGMENTATION DE L'EFFICACITÉ DE SOLUTIONS DE DIOXYDE D'HALOGENE

(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) **ROSELLE, Brian, Joseph** [US/US]; 1490 Bruton Parish Way, Fairfield, OH 45014 (US). **HUNTINGTON, Gregory, Bruce** [US/US]; 7481 Hosbrook Road, Cincinnati, OH 45243 (US). **TREMBLAY, Mario, Elmen** [US/US]; 7897 Woodglen Drive, West Chester, OH 45069 (US). **PETTIGREW, Charles, Allen, Jr.** [US/US]; 8753 Allencrest Drive, West Chester, OH 45069 (US). **BARNABAS, Freddy, Arthur** [US/US]; 5777 Sawgrass Drive, West Chester, OH 45069 (US).

(74) **THE PROCTER & GAMBLE COMPANY;** c/o T. David Reed, 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 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 **C01B 13/02**

(11) **WO 2004/103899** (13) A1

(21) PCT/KR2004/001209

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10-2003-0032804 **23 May/mai 2003** KR
(**23.05.2003**)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • APPARATUS FOR PRODUCING OXYGEN AND METHOD FOR CONTROLLING THE SAME

- APPAREIL DE PRODUCTION D'HYDROGENE ET SON PROCEDE DE SURVEILLANCE

(71) **YONSEI UNIVERSITY** [KR/KR]; 134, Shinchon-dong, Seodaemun-gu, Seoul 120-749 (KR).

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(72, 75) **LEE, Chang-Ha** [KR/KR]; Mokdong Apt. #213-304, Mok-dong, Yangcheon-gu, Seoul 158-050 (KR).

(74) **CHOI, Kyu-Pal;** Halla Classic Building 4F., 824-11 Yeoksam-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 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 **C01B 13/34, C01F 17/00, C01G 25/02, 45/02, 45/12, 49/02, 23/00, B01J 23/00, 23/10, 35/10, C09K 3/14, H01M 8/10, 10/00**

(11) **WO 2004/103900** (13) A1

(21) PCT/IB2003/002010

(22) **20 May/mai 2003 (20.05.2003)**

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METAL DELIVERY SYSTEM FOR NANOPARTICLE MANUFACTURE

- SYSTEME D'AMENEE DE METAL POUR LA FABRICATION DE NANOPARTICULES

(71) **EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH** [CH/CH]; Rämistrasse 101, CH-8092 Zürich (CH).

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

(72, 75) **STARK, Jan, Wendelin** [CH/CH]; Mockentobel 3, CH-8400 Winterthur (CH). **PRATSINIS, Sotiris, E.** [US/CH]; Auroras-trasse 73, CH-8032 Zürich (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK 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 31/02
- (11) WO 2004/103901 (13) A1
- (21) PCT/JP2004/006463
- (22) 13 May/mai 2004 (13.05.2004)
- (25) ja (26) ja
- (30) 2003-142321 20 May/mai 2003 JP (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CARBON NANOHORN ASSEMBLY PRODUCING METHOD
- PROCEDE DE PRODUCTION D'ENSEMBLE DE NANOCORNES DE CARBONE
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AZAMI, Takeshi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). KASUYA, Daisuke [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). KUBO, Yoshimi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). YUDASAKA, Masako [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (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 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 C01B 31/02
- (11) WO 2004/103902 (13) A1
- (21) PCT/JP2004/006744
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-142450 20 May/mai 2003 JP (20.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CARBON NANOHORN PRODUCING DEVICE AND CARBON NANOHORN PRODUCING METHOD
- DISPOSITIF ET PROCÉDÉ DE PRODUCTION DE NANO-CORNETS DE CARBONE
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AZAMI, Takeshi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). KASUYA, Daisuke [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). IJIMA, Sumio [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). KUBO, Yoshimi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP). YUDASAKA, Masako [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (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 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 C01B 31/02
- (11) WO 2004/103904 (13) A1
- (21) PCT/US2004/015289
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/470,390 14 May/mai 2003 US (14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • LOW TEMPERATURE SYNTHESIS OF CARBON NANOTUBES
- SYNTHESE BASSE TEMPERATURE DE NANOTUBES DE CARBONE
- (71) CENTRAL MICHIGAN UNIVERSITY BOARD OF TRUSTEES [US/US]; 106 Warriner Hall, Mt. Pleasant, MI 48859 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FAHLMAN, Bradley, D. [CA/US]; 401 S. Elizabeth Street, Mt. Pleasant, MI 48858 (US).
- (74) FALCOFF, Monte, L. et al. / etc.; Harness, Dickey & Pierce, PLC, 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 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 C01B 31/02, B01J 20/20, B82B 1/00, 3/00, C23C 14/28, H01L 29/06
- (11) WO 2004/103903 (13) A1
- (21) PCT/JP2004/006820
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-146569 23 May/mai 2003 JP (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • NANOSIZED CARBONACEOUS MATERIAL THREE-DIMENSIONAL STRUCTURE AND PROCESS FOR PRODUCING THE SAME
- STRUCTURE TRIDIMENSIONNELLE DE MATERIAU CARBONE DE TAILLE NANOMETRIQUE ET PROCESSUS DE PRODUCTION DE CELLE-CI
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYAMOTO, Yoshiyuki [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). KAWAI, Takazumi [JP/JP]; c/o NEC Corporation,

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C01D 7/14, 7/12

(11) WO 2004/103905 (13) A1

(21) PCT/EP2004/050857

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0306362 21 May/mai 2003 FR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR THE MANUFACTURE OF SODIUM CARBONATE
• PROCEDE DE PRODUCTION DE CARBONATE DE SODIUM

(71) SOLVAY (Société Anonyme) [BE/BE]; Rue du Prince Albert, 33, B-1050 Brussels (BE).
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(72, 75) DEMILIE, Paul [BE/BE]; Hameau du Bois d'Arpes, 3, B-7181 Arquennes (BE).

(74) JACQUES, Philippe et al. / etc.; Solvay (Société Anonyme), Intellectual Property Department, 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 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).

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 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)

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

(u) for / pour US only / seulement

(51)⁷ C01G

(11) WO 2004/103906 (13) A2

(21) PCT/US2004/015626

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,649 19 May/mai 2003 US (19.05.2003)

(30) 60/471,650 19 May/mai 2003 US (19.05.2003)

(30) 60/533,931 2 Jan/jan 2004 US (02.01.2004)

(30) 60/534,461 6 Jan/jan 2004 US (06.01.2004)

(30) 60/535,603 9 Jan/jan 2004 US (09.01.2004)

(30) 60/568,967 7 May/mai 2004 US (07.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS OF MAKING A NIOBIUM METAL OXIDE AND OXYGEN REDUCED NIOBIUM OXIDES

• PROCEDES DE FABRICATION D'UN OXYDE METALLIQUE DE NIOBIUM ET OXYDES DE NIOBIUM A TENEUR REDUITE EN OXYGENE

(71) CABOT CORPORATION [US/US]; 2 Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

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

(72, 75) REED, David, M. [US/US]; 111 Yorkshire Drive, Douglassville, PA 19518 (US). VENIGALLA, Sridhar [IN/US]; 5354 Princeton Road, Macungie, PA 18062 (US). KITCHELL, Ricky, W. [US/US]; 110 Spring View Drive, Douglassville, PA 19518 (US). KRAUSE, Stephen, J. [US/US]; 151 Magnolia Drive, Phoenixville, PA 19460 (US). ENMAN, Heather, L. [US/US]; 4104 Hummingbird Lane, Bethlehem, PA 18107 (US). SCHULTZ, Dorrán, L. [US/US]; 1637 Haywood Road, Perkiomenville, PA 18074 (US). KERCHNER, Jeffrey, A. [US/US]; 7 Stone Barn Road, Fleetwood, PA 19522 (US).

(74) FINNEGAN, Martha, Ann; Cabot Corporation, 157 Concord Road, Billerica, MA 01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C01G 1/02

(11) WO 2004/103907 (13) A1

(21) PCT/KR2004/001221

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10-2003-0032357 21 May/mai 2003 KR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METAL OXIDE SOLID SOLUTION, PREPARATION AND USE THEREOF

• SOLUTION SOLIDE D'OXYDE DE METAL, SA PREPARATION ET SON UTILISATION

(71) HANWHA CHEMICAL CORPORATION [KR/KR]; 1, Janggyo-dong, Jung-gu, Seoul 100-797 (KR).

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

(72, 75) MYEONG, Wan-Jae [KR/KR]; 108-305, Daelim Dure Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-720 (KR). SONG, Kyu-Ho [KR/KR]; 304-403, Shindongah Apt., Samchun-dong, Seo-gu, Daejeon 302-780 (KR). PARK, Se-Woong [KR/KR]; 103-601, Hanmaul Apt., Songgang-dong, Yuseong-gu, Daejeon 305-756 (KR). LEE, Joo-Hyeong [KR/KR]; 101-505, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721 (KR). BAIK, Jin-Soo [KR/KR]; 1203, Cityvill Apt., Tanbang-dong, Seo-gu, Daejeon 302-858 (KR). CHUNG, Chang-Mo [KR/KR]; 106-1003, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C01G 33/00

(11) WO 2004/103908 (13) A2

(21) PCT/US2004/015137

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/440,008 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROLLED OXYGEN ADDITION FOR METAL MATERIAL

• ADDITION D'OXYGENE CONTROLEE POUR MATERIAU METALLIQUE

(71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

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

(72, 75) **KOENITZER, John, W.** [US/US]; 357 Lobachsville Road, Oley, PA 19547 (US). **QIU, Yongjian** [US/US]; 6142 Pond View Drive, Birdsboro, PA 19508 (US).

(74) **FINNEGAN, Martha Ann**; Cabot Corporation, 157 Concord Road, Billerica, MA 01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C01G 49/02, H01F 1/01

(11) WO 2004/103909 (13) A1

(21) PCT/KR2003/001091

(22) 3 Jun/juin 2003 (03.06.2003)

(25) ko (26) en

(30) 10-2003-0032294 21 May/mai 2003 KR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MAGNETOPLUMBITE TYPE FERRITE PARTICLE, ANISOTROPIC SIN-TERED MAGNET, AND PRODUCING METHOD OF THE SAME

• PARTICULE DE FERRITE DE TYPE MAGNETOPLUMBITE, AIMANT FRITTE ANISOTROPIQUE ET PRO-CEDE DE FABRICATION

(71) **PACIFIC METALS CO., LTD.** [KR/KR]; #298, Kongdan-dong, Gumi-city, Kyeongsangbuk-do 730-030 (KR).

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

(72, 75) **SHON, Sung Woo** [KR/KR]; 6/2, 197-5, Seo-4-dong, Geumjeong-gu, Bu-san Metropolitan city 609-404 (KR). **BAE, Jae Won** [KR/KR]; 104-308, The second Joogong-apartment, 119, Naengrim-dong, Sangjoo-city, Kyeongsangbuk-do 742-070 (KR). **KIM, Myung Kwon** [KR/KR]; 1310, Daedong-apartment, 83-13, Won-nam-dong, Gumi-city, Kyeongsangbuk-do 730-773 (KR). **PARK, Young Cheul** [KR/KR]; 101-801, Youngnam-apartment, Jisan-dong, Suseong-gu, Daegu Metropolitan city 706-090 (KR). **HONG, Sung Il** [KR/KR]; 112-306, Hyundai-apartment, Shinrim-2-dong, Kwanac-gu, Seoul 151-761 (KR).

(74) **KIM, Sun-young**; Korea Coal Center, 10th Floor, 80-6, Susong-Dong, Chongro-Ku, Seoul 110-727 (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 LR LS LT LU LV MA MD MG MK MN

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/02, 1/52, 1/58

(11) WO 2004/103910 (13) A1

(21) PCT/IB2004/001650

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003/4027 23 May/mai 2003 ZA (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REMOVAL OF SULPHATES FROM A FEEDSTOCK

• ELIMINATION DE SULFATES D'UNE CHARGE D'ALIMENTATION

(71) **WATER MINERALS LIMITED**; Fairbairn House, St. Peter Port, Guernsey GY3 HG (GB).

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

(72, 75) **BATSON, Richard, Guy** [GB/ZA]; 68 Charles Te Water Street, The Island, 6573 Sedgefield (ZA). **RAMSAY, James, Ian** [GB/ZA]; 4 Leonard Road, Olivedale Extension 2, 2125 Randburg (ZA).

(74) **KOTZE, Gavin, Salomon**; 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 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 C02F 1/34, 1/461, 1/467

(11) WO 2004/103911 (13) A1

(21) PCT/US2004/014718

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 60/471,537 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR CONDUCTING A CHEMICAL REACTION IN THE PRESENCE OF CAVITATION AND AN ELECTRICAL CURRENT

• PROCEDE ET APPAREIL DE MISE EN OEUVRE D'UNE REACTION CHIMIQUE EN PRESENCE DE CAVITATION ET D'UN COURANT ELECTRIQUE

(71) **HYRDO DYNAMICS, INC.** [US/US]; 5 Redmond Court, Rome, GA 30165 (US).

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

(72, 75) **KAZEM, Bijan** [US/US]; 731 Helga Drive, Woodstock, GA 30188 (US).

(74) **ARNOLD, Jeffery, B.**; Womble Carlyle Sandridge & Rice, PLLC, P.O. Box 7037, Atlanta, GA 30357-0037 (US).

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

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ C02F 1/36, 1/72, 1/467

(11) WO 2004/103912 (13) A1

(21) PCT/AU2004/000681

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902540 23 May/mai 2003 AU (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SWIMMING POOL CLEANING AND SANITISING SYSTEM

- SYSTEME DE DESINFECTION ET DE NETTOYAGE DE PISCINE

(71) **WATERTECH SERVICES INTERNATIONAL PTY LTD** [AU/AU]; Level 15, Corporate Centre Tower One, Cnr Bundall Road & Slatyer Avenue, Bundall, Queensland 4217 (AU).

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

(72, 75) **JONES, Philip, Henry** [AU/AU]; 3 Cromwell Court, Tallai, Queensland 4213 (AU). **STUTT, Gary, Arthur** [AU/AU]; Unit 29, 226 Cheltenham Drive, Robina, Queensland 4226 (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 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 C02F 1/36, 1/20, B01D 19/00

(11) **WO 2004/103913** (13) A1

(21) PCT/IB2004/001559

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 2002/9467 **21 May/mai 2003 (21.05.2003)** ZA

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THE TREATMENT OF WATER CONTAINING DISSOLVED GASES

- TRAITEMENT D'EAUX RENFERMANT DES GAZ DISSOUS

(71, 72) **MORKEL, Philip, Michael** [ZA/ZA]; 67 La Gratitude Circle, 2062 Lonehill, Gauteng Province (ZA).

(74) **BOWMAN GILFILLAN INC. (JOHN & KERNICK)**; P.O. Box 3511, Halfway House, 1685 Midrand (ZA).

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

Published / Publiée : (c)

(51)⁷ C02F 1/44, 1/78

(11) **WO 2004/103914** (13) A1

(21) PCT/EP2004/005111

(22) **13 May/mai 2004 (13.05.2004)**

(25) de (26) de

(30) 103 24 136.1 **26 May/mai 2003 (26.05.2003)** DE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR THE TREATMENT OF WASTEWATERS, ESPECIALLY CONTAINING VAT DYES, FILTERING MEMBRANE USED THEREFOR, AND METHOD FOR THE TREATMENT OF WASTEWATERS BY USING SAID DEVICE

- DISPOSITIF DE TRAITEMENT DES EAUX USEES, NOTAMMENT DES EAUX USEES CONTENANT DES COLORANTS DE CUVE, MEMBRANE DE FILTRATION UTILISEE A CET EFFET ET PROCEDE DE TRAITEMENT DES EAUX USEES A L'AIDE DE CE DISPOSITIF

(71) **BERGISCHE UNIVERSITÄT WUPPERTAL** [DE/DE]; Gausstrasse 20, 42097 Wuppertal (DE).

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

(72, 75) **MARZINKOWSKI, Joachim** [DE/DE]; Grimlinghauser Strasse 36, 40221 Düsseldorf (DE). **RICKHOFF, Hermann** [DE/DE]; Am Sportplatz 30, 48480 Spelle (DE). **MOLL, Torsten** [DE/DE]; Koberg 36, 48499 Salzbergen (DE). **MEDROW, Manuela** [DE/DE]; In der Ossenbeck 14, 42117 Wuppertal (DE).

(74) **SIECKMANN, Ralf**; Schumannstrasse 97-99, 40237 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 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 C02F 1/461, 1/68

(11) **WO 2004/103915** (13) A1

(21) PCT/JP2003/006468

(22) **23 May/mai 2003 (23.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MINERAL WATER PRODUCING SYSTEM

- SYSTEME POUR PRODUIRE DE L'EAU MINERALE

(71) **SANDEN CORPORATION** [JP/JP]; 20, Kotobuki-cho, Isesaki-shi, Gunma 372-8502 (JP).

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

(72, 75) **ITO, Miwako** [JP/JP]; c/o Sanden Corporation, 20, Kotobuki-cho, Isesaki-shi, Gunma 372-8502 (JP). **WATANABE, Kazushige** [JP/JP]; c/o Sanden Corporation, 20, Kotobuki-cho, Isesaki-shi, Gunma 372-8502 (JP). **SATO, Motoharu** [JP/JP]; c/o Sanden Corporation, 20, Kotobuki-cho, Isesaki-shi, Gunma 372-8502 (JP).

(74) **YOSHIDA, Kiyotaka**; Meiwa Bldg., 15-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) US.

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

(51)⁷ C02F 1/52

(11) **WO 2004/103916** (13) A1

(21) PCT/US2004/015596

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,677 **18 May/mai 2003 (18.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEMS FOR THE REMOVAL OF SOLIDS FROM FLUIDS AND METHODS OF USING THE SAME

- SYSTEME PERMETTANT DE RETIRER DES SOLIDES DE FLUIDES ET PROCEDE D'UTILISATION DE CE SYSTEME

(71) **CDS TECHNOLOGIES, INC.** [US/US]; 16360 South Monterey Road, Suite 250, Morgan Hill, CA 95037 (US).

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(72, 75) **HEIST, James, A.** [US/US]; 105 Springbrook Place, Cary, NC 27511 (US). **DAVEY, Alex** [AU/US]; 1309 Cranesbill Court, Apt. #201, Belcamp, MD 21921 (US). **FITZGERALD, John** [AU/AU]; 190 Purves Road, Main Ridge, Victoria 3928 (AU).

(74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C02F 1/54

(11) **WO 2004/103917** (13) A1

(21) PCT/US2004/016031

(22) **20 May/mai 2004 (20.05.2004)**

- (25) en (26) en
- (30) 60/472,332 **21 May/mai 2003** US
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WATER TREATMENT METHOD AND APPARATUS USING PRETREATMENT AND MEMBRANES
- PROCEDE ET DISPOSITIF DE TRAITEMENT DES EAUX FAISANT APPEL A UN PRETRAITEMENT AINSI QU'A DES MEMBRANES
- (71) INFILCO DEGREMONT, INC. [US/US]; 8007 Discovery Drive, Richmond, VA 23229 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BALLARD, Temple, P. [US/US]; 3905 Sethwarner Court, Glen Allen, VA 23059 (US).
- (74) CHRISTENBURY, Daniel, T. et al. / etc.; Piper Rudnick LLP, One Liberty Place, 1650 Market Street, Suite 4900, 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 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).
- Published / Publiée : (c)
- (51)⁷ C02F 1/66, 1/52
- (11) WO 2004/103918 (13) A1
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- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 2003/4026 **23 May/mai 2003** ZA
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DESALINATION OF AQUEOUS FEED-STOCKS
- DESSALEMENT DE CHARGES D'ALIMENTATION AQUEUSES
- (71) WATER MINERALS LIMITED; Fairbairn House, St. Peter Port, Guernsey GY3 HG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BATSON, Richard, Guy [GB/ZA]; 68 Charles Te Water Street, The Island, 6573 Sedgefield (ZA). RAMSAY, James, Ian [GB/ZA]; 4 Leonard Road, Olivedale Extension 2, 2125 Randburg (ZA).
- (74) KOTZE, Gavin, Salomon; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, P O Box 1014, Hatfield, 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 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 C03B 5/02
- (11) WO 2004/103919 (13) A1
- (21) PCT/US2004/015179
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/440,631 **19 May/mai 2003** US
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND SYSTEM FOR REDUCING A FOAM IN A GLASS MELTING FURNACE
- METHODE ET SYSTEME POUR REDUIRE UNE MOUSSE DANS UN FOUR DE FUSION DE VERRE
- (71) JOHNS MANVILLE INTERNATIONAL, INC. [US/US]; 717 Seventeenth Street, Denver, CO 80202 (US).
- (72) HUBER, Aaron, Morgan; 7710 Saxeborough Drive, Castle Rock, CO 80108 (US). TINIANOV, Brandon, Dillan; 5864 South Huron Street, Littleton, CO 80120 (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 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 C03B 11/00, B81C 1/00
- (11) WO 2004/103920 (13) A1
- (21) PCT/JP2004/003861
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) ja (26) ja
- (30) 2003-144363 **22 May/mai 2003** JP
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF FABRICATING MOLD FOR GLASS PRESS

- PROCEDE DE FABRICATION DE MOULE POUR MOULAGE MECANIQUE DU VERRE
- (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) TANAKA, Shuji [JP/JP]; 206, 4-22, Hachiman 1-chome, Aoba-ku, Sendai-shi, Miyagi 980-0871 (JP). ESASHI, Masayoshi [JP/JP]; 11-9, Yagiya-minami 1-chome, Taihaku-ku, Sendai-shi, Miyagi 982-0807 (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 C03B 19/06, C03C 10/04
- (11) WO 2004/103921 (13) A1
- (21) PCT/BR2004/000079
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) PI 0301484-3 **26 May/mai 2003** BR
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • GLASS AND GLASS-CERAMIC ARTICLES AND PROCESS TO PREPARE SAME
- ARTICLES EN VERRE ET EN VITROCERAMIQUE ET PROCEDE DE FABRICATION
- (71) UNIVERSIDADE FEDERAL DE SÃO CARLOS-UFSCAR [BR/BR]; Rodovia Washington Luis, Km 235, Caixa Postal 147, CEP-13565-905 São Carlos SP (BR).
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- (72, 75) EDGAR DUTRA ZANOTTO [BR/BR]; Rua XV de Novembro, 625, CEP-13565-000 São Carlos SP (BR). BELLINI FERREIRA, Eduardo [BR/BR]; Rua Jesuino de Arruda, 1365, Bloco 9, Apto. 302, CEP-13560-060 São Carlos SP (BR). FREDERICCI, Cátia [BR/BR]; Rua Viriato Fernandes Nunes, 236, apto. 142, CEP-13564-070 São Carlos SP (BR). OSCAR PRADO, Miguel [BR/BR]; Rua Júlio Cortazar, 4655, CEP-8400-S.C. Bariloche (AR).
- (74) CRUZEIRO/NEWMARC PATENTES E MARCAS LTDA.; Rua Itajobi, 79, Pacaembu, 01246-010 São Paulo - SP (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 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 C03B 23/025, 23/027, G01N 21/896

(11) WO 2004/103922 (13) A1

(21) PCT/FR2004/050198

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/05942 19 May/mai 2003 FR
(19.05.2003)

(30) 03/08452 10 Jul/juil 2003 FR
(10.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CAMBERING OF GLAZING BY GRAVITY ON A MULTIPLICITY OF SUPPORTS

• BOMBAGE DE VITRAGES PAR GRAVITE SUR UNE MULTIPLICITE DE SUPPORTS

(71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).

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(72, 75) CHIAPPETTA, Serge [FR/FR]; 24, rue du Pont du Matz, F-60150 Machemont (FR). EGELE, Guillaume [FR/FR]; 11B, rue de Notre Dame de Bon Secour, F-60200 Compiègne (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C03C

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(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/441,258 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COATED ARTICLE WITH NIOBIUM CHROMIUM INCLUSIVE BARRIER LAYERS(S) AND METHOD OF MAKING SAME

• ARTICLE A REVETEMENT COMPORTANT UNE OU PLUSIEURS COUCHES BARRIERES A CHROME NIOBIUM ET PROCEDE DE FABRICATION CORRESPONDANT

(71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hill, MI 48326-1714 (US).

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

(72, 75) STACHOWIAK, Grzegorz [US/US]; 3712 Knollwood Circle, Ann Arbor, MI 48108 (US).

(74) RHOA, Joseph, A.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 2201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C03C 3/078, 3/085, 3/095

(11) WO 2004/103924 (13) A1

(21) PCT/CN2004/000517

(22) 21 May/mai 2004 (21.05.2004)

(25) zh (26) zh

(30) 03117904.5 21 May/mai 2003 CN
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A GLASS FOR GLASS BULB OF MONOCHROME PROJECTION TUBE AND ITS MANUFACTURING METHOD

• VERRE POUR AMPOULE EN VERRE DE TUBE DE PROJECTION MONOCHROME ET SON PROCEDE DE FABRICATION

(71) HENAN ANCAI GROUP CHENGDU ELECTRONIC GLASS CO., LTD. [CN/CN]; No.4, Jianshe South Branch Road, Chengdu, Sichuan 610051 (CN).

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(72, 75) GUAN, Jianmin [CN/CN]; No.4, Jianshe South Branch Road, Chengdu, Sichuan 610051 (CN). JIANG, Shufeng [CN/CN]; No.4, Jianshe South Branch Road, Chengdu, Sichuan 610051 (CN). WANG, Guoquan [CN/CN]; No.4, Jianshe South Branch Road, Chengdu, Sichuan 610051 (CN). SHAO, Tingrong [CN/CN]; No.4, Jianshe South

Branch Road, Chengdu, Sichuan 610051 (CN). WANG, Wei [CN/CN]; No.4, Jianshe South Branch Road, Chengdu, Sichuan 610051 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENCY LTD.; No.40 North Sanhuanzhonglu Road, Beijing 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 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 C03C 8/10, H01J 11/02

(11) WO 2004/103925 (13) A1

(21) PCT/JP2004/006932

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145685 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIELECTRIC MATERIAL FOR PLASMA DISPLAY PANEL

• MATERIAU DIELECTRIQUE DESTINE A UN ECRAN A PLASMA

(71) NIHON YAMAMURA GLASS CO., LTD. [JP/JP]; 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo, 6628586 (JP).

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

(72, 75) KUMANO, Satoshi [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD, 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo, 6628586 (JP). KURIYAMA, Ikuo [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD, 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo, 6628586 (JP). TAGUCHI, Tomoyuki [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD, 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo, 6628586 (JP). TANIGAMI, Yoshinori [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD, 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo, 6628586 (JP).

(74) MUROTA, Rikio; 8F., Sankyoseiko-Sukai Bldg., 101, Edomachi, Chuo-ku, Kobe-shi, Hyogo, 6500033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 C03C 17/36, H05B 3/84, G02B 5/00

(11) WO 2004/103926 (13) A1

(21) PCT/IT2003/000732

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) RE2003A000051 21 May/mai 2003 IT (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONDENSATION-PREVENTING HEATING GLASS AND METHOD FOR THE MANUFACTURE THEREOF
• VERRE CHAUFFANT EMPECHANT LA CONDENSATION ET PROCEDE DE FABRICATION DE CE VERRE

(71) ASOLA VETRO S.R.L. [IT/IT]; Via Mantova, 121, I-46041 Asola (IT).

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

(72, 75) PERSEGANI, Paolo [IT/IT]; Via Turbini, 18, I-46041 Asola (IT).

(74) GOTRA, Stefano; Bugnion S.p.A., Via Garibaldi, 22, I-43100 Parma (IT).

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

Declarations / Déclarations :

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

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

(u) for / pour US only / seulement

(51)⁷ C04B 7/00

(11) WO 2004/103927 (13) A2

(21) PCT/EP2004/005116

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 774.7 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND A PLANT FOR THERMALLY DRYING WET-GROUND RAW MEAL

• PROCEDE ET INSTALLATION DE DESSICCATION THERMIQUE D'UNE FARINE CRUE DE CIMENT MOULUE PAR VOIE HUMIDE

(71) KHD HUMBOLDT WEDAG AG [DE/DE]; Dillenburg Strasse 69, 51105 Köln (DE).

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(72, 75) JOCHEM, Matthias [DE/DE]; Am Hang 9, 51688 Wipperfurth (DE). KÜHNE, Klaus [DE/DE]; Burgrainackerstrasse 12d, 06846 Dessau (DE).

(74) KHD HUMBOLDT WEDAG AG; Patente und Marken, Abt. HT-PP, 51170 Köln (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 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 C04B 24/08

(11) WO 2004/103928 (13) A1

(21) PCT/EP2004/005154

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 205.2 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDROPHOBING ADDITIVE

• ADDITIF HYDROPHOBANT

(71) WACKER POLYMER SYSTEMS GMBH & CO. KG [DE/DE]; Johannes-Hess-Str. 24, 84489 Burghausen (DE).

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(72, 75) BASTELBERGER, Thomas [DE/DE]; Gartenweg 14, 84547 Emmerting (DE). HÄRZSCHEL, Reinhard [DE/DE]; Carl-Bosch-Str. 7, 84489 Burghausen (DE). JODLBAUER, Franz [DE/DE]; Bahnhofstr. 28, 84533 Marktl (DE).

(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 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 C04B 35/462, H01B 3/12, H01G 4/12

(11) WO 2004/103929 (13) A1

(21) PCT/JP2004/006735

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-142148 20 May/mai 2003 JP (20.05.2003)

(30) 2003-142149 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIELECTRIC CERAMIC COMPOSITION, PROCESS FOR PRODUCING THE SAME, DIELECTRIC CERAMIC EMPLOYING IT AND MULTILAYER CERAMIC COMPONENT

• COMPOSITION DE CERAMIQUE DIELECTRIQUE, SON PROCEDE DE FABRICATION, CERAMIQUE DIELECTRIQUE CONTENANT CETTE COMPOSITION ET ELEMENT CERAMIQUE MULTICOUCHE

(71) UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 (JP).

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(72, 75) KAWANO, Takafumi [JP/JP]; c/o Ube Industries, Ltd., Ube Research Laboratory, 1978-5, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 (JP). FUKUDA, Koichi [JP/JP]; c/o Ube Industries, Ltd., Ube Research Laboratory, 1978-5, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 (JP).

(74) YAMASHITA, Johei; YAMASHITA & ASSOCIATES, Toranomon 40th MT Bldg., 13-1, Toranomon 5-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 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 C04B 35/468

(11) WO 2004/103930 (13) A1

(21) PCT/US2004/008569

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/440,051 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • X7R DIELECTRIC COMPOSITION

• COMPOSITION DIELECTRIQUE X7R

(71) FERRO CORPORATION [US/US]; 1000 Lakeside Avenue, Cleveland, OH 44114 (US).

(72) PARK, Hyun; 7700 Pine Tree Drive, Victor, NY 14564 (US). McCauley, Daniel, E.; 3341 Wedgewood Road, Watkins Glen, NY 14891 (US). CHU, Mike, S., H.; 4790 East Eddy Drive, Lewiston, NY 14092 (US).

(74) CLARK, Kenneth, A.; Rankin, Hill, Porter & Clark LLP, 925 Euclid Avenue, Suite 700, Cleveland, OH 44114-1504 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 35/50, 35/00, C03C 10/02

(11) WO 2004/103931 (13) A1

(21) PCT/JP2004/006922

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-147221 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PORCELAIN COMPOSITION

• COMPOSITION DE PORCELAINE

(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) TAKADA, Takahiro [JP/JP]; c/o MURATA MANUFACTURING CO., LTD., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto, 6178555 (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 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 C04B 41/91, H01L 41/22, H03H 3/02

(11) WO 2004/103932 (13) A1

(21) PCT/JP2004/007220

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142894 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PIEZOELECTRIC MATERIAL WORKING METHOD

• PROCEDE D'USINAGE D'UN MATERIAU PIEZOELECTRIQUE

(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) ABE, Takashi [JP/JP]; 12-47, Kawauchiyodomibashidouri, Aoba-ku, Sendai-shi, Miyagi 980-0855 (JP). LI, Li [CN/JP]; 19-1, Sanjoumachi, Aoba-ku, Sendai-shi, Miyagi 981-0935 (JP). ESASHI, Masayoshi [JP/JP]; 11-9, Yagiyaminami 1-chome, Taihaku-ku, Sendai-shi, Miyagi 982-0807 (JP).

(74) OGURA, Wataru; 201, Ohno-Senkawa Bldg., 23-7, Kanamecho 3-chome, Toshima-ku, Tokyo 171-0043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 C05C 1/02, C05G 1/00, C05D 1/00

(11) WO 2004/103933 (13) A1

(21) PCT/RU2004/000190

(22) 18 May/mai 2004 (18.05.2004)

(25) ru (26) ru

(30) 2003114725 20 May/mai 2003 RU (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NITROGEN-POTASSIUM FERTILISERS AND METHOD FOR THE PRODUCTION THEREOF

• ENGRAIS AZOTE POTASSIQUE ET SON PROCEDE DE PRODUCTION

(71, 72) SEREBRYAKOV, Alexander Ivanovich [RU/RU]; d. Palitsy, 76, Odintsovsky rayon, Moskovskaya obl., 143031 (RU).

(72, 75) KONVISAR, Leonid Viktorovich [RU/RU]; ul. Novopeschanaya, 16-53, Moscow, 125252 (RU).

(74) PATENT LAW FIRM "YUS"; P.O. Box 184, Moscow, 125009 (RU).

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

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

(51)⁷ C07C

(11) WO 2004/103934 (13) A2

(21) PCT/US2004/013851

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 60/471,272 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF MAKING ALKYL ESTERS USING PRESSURE

• PROCEDE DE FABRICATION D'ESTERS D'ALKYLE PAR PRESSION

(71) STEPAN COMPANY [US/US]; 22 West Frontage Road, Northfield, IL 60093 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUXEM, Franz, Josef [US/US]; 1234 East Pratt Drive, Palatine, IL 60074 (US). TROY, William, M. [US/US]; 6604 Chick Evans Lane, Woodridge, IL 60517 (US).

(74) SCHARFF, Christopher, M.; McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, 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 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 C07C

(11) WO 2004/103935 (13) A2

(21) PCT/US2004/015874

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,722 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CYCLIC CARBOTHIOIC ACID DERIVATIVES

- DERIVES CYCLIQUES DE L'ACIDE CARBOTHIOIQUE
- (71) FLEXITRAL, INC. [US/US]; 4313 Walney Road, Chantilly, VA 20151-2103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TURIN, Luca [GB/GB]; 119 Albert Street, London NW1 7NB (GB).
- (74) CLARKE, Dennis, P. et al. / etc.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102-3833 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07C 2/84, 11/02, 11/04
- (11) WO 2004/103936 (13) A1
- (21) PCT/GB2004/002130
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 0311774.4 22 May/mai 2003 GB (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR THE PRODUCTION OF OLEFINS
• PROCEDE DE PRODUCTION D'OLEFINES
- (71) BP CHEMICALS LIMITED [GB/GB]; Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7BP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUNLEY, John, Glenn [GB/GB]; 7 Hall Walk, Cottingham, East Yorkshire HU16 4RL (GB).
- (74) HYMERS, Ronald, Robson; 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 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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- Published / Publiée : (c)
- (51)⁷ C07C 17/367, 21/185, 23/06, C08J 11/12, B09B 3/00
- (11) WO 2004/103938 (13) A1
- (21) PCT/JP2004/007058
- (22) 18 May/mai 2004 (18.05.2004)
- (25) ja (26) ja
- 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 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 LUMC NL 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 C07C 7/08, 11/167
- (11) WO 2004/103937 (13) A1
- (21) PCT/EP2004/005407
- (22) 19 May/mai 2004 (19.05.2004)
- (25) de (26) de
- (30) 103 22 655.9 20 May/mai 2003 DE (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR OBTAINING CRUDE 1,3-BUTADIENE FROM A C₄ FRACTION
• PROCEDE D'EXTRACTION DE 1,3-BUTADIENE BRUT A PARTIR D'UNE FRACTION DE C<SB>4</SB>
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEIDA, Bernd [DE/DE]; Speyerer Str. 26, 67158 Ellerstadt (DE).
- (74) ISENBRUCK, Günter; Isenbruck 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 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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- Published / Publiée : (b)
- (51)⁷ C07C 29/78, 31/26, C13F 1/02, A23L 1/09, 1/236
- (11) WO 2004/103939 (13) A1
- (21) PCT/GB2004/002203
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 0311902.1 22 May/mai 2003 GB (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ASSAY METHOD AND APPARATUS
• PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER DES ANALYSES
- (71) BIOCENTRE 5 LIMITED [GB/GB]; 48 Ashbourne Avenue, London NW11 0DS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCBRIDE, Jeffrey, D. [GB/GB]; Biocentre 5 Limited, 48 Ashbourne Avenue, London NW11 0DS (GB). GABRIEL, Francis, Guy [GB/GB]; Biocentre 5 Limited, 48 Ashbourne Avenue, London NW11 0DS (GB). DELVES, Peter, J. [GB/GB]; Biocentre 5 Limited, 48 Ashbourne Avenue, London NW11 0DS (GB). FORDHAM, John, L., A. [GB/GB]; Biocentre 5 Limited, 48 Ashbourne Avenue, London NW11 0DS (GB).

0DS (GB). **CREE, Ian, A.** [GB/GB]; Bio-centre 5 Limited, 48 Ashbourne Avenue, London NW11 0DS (GB). **RAWSON, Keith** [GB/GB]; Cambridge Life Sciences Plc, Cambridgeshire Business Park, Angel Drove, Ely, Cambridgeshire CB7 4DT (GB).

(74) **FENNELL, Gareth, Charles et al.** / etc.; D. Young & Co., 120 Holborn, London EC1N 2DY (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 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).

Published / Publiée : (c)

(51)⁷ C07C 39/17, A61K 7/48, 31/045

(11) WO 2004/103940 (13) A1

(21) PCT/IB2004/001587

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/472,055 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEPIGMENTING AGENTS

• AGENTS DE DEPIGMENTATION

(71) **WARNER-LAMBERT COMPANY LLC** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(72, 75) **GATTRELL, William, Thomas** [GB/GB]; 7 Henley Gardens, Bicester, Oxfordshire OX26 6RJ (GB).

(74) **FULLER, Grover, F., Jr. 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 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 C07C 47/575

(11) WO 2004/103941 (13) A2

(21) PCT/US2004/015195

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,238 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **ARYL-CARBALDEHYDE OXIME DERIVATIVES AND THEIR USE AS ESTROGENIC AGENTS**

• DERIVES D'ARYLE-CARBALDEHYDE OXIME ET LEUR UTILISATION COMME AGENTS OESTROGENIQUES

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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

(72, 75) **MEWSHAW, Richard, Eric** [US/US]; 251 West Dekalb Pike, Apt. B509, King of Prussia, PA 19406 (US). **COHN, Stephen, Todd** [US/US]; 2 Ptarmigan Drive, Reading, PA 19606 (US).

(74) **LUCCI, Joseph 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 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 C07C 51/14, 55/14

(11) WO 2004/103942 (13) A1

(21) PCT/EP2004/050820

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03076568.9 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PROCESS FOR THE HYDROCARBOXYLATION OF ETHYLENICALLY UNSATURATED CARBOXYLIC ACIDS**

• PROCEDE DESTINE A L'HYDROCARBOXYLATION D'ACIDES CARBOXYLIQUES ETHYLENIQUEMENT INSATURES

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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

(72, 75) **DRENT, Eit** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **VAN GINKEL, Roelof** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **JAGER, Willem Wabe** [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 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).

Published / Publiée : (c)

(51)⁷ C07C 51/265, 63/16

(11) WO 2004/103943 (13) A1

(21) PCT/EP2004/005510

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 461.6 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PRODUCTION OF ALDEHYDES, CARBOXYLIC ACIDS, AND/OR CARBOXYLIC ACID ANHYDRIDES BY MEANS OF CATALYSTS CONTAINING VANADIUM OXIDE, TITANIUM DIOXIDE, AND ANTIMONY OXIDE**

• PRODUCTION D'ALDEHYDES, D'ACIDES CARBOXYLIQUES ET/OU D'ANHYDRIDES D'ACIDES CARBOXYLIQUES A L'AIDE D'OXYDE DE VANADIUM, D'OXYDE DE TITANE ET DE CATALYSEURS CONTENANT DE L'OXYDE D'ANTIMOINE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) **STORCK, Sebastian** [DE/DE]; Uhlandstr. 37a, 68167 Mannheim (DE). **ZÜHLKE, Jürgen** [DE/DE]; Gilmstr. 66, 81377 München (DE). **NETO, Samuel** [DE/DE]; R 7, 39, 68161 Mannheim (DE). **ROSOWSKI, Frank** [DE/DE]; Burgstr. 28, 68165 Mannheim (DE).

(74) **THALHAMMER, Wolfgang**; Reitsstötter, Kinzebach & Partner (Gbr), Sternwartstrasse 4, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ C07C 51/31, 51/265, C07D 307/89, C07C 51/21

(11) WO 2004/103944 (13) A1

(21) PCT/EP2004/005246

(22) 15 May/mai 2004 (15.05.2004)

- (25) de (26) de
- (30) 103 23 817.4 **23 May/mai 2003** DE
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR PRODUCING PH-
THALIC ANHYDRIDE
• PROCEDE DE PRODUCTION
D'ANHYDRIDE D'ACIDE PHTALIQUE
- (71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) NETO, Samuel [FR/DE]; R7,39,
68161 Mannheim (DE). ZÜHLKE, Jür-
gen [DE/DE]; St.-Klara-Kloster-Weg 23,
67346 Speyer (DE). STORCK, Sebas-
tian [DE/DE]; Uhlndstr. 37a, 68167
Mannheim (DE). ROSOWSKI, Frank
[DE/DE]; Burgstr. 28, 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 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).
- Published / Publiée : (c)
- (51)⁷ C07C 51/487, 63/26
- (11) WO 2004/103945 (13) A1
- (21) PCT/US2004/012076
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 10/423,389 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A PURIFICATION PROCESS OF
CRUDE TEREPHTHALIC ACID IN A
POST OXIDATION ZONE BY THE AD-
DITION OF STEAM
• PROCEDE DE PURIFICATION
D'ACIDE TEREPHTHALIQUE CRU
DANS UNE ZONE DE POST-OXYDA-
TION PAR L'ADDITION DE VAPEUR
- (71) EASTMAN CHEMICAL COMPANY
[US/US]; 100 N. Eastman Road, Kingsport,
TN 37660 (US).
- (72) LIN, Robert; 4533 Palomino Drive,
Kingsport, TN 37664 (US). DE VREEDE,
Marcel; 4801 Preston Park Drive, Kingsport,
TN 37664 (US). SLUIJMERS, Johannes,
Wilhelmus; Van der Vlugtveld 1, NL-Baren-
drecht, 2992 HK (NL). DE BOER, Marti;
Oude Singel 154, NL-Schoonhoven, 2871
SJ (NL). WOODRUFF, Thomas, Earl; 216
Woodstock Place, Kingsport, TN 37663 (US).
- (74) OWEN, Steven, A.; P.O. Box 511,
Kingsport, TN 37662-5075 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI 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)
- (51)⁷ C07C 59/56, 59/88, 69/732, 69/738, A61K
31/20, A61P 3/06, 3/10, 9/00, 29/00, 9/10
- (11) WO 2004/103946 (13) A1
- (21) PCT/JP2004/007316
- (22) 21 May/mai 2004 (21.05.2004)
- (25) ja (26) ja
- (30) 60/472,737 **23 May/mai 2003** US
(23.05.2003)
- (30) 2003-154372 **30 May/mai 2003** JP
(30.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CARBOXYLIC ACID COMPOUND
AND MEDICINE CONTAINING THE
SAME
• COMPOSE D'ACIDE CARBOXYLIQUE
ET MEDICAMENT CONTENANT CE
COMPOSE
- (71) KOWA COMPANY, LTD. [JP/JP]; 6-29,
Nishiki 3-chome, Naka-ku, Nagoya-shi,
Aichi, 4608625 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72) INOUE, Keisuke; 1-12-8, Musashin-
odai, Fussa-shi, Tokyo, 1970013 (JP).
TOMA, Tsutomu; 1322-17-205, Ogawa-cho
2-chome, Kodaira-shi, Tokyo, 1870032
(JP). KITAMURA, Takahiro; 1-25-7,
Akitu-cho, Higashimurayama-shi,
Tokyo, 1890001 (JP). YAMAZAKI,
Yukiyoshi; 1-12-13-406, Hon-cho, Hi-
gashimurayama-shi, Tokyo, 1890014 (JP).
ISHIKAWA, Tetsuya; 1-1-1-701, Keyakidai,
Tokorozawa-shi, Saitama, 3591118 (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 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 C07C 67/307, 69/76
- (11) WO 2004/103947 (13) A1
- (21) PCT/JP2003/006249
- (22) 20 May/mai 2003 (20.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR PRODUCING BRO-
MOMETHYL-SUBSTITUTED ARO-
MATIC CARBOXYLIC ESTER COM-
POUND
• PROCEDE DE PRODUCTION D'UN
COMPOSE D'ESTER CARBOXYLIQUE
AROMATIQUE A SUBSTITUTION
BROMOMETHYLE
- (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) YAMADA, Seiji [JP/JP]; c/o Sum-
itomo Chemical Company Limited, 4-1,
Kojimatanokuchi 6-chome, Kurashiki-shi,
Okayama, 7110903 (JP). ISHIHARA, Ken
[JP/JP]; c/o Sumitomo Chemical Company
Limited, 4-1, Kojimatanokuchi 6-chome,
Kurashiki-shi, Okayama, 7110903 (JP).
NAKAMATSU, Toshio [JP/JP]; c/o Sum-
itomo Chemical Company Limited, 4-1,
Kojimatanokuchi 6-chome, Kurashiki-shi,
Okayama, 7110903 (JP).
- (74) TAKASHIMA, Hajime; Fujimura Yamato
Seimei Bldg., 2-14, Fushimimachi 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
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 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 67/38, 69/533, 51/14, 57/03, 55/14,
231/12, C07F 9/6571, 9/50, B01J 31/24
- (11) WO 2004/103948 (13) A1
- (21) PCT/EP2004/050794
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 03076567.1 **22 May/mai 2003** EP
(22.05.2003)
- (30) 04251065.1 **26 Feb/fév 2004** EP
(26.02.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR THE CARBONYLA-
TION OF A CONJUGATED DIENE
• PROCEDE PERMETTANT LA CARBO-
NYLATION D'UN DIENE CONJUGUE
- (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) DRENT, Eit [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). ERNST, René [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). JAGER, Willem, Wabe [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 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 C07C 69/54, 43/23, 69/63, 323/20, 317/22, C08F 20/30, A61C 13/087, G02B 1/04

(11) WO 2004/103949 (13) A1

(21) PCT/JP2004/007327

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145616 23 May/mai 2003 JP (23.05.2003)

(30) 2003-284921 1 Aug/août 2003 JP (01.08.2003)

(30) 2003-356465 16 Oct/oct 2003 JP (16.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • (METH)ACRYLIC ESTER COMPOUND AND USE THEREOF

• COMPOSE D'ESTER (METH)ACRYLIQUE ET SON UTILISATION

(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) OTSUJI, Atsuo [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). TAKAGI, Masatoshi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). HIGUCHI, Chojiro [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). NAGATOMO, Akinori [JP/JP]; c/o Mitsui Chemicals, Inc., 30, Asamuta-cho, Omuta-shi, Fukuoka 836-8610 (JP). SUESUGI, Kouji [JP/JP]; c/o Mitsui Chemicals, Inc., 30, Asamuta-cho, Omuta-shi, Fukuoka 836-8610 (JP). TOIDA, Tetsuya [JP/JP]; c/o Sun Medical Co., Ltd., 571-2, Kodaka-cho, Moriyama-shi, Shiga 524-0044 (JP). HONDA, Narimichi [JP/JP]; c/o Sun Medical Co., Ltd., 571-2, Kodaka-cho, Moriyama-shi, Shiga 524-0044 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 C07C 69/736, 69/738, 67/31, C07D 309/12

(11) WO 2004/103950 (13) A1

(21) PCT/JP2000/001079

(22) 24 Feb/fév 2000 (24.02.2000)

(25) ja (26) ja

(30) 11/49016 25 Feb/fév 1999 JP (25.02.1999)

(30) 11/247755 1 Sep/sep 1999 JP (01.09.1999)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL PARTIALLY PROTECTED TRISPHENOLS AND PROCESS FOR THE PREPARATION THEREOF

• NOUVEAUX TRISPHENOLS PARTIELLEMENT PROTEGES ET PROCEDE D'ELABORATION

(71, 72) SHIOMI, Taiichi [JP/JP]; Honshu Chemical Industry Co., Ltd., 5-115, Kozaika 2-chome, Wakayama-shi, Wakayama 641-0007 (JP). MIYAGI, Sachiko [JP/JP]; Honshu Chemical Industry Co., Ltd., 5-115, Kozaika 2-chome, Wakayama-shi, Wakayama 641-0007 (JP). MASUDA, Toru [JP/JP]; Honshu Chemical Industry Co., Ltd., 5-115, Kozaika 2-chome, Wakayama-shi, Wakayama 641-0007 (JP).

(74) MAKINO, Itsuro; Family Sangyo Daisan Building, 3-3, Showacho 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0011 (JP).

(81) US.

Published / Publiée : (e) 05 Aug/août 2003 (05.08.2003), 6603029

(51)⁷ C07C 201/12, 231/12, C07D 307/58, 213/06, 307/38, 309/04, 333/12

(11) WO 2004/103951 (13) A1

(21) PCT/JP2004/006984

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 2003-145950 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING AN OPTICALLY ACTIVE NITRO COMPOUND

• PROCEDE DE PRODUCTION D'UN COMPOSE NITRO OPTIQUEMENT ACTIF

(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)

(71, 72) CARREIRA, Erick, M. [CH/CH]; c/o Laboratory of Organic Chemistry, ETH-Hönggerberg, Zurich (CH).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Ltd., 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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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).

Published / Publiée : (c)

(51)⁷ C07C 213/02, 233/09

(11) WO 2004/103952 (13) A1

(21) PCT/EP2004/003862

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 103 23 699.6 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CONTINUOUSLY PRODUCING ALKYLAMINO(METH)ACRYLAMIDES

• PROCEDE DE PRODUCTION CONTINUE D'ALKYLAMINO(METH)ACRYLAMIDES

(71) RÖHM GMBH & CO. KG [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).

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

(72, 75) SCHLEEP, Volker [DE/DE]; Siegfriedstrasse 18, 64683 Einhausen (DE). MERTZ, Thomas [DE/DE]; Jägersburgerstrasse 11 a, 64625 Bensheim (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 C07C 233/65, 233/66, 233/77, 63/06, 63/10, 61/08, A01N 37/18

(11) WO 2004/103953 (13) A1

(21) PCT/EP2004/005067

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 10322909.4 21 May/mai 2003 DE (21.05.2003)

(30) 10325438.2 5 Jun/juin 2003 DE (05.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DIFLUOROMETHYLBENZANILIDES AND USE THEREOF FOR COMBATING MICRO-ORGANISMS, INTERMEDIATE PRODUCTS AND USE THEREOF
- DIFLUOROMETHYLBENZANILIDES, LEUR UTILISATION POUR LUTTER CONTRE DES MICRO-ORGANISMES, PRODUITS INTERMÉDIAIRES ET PRODUCTION DE CEUX-CI
- (71) BAYER CROPSCHENGE AKTIENGESSELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUNKEL, Ralf [DE/DE]; Krischer Str. 22, 40789 Monheim (DE). ELBE, Hans-Ludwig [DE/DE]; Dasnöckel 59, 42329 Wuppertal (DE). GREUL, Jörg, Nico [DE/DE]; Am Sandberg 30 a, 42799 Leichlingen (DE). HARTMANN, Benoit [FR/DE]; Färberstr. 1, 40764 Langenfeld (DE). WACHENDORFF-NEUMANN, Ulrike [DE/DE]; Oberer Markweg 85, 56566 Neuwied (DE). DAHMEN, Peter [DE/DE]; Altebrückerstr. 61, 41470 Neuss (DE). KUCK, Karl-Heinz [DE/DE]; Pastor-Löh-Str. 30a, 40764 Langenfeld (DE). RIECK, Heiko [DE/FR]; 9 rue Claude Monet, F-69110 Ste Foy lès Lyon (FR).
- (74) BAYER CROPSCHENGE AKTIENGESSELLSCHAFT; Law and Patents, Patents and Licensing, Kaiser-Wilhelm-Allee, 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 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 C07C 237/04, C07D 211/62, 215/08, 215/42, 317/58, 401/04, 401/14, 417/14, A61K 31/47, A61P 29/00, 3/10, 13/02, 11/00, 25/04, 43/00, A61K 31/451, 31/4709, 31/4545, 31/36, 31/197
- (11) WO 2004/103954 (13) A1
- (21) PCT/JP2004/007221
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-142681 20 May/mai 2003 JP (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • AMIDE DERIVATIVE
- DERIVE D'AMIDE
- (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) NAKAGAWA, Tadakiyo [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). SUZUKI, Tamotsu [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). TAKENAKA, Kaoru [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). FUJITA, Shinichi [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). YAMADA, Youji [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). SHIMA, Yoichi [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). OKUZUMI, Tatsuya [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). YOSHIMURA, Toshihiko [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). YOSHIDA, Masanao [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). MURATA, Masahiro [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (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 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 C07C 317/46, A61K 31/216, A61P 29/00
- (11) WO 2004/103955 (13) A1
- (21) PCT/CA2004/000314
- (22) 1 Mar/mar 2004 (01.03.2004)
- (25) en (26) en
- (30) 60/452,124 5 Mar/mar 2003 US (05.03.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • NITRIC OXIDE RELEASING PRODRUGS OF DIARYL-2-(5H)-FURANONES AS CYCLOOXYGENASE-2 INHIBITORS
- PRECURSEURS DE DIARYL-2-(5H)-FURANONES LIBÉRATEURS D'OXYDE NITRIQUE UTILISES COMME INHIBITEURS DE LA CYCLOOXYGENASE-2
- (71) MERCK FROSST CANADA & CO. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERTHELETTE, Carl [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Quebec H9H 3L1 (CA). LI, Lianhai [CN/CA]; 16711 Trans-Canada Highway, Kirkland, Quebec H9H 3L1 (CA). STURINO, Claudio [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Quebec H9H 3L1 (CA). WANG, Zhaoyin [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
- (74) OGILVY, RENAULT; 1981 McGill College Avenue, Suite 1600, 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 319/24, 148/00, 149/18, 321/14, 323/12, B01J 23/34, 23/72
- (11) WO 2004/103956 (13) A1
- (21) PCT/EP2004/003383
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
- (30) 103 23 839.5 23 May/mai 2003 DE (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • OXIDATION OF MERCAPTOETHANOL
- OXYDATION DE MERCAPTOETHANOL
- (71) THIOPLAST CHEMICALS GMBH & CO. KG [DE/DE]; Liebigstrasse 7, 07973 Greiz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZEITLER, Michael [DE/DE]; Im Wiesengrund 18, 53347 Alfter (DE). KOTNER, Nils [DE/DE]; Am Hirschberg 19 A, 07973 Greiz (DE). BERGFELD, Manfred [DE/DE]; August-Pfeffer-Strasse 6, 63906 Erlenbach-Meichenhard (DE).
- (74) GREIBER, K., Dieter 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 C07C 321/16, 233/07

(11) WO 2004/103957 (13) A1

(21) PCT/IN2003/000194

(22) 22 May/mai 2003 (22.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL DITHIOKETAL

• NOUVEAU DITHIOCEAL

(71) BIOCON LIMITED [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN).

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

(72, 75) MATHEW, Joy [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). PUTHIAPARAMPIL, Tom, Thomas [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). SRIDHARAN, Madhavan [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). SATHYA SHANKER, Padudevastana [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). GANESH, Sambasivam [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN).

(74) ANAND, Pravin et al. / etc.; Anand And Anand Advocates, B-41 Nizamuddin East, 110013 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 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 C07D

(11) WO 2004/103958 (13) A2

(21) PCT/US2004/013144

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/471,671 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PREPARATION OF HYMENIALDISINE DERIVATIVES AND USE THEREOF

• PREPARATION DE DERIVES D'HYMENIALDISINE ET LEUR UTILISATION

(71) MICHIGAN STATE UNIVERSITY [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

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(72) TEPE, Jetze, J.; 1873 Linden Street, East Lansing, MI 48824 (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 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 C07D

(11) WO 2004/103959 (13) A2

(21) PCT/US2004/015542

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,425 16 May/mai 2003 US (16.05.2003)

(30) 60/480,475 20 Jun/juin 2003 US (20.06.2003)

(30) 60/480,289 20 Jun/juin 2003 US (20.06.2003)

(30) 60/488,172 16 Jul/juil 2003 US (16.07.2003)

(30) 60/488,178 16 Jul/juil 2003 US (16.07.2003)

(30) 60/516,610 30 Oct/oct 2003 US (30.10.2003)

(30) 60/516,651 30 Oct/oct 2003 US (30.10.2003)

(30) 60/516,616 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HETEROCYCLIC COMPOUNDS AND USES THEREOF

• COMPOSÉS HÉTÉROCYCLIQUES ET UTILISATIONS

(71) AMBIT BIOSCIENCES CORPORATION [US/US]; 9875 Towne Centre Drive, San Diego, California 92121 (US).

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(72, 75) LOCKHART, David J. [US/US]; 510 Torrey Point Road, Del Mar, California 92014 (US). PATEL, Hitesh K. [GB/US]; 334 Playa Blanca, Encinitas, California 92024 (US). MEHTA, Shamal Anil [IN/US]; 10582 Matinal Circle, San Diego, California 92127 (US). MILANOV, Zdravko V. [BG/US]; 3962 Hamilton Street, #25, San Diego, California 92104 (US). GROTZFELD, Robert M. [DE/US]; 7931 Represa Circle, Carlsbad, California 92009 (US). LAI, Andiliy G.

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(74) ROCHE, Anie et al. / etc.; WILSON SON-SINI GOODRICH & ROSATI, 650 Page Mill Road, Palo Alto, California 94304-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D

(11) WO 2004/103960 (13) A2

(21) PCT/US2004/015543

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,425 16 May/mai 2003 US (16.05.2003)

(30) 60/480,475 20 Jun/juin 2003 US (20.06.2003)

(30) 60/480,289 20 Jun/juin 2003 US (20.06.2003)

(30) 60/488,172 16 Jul/juil 2003 US (16.07.2003)

(30) 60/488,178 16 Jul/juil 2003 US (16.07.2003)

(30) 60/516,610 30 Oct/oct 2003 US (30.10.2003)

(30) 60/516,651 30 Oct/oct 2003 US (30.10.2003)

(30) 60/516,616 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOUNDS AND USES THEREOF

• COMPOSES ET UTILISATIONS DE CES DERNIERS

(71) AMBIT BIOSCIENCES CORPORATION [US/US]; 9875 Towne Centre Drive, San Diego, CA 92121 (US).

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(72, 75) LOCKHART, David, J. [US/US]; 510 Torrey Point Road, Del Mar, CA 92014 (US). PATEL, Hitesh, K. [GB/US]; 334 Playa Blanca, Encinitas, CA 92024 (US). MILANOV, Zdravko, V. [BG/US]; 3962 Hamilton Street, #25, San Diego, CA 92104 (US). MEHTA, Shamal, Anil [IN/US]; 10582 Matinal Circle, San Diego, CA 92127 (US).

(74) ROCHE, Anie et al. / etc.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D
- (11) WO 2004/103961 (13) A2
- (21) PCT/US2004/015731
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 60/471,346 19 May/mai 2003 US (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SULFATED BIS-CYCLIC AGENTS
• AGENTS SULFATES BIS-CYCLIQUES
- (71) VIRGINIA COMMONWEALTH UNIVERSITY [US/US]; 800 E. Leigh Street, Suite 113, Richmond, VA 23219 (US).
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- (72, 75) DESAI, Umesh, R. [US/US]; 10190 Durhams Ferry Place, Mechanicsville, VA 23116 (US). GUNNARSSON, Gunnar [US/US]; 410 N. 12th Street #542, Richmond, VA 23298 (US).
- (74) WHITHAM, Michael, E. et al. / etc.; 11491 Sunset Hills Road, Suite 340, Reston, VA 20190 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D
- (11) WO 2004/103962 (13) A2
- (21) PCT/US2004/015875
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 60/471,723 20 May/mai 2003 US (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ALKOXY ALKYL SULFANYL PHE-NOLS
• ALCOXY ALKYL SULFANYL PHE-NOLS
- (71) FLEXITRAL, INC. [US/US]; 4313 Walney Road, Chantilly, VA 20151-2103 (US).
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- (72, 75) TURIN, Luca [GB/GB]; 119 Albert Street, London NW1 7NB (GB).
- (74) CLARKE, Dennis, P. et al. / etc.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102-3833 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D 201/04, 223/10
- (11) WO 2004/103963 (13) A1
- (21) PCT/EP2004/005340
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 03076590.3 23 May/mai 2003 EP (23.05.2003)
- (30) 03076591.1 23 May/mai 2003 EP (23.05.2003)
- (30) 03076589.5 23 May/mai 2003 EP (23.05.2003)
- (30) 03076592.9 23 May/mai 2003 EP (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR PREPARING CAPROLACTAM BY BECKMANN RE-ARRANGEMENT
• PROCEDE DE PREPARATION DE CAPROLACTAME PAR TRANSPOSITION DE BECKMANN
- (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) SMEETS, Theodorus, Maria [NL/NL]; Burgemeester Eussenstraat 6, NL-6181 BP Elsloo (NL). LEMMENS, Joannes, Albertus, Wilhelmus [NL/NL]; Willem II Singel 70, NL-6041 HV Roermond (NL). THOMISSEN, Petrus, Jozef, Hubertus [NL/BE]; 2e Carabinierslaan 108, B-3620 Lanaken (BE).
- (74) VERHAEGEN, Ilse, Maria, Michel; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (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 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).

- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 201/04, 223/10
- (11) WO 2004/103964 (13) A1
- (21) PCT/EP2004/005643
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 03076590.3 23 May/mai 2003 EP (23.05.2003)
- (30) 03076591.1 23 May/mai 2003 EP (23.05.2003)
- (30) 03076589.5 23 May/mai 2003 EP (23.05.2003)
- (30) 03076592.9 23 May/mai 2003 EP (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CONTINUOUS PROCESS FOR PREPARING CAPROLACTAM
• PROCEDE CONTINU DE PREPARATION DE CAPROLACTAME
- (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) SMEETS, Theodorus, Maria [NL/NL]; Burgemeester Eussenstraat 6, NL-6181 BP Elsloo (NL). LEMMENS, Joannes, Albertus, Wilhelmus [NL/NL]; Willem II Singel 70, NL-6041 HV Roermond (NL). MOSTERT, Frank [NL/NL]; Meendaal 71, NL-6228 GG Maastricht (NL).
- (74) VERHAEGEN, Ilse, Maria, Michel; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (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 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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- Published / Publiée : (c)
-
- (51)⁷ C07D 201/16, 207/267
- (11) WO 2004/103965 (13) A1
- (21) PCT/JP2004/007130
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 2003-143731 21 May/mai 2003 JP (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR RECTIFYING N-VINYLL-2-PYRROLIDONE
• PROCEDE DE RECTIFICATION DE N-VINYLL-2-PYRROLIDONE
- (71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410043 (JP).

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(72, 75) **SUGIURA, Hideto** [JP/JP]; 9-18, Isecho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2100805 (JP). **YANO, Hitoshi** [JP/JP]; 1-8-1, Onoharanishi, Mino-shi, Osaka, 5620032 (JP).

(74) **HATTA, Mikio** et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo, 1020084 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 C07D 205/08

(11) WO 2004/103966 (13) A1

(21) PCT/KR2004/001215

(22) 21 May/mai 2004 (21.05.2004)

(25) ko (26) en

(30) 10-2003-0032128 21 May/mai 2003 KR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHIRAL 2-AZETIDINONE COMPOUNDS, PROCESS AND USE THEREOF

• COMPOSES 2-AZETIDINONE CHIRAUX ET LEUR PROCEDE D'UTILISATION

(71) **CKD BIO CORPORATION** [KR/KR]; 368, Chungjeongno 3-ga, Seodaemun-gu, Seoul 120-756 (KR).

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(72, 75) **HA, Deok-Chan** [KR/KR]; 303-1207, Ssangyong Apt., Garak-dong, Songpa-gu, Seoul 138-747 (KR). **LEE, You Sang** [KR/KR]; 201, 67-10, Jegi 2-dong, Dongdaemun-gu, Seoul 130-062 (KR). **KIM, Kyoung Hoon** [KR/KR]; 116 Anam-dong 2-ga, Seongbuk-gu, Seoul 136-072 (KR). **KANG, Tea Won** [KR/KR]; 113-702 Hyundai Apt., 578 Junggye-dong, Nowon-gu, Seoul 139-220 (KR). **JEON, Kwan Jun** [KR/KR]; 111/603 Raemian Gireum 1cha, 1279, Gireum-dong, Seongbuk-gu, Seoul 136-110 (KR). **BAEK, Hyoung Geun** [KR/KR]; 102-1603 Jugong 8-danji, Dujong-dong, Cheonan-si, Chungcheongnam-do 330-750 (KR).

(74) **PAIK, Nam-Hoon**; 14th Fl., KTB Network Building., 826-14 Yeoksam-dong., Kangnam-ku., Seoul 135-769 (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 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 C07D 207/00

(11) WO 2004/103967 (13) A2

(21) PCT/US2004/015917

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,072 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THIOCARBAMATE INHIBITORS OF ALPHA-4 INTEGRINS

• INHIBITEURS DE TYPE THIOCARBAMATES D'INTEGRINES ALPHA-4

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

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(72, 75) **JACKSON, David Y.** [US/US]; 1360 Claremont Drive, San Bruno, California 94066 (US).

(74) **EVANS, David W.** et al. / etc.; 1 DNA Way, South San Francisco., California 94080-4990 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D 207/48, 417/14, 401/04, A61K 31/40, C07D 403/12, A61P 35/04, C07D 405/14, 417/04

(11) WO 2004/103968 (13) A1

(21) PCT/IB2004/001818

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 03405380.1 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SULFOPYRROLES

• SULFOPYRROLES

(71) **APONETICS AG** [CH/CH]; Benkenstrasse 254, CH-4108 Witterswil (CH).

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

(72, 75) **EBERLE, Martin** [CH/CH]; Rütistrasse 34, CH-4103 Bottmingen (CH). **OBRECHT,**

Daniel [DE/CH]; Im Eichacker 21, CH-4112 Bättwil (CH). **ERMERT, Philipp** [DE/CH]; Steinbühlweg 31, CH-4123 Allschwil (CH). **LACH, Franck** [FR/FR]; 11, place des tonneliers, F-68100 Mulhouse (FR). **LUTHER, Anatol** [DE/DE]; Augstbergstrasse 10, 79639 Grenzach-Wyhlen (DE). **BACHMANN, Felix** [CH/CH]; Grellingerstrasse 38, CH-4052 Basel (CH). **STREBEL, Alessandro** [CH/CH]; Schmiedengasse 4, CH-4104 Oberwil (CH).

(74) **BECKER, Konrad**; Aeschenvorstadt 24, Postfach 318, CH-4010 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 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 C07D 209/42, C07K 5/02, 5/06

(11) WO 2004/103969 (13) A1

(21) PCT/FR2004/001225

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03291157.0 19 May/mai 2003 EP (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL METHOD FOR THE SYNTHESIS OF (2S, 3AS, 7AS)-PERHYDROINDOLE-2-CARBOXYLIC ACID AND THE ESTERS THEREOF, AND APPLICATION IN THE SYNTHESIS OF PERINDOPRIL

• NOUVEAU PROCEDE DE SYNTHESE DE L'ACIDE (2S, 3aS, 7aS)-PERHYDROINDOLE-2-CARBOXYLIQUE ET DE SES ESTERS, ET APPLICATION A LA SYNTHESE DU PERINDOPRIL

(71) **LES LABORATOIRES SERVIER** [FR/FR]; 12, Place de la Défense, F-92415 Courbevoie Cedex (FR).

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

(72, 75) **DUBUFFET, Thierry** [FR/FR]; 17, allée des Charmilles, F-76190 Autretot (FR). **LECOUVE, Jean-Pierre** [FR/FR]; 93, rue du Docteur Vigné, F-76600 Le Havre (FR).

(74) **LES LABORATOIRES SERVIER**; 12, place de la Défense, F-92415 Courbevoie 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 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 C07D 209/94, 209/88, A61K 31/403, A61P 11/02, 11/06

(11) WO 2004/103970 (13) A1

(21) PCT/CA2004/000752

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,957 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUORO-METHANESULFONYL-SUBSTITUTED CYCLOALKANOINDOLES AND THEIR USE AS PROSTAGLANDIN D2 ANTAGONISTS
• FLUORO-METHANESULFONYL-CYCLOALKANOINDOLES SUBSTITUES ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DE PROSTAGLANDINE D2

(71) MERCK FROSST CANADA & CO. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).
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(72, 75) LI, Lianhai [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). BEAULIEU, Christian [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). GUAY, Daniel [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). STURINO, Claudio [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). WANG, Zhaoyin [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

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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 C07D 211/14, 211/70, 211/62, 295/08, 295/18, 295/22, A61K 31/451, 31/4545, 31/495, A61P 43/00, 35/00, 15/00, 37/06, 25/28, 17/00

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(21) PCT/JP2004/006490

(22) 7 May/mai 2004 (07.05.2004)

(25) ja (26) ja

(30) 2003-143503 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CYCLIC AMINOPHENYL SULFAMATE DERIVATIVE
• DERIVE DE SULFAMATE D'AMINOPHENYLE CYCLIQUE

(71) TEIKOKU HORMONE MFG. CO., LTD. [JP/JP]; 5-1, Shibaura 2-chome, Minato-ku, Tokyo 108-8532 (JP).
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(72, 75) TAKEGAWA, Shigehiro [JP/JP]; 2-10-32-401, Shimokodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0041 (JP). IWASHITA, Shigeki [JP/JP]; 4-2-6-203, Shimokodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0041 (JP). OKADA, Makoto [JP/JP]; 2-20-15-503, Shimokodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0041 (JP). NAKAGAWA, Takayoshi [JP/JP]; 4-19-23, Kugenumakaigan, Fujisawa-shi, Kanagawa 251-0037 (JP). KOIZUMI, Naoyuki [JP/JP]; 8-8-3, Higashirinkan, Sagami-hara-shi, Kanagawa 228-0811 (JP). FUJII, Tomohito [JP/JP]; 2-20-15-507, Shimokodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0041 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D 211/70, 409/06, 405/14, 401/12, 409/12, 405/12, A61K 31/445, 31/454, 31/453, 31/4545, 31/4525, A61P 1/10, 1/12, 1/06

(11) WO 2004/103972 (13) A1

(21) PCT/JP2004/007132

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-142296 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL PIPERIDINE DERIVATIVE
• NOUVEAU DERIVE DE PIPERIDINE

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1048315 (JP).

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(72, 75) MAKINO, Shingo [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). FUKUCHI, Naoyuki [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). ASARI, Sayaka [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). HASHIMOTO, Masaki [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). YANO, Tetsuo [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). YAMADA, Youji [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). TOKUMASU, Munetaka [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). SHOJI, Masataka [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). TANABE, Itsuya [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). FUJITA, Shinichi [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP). MATSUMOTO, Hideki [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (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 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 C07D 215/20, 409/04, 417/04, 401/04, A61K 31/47, 31/407

(11) WO 2004/103973 (13) A1

(21) PCT/US2004/015142

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,436 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHENYL GUINOLINES AND THEIR USE AS ESTROGEN RECEPTOR MODULATORS
• PHENYL-GUINOLINES ET LEUR UTILISATION COMME MODULATEURS DES RECEPTEURS D'OESTROGENES

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(74) LUCCI, Joseph 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 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 C07D 215/54, 491/04, 498/04, 405/12, 401/12, 401/06, A61K 31/47, 31/4709, 31/4353, 31/5383, 31/4709, 31/4725, A61P 29/00, 37/08, 37/02, 43/00

(11) WO 2004/103974 (13) A1

(21) PCT/JP2004/007219

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145633 23 May/mai 2003 JP (23.05.2003)

(30) 2003-185248 27 Jun/juin 2003 JP (27.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUBSTITUTED 2-OXOQUINOLINE COMPOUND AND MEDICINAL USE THEREOF

• COMPOSE 2-OXOQUINOLINE SUBSTITUE ET UTILISATION MEDICALE DE CELUI-CI

(71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomom 2-chome, Minato-ku, Tokyo, 1058422 (JP).

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(72, 75) KAYA, Tetsudo [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). KAWASAKI, Hisashi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). WATANABE, Shizue [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). NAGAHASHI, Noboru [JP/JP]; c/o Central Pharmaceutical Research Institute of

Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). MATSUMOTO, Noriaki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). NOMURA, Yukihiro [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). CHATANI, Hiroshi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). UEDA, Yoshifumi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). MIMURA, Takayuki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). IWAMURA, Hiroyuki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (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 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 C07D 231/16

(11) WO 2004/103975 (13) A1

(21) PCT/EP2004/005066

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 22 910.8 21 May/mai 2003 DE (21.05.2003)

(30) 103 25 439.0 5 Jun/juin 2003 DE (05.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IODOPYRAZOLYL CARBOXYANILIDES

• IODOPYRAZOLYL CARBOXYANILIDES

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(72, 75) DUNKEL, Ralf [DE/DE]; Krischer Str. 22, 40789 Monheim (DE). ELBE, Hans-Ludwig [DE/DE]; Dasnöckel 59, 42329 Wuppertal (DE). GREUL, Jörg, Nico [DE/DE]; Am Sandberg 30 a, 42799 Leichlingen (DE). HARTMANN, Benoit [FR/DE]; Färberstr. 1, 40764 Langenfeld (DE). WACHENDORFF-NEUMANN, Ulrike [DE/DE]; Oberer Markenweg 85,

56566 Neuwied (DE). DAHMEN, Peter [DE/DE]; Altebrückerstr. 61, 41470 Neuss (DE). KUCK, Karl-Heinz [DE/DE]; Pastor-Löh-Str. 30 a, 40764 Langenfeld (DE).

(74) BAYER CROPSCIENCE AKTIENGESELLSCHAFT; Law and Patents, Patents and Licensing, Kaiser-Wilhelm-Allee, 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 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 C07D 233/50, 265/08, 235/30, 409/12, 495/04, 413/12, 277/18, 265/18

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(21) PCT/EP2004/004955

(22) 10 May/mai 2004 (10.05.2004)

(25) de (26) de

(30) 103 23 701.1 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR SYNTHESISING HETEROCYCLIC COMPOUNDS

• PROCEDE DE SYNTHESE DE COMPOSES HETEROCYCLIQUES

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

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(72, 75) HEINELT, Uwe [DE/DE]; Mosbacher Strasse 54, 65187 Wiesbaden (DE). LANG, Hans-Jochen [DE/DE]; Rüdesheimer Strasse 7, 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 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 C07D 239/42

(11) WO 2004/103977 (13) A2

(21) PCT/EP2004/050762

- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 03405355.3 21 May/mai 2003 EP (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR THE PREPARATION OF PYRIMIDINE DERIVATIVES
• PROCÉDE DE PRÉPARATION DE DERIVÉS DE PYRIMIDINE
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
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- (72, 75) END, Nicole [CH/CH]; Bienenstrasse 6, CH-4104 Oberwil (CH). RICHTER, Yvonne [DE/DE]; Jahnstrasse 2, 79585 Steinen (DE).
- (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 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 C07D 239/48
- (11) WO 2004/103979 (13) A1
- (21) PCT/JP2004/007224
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-148358 26 May/mai 2003 JP (26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR PRODUCING N-(2-AMINO-4,6-DICHLOROPYRIMIDINE-5-YL)FORMAMIDE
• PROCÉDE DE PRODUCTION DE N-(2-AMINO-4,6-DICHLOROPYRIMIDINE-5-YL)FORMAMIDE
- (71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
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- (72, 75) HAYASHI, Taketo [JP/JP]; c/o Sumitomo Chemical Company, Limited 1-21, Utajima 3-chome, Nishiyodogawa-ku Osaka-shi, Osaka, 5550021 (JP). KUMAZAWA, Hiroharu [JP/JP]; c/o Sumitomo Chemical Company, Limited 1-21, Utajima 3-chome, Nishiyodogawa-ku Osaka-shi, Osaka, 5550021 (JP). KAWAKAMI, Takehiko [JP/JP]; c/o Sumitomo Chemical Company, Limited 1-21, Utajima 3-chome, Nishiyodogawa-ku Osaka-shi, Osaka, 5550021 (JP). NISHIKAWA, Junichi [JP/JP]; c/o Sumitomo Chemical Company, Limited 1-21, Utajima 3-chome, Nishiyodogawa-ku Osaka-shi, Osaka, 5550021 (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 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 C07D 285/08, 409/12, 409/14, A61K 31/433, A61P 3/10, 3/04, 19/10, 17/00
- (11) WO 2004/103980 (13) A1
- (21) PCT/SE2004/000792
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 0301504-7 21 May/mai 2003 SE (21.05.2003)
- (30) 0301889-2 25 Jun/juin 2003 SE (25.06.2003)
- (30) 0301887-6 25 Jun/juin 2003 SE (25.06.2003)
- (30) 60/494,701 12 Aug/août 2003 US (12.08.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INHIBITORS OF 11-BETA-HYDROXY STEROID DEHYDROGENASE TYPE I
• INHIBITEURS DE 11-BETA-HYDROXY STEROIDE DESHYDROGENASE DE TYPE I
- (71) BIOVITRUM AB [SE/SE]; S-112 76 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILLIAMS, Meredith [GB/SE]; Danmarks-Edeby, S-755 98 Uppsala (SE). PYRING, David [SE/SE]; Tranebergsvägen 22, S-167 44 Bromma (SE). VÄGBERG, Jan [SE/SE]; Limavägen 18, S-192 71 Sollentuna (SE). HENRIKSSON, Martin [SE/SE]; Katarinabangata 13, S-116 39 Stockholm (SE). NILSSON, Cecilia [SE/SE]; Slottsvägen 2, S-169 69 Solna (SE). NILSSON, Catrine [SE/SE]; Sulitelmavägen 35, S-167 35 Bromma (SE).
- (74) CONRADT, Magnus; Biovitrum AB, S-112 76 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 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 C07D 285/14
- (11) WO 2004/103981 (13) A1
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(25) en (26) en

(30) 60/471,040 16 May/mai 2003 US
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(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PREPARING A 4,7-BIS(5-HALOTHYEN-2-YL)-2,1,3-BENZOTHIADIAZOLE AND A PRECURSOR THEREFOR

- PROCEDE POUR PREPARER UN 4,7-BIS(5-HALOTHYEN-2-YL)-2,1,3-BENZOTHIADIAZOLE ET UN PRECURSEUR DE CELUI-CI

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

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(72, 75) ZHANG, Chunming [CN/US]; 2010 Trailwood Circle, Midland, MI 48642 (US).

(74) WILLIS, Reid, S.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07D 295/088, A61K 31/495

(11) WO 2004/103982 (13) A1

(21) PCT/IB2003/001947

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • 2-[2-[4-[(4-CHLOROPHENYL)PHENYLMETHYL]-1-PIPERAZINYLMETHOXY]ACETIC ACID MONOHYDROCHLORIDE AS ANTI-ALLERGENIC COMPOUND AND PROCESS FOR ITS PRODUCTION

- MONOCHLORHYDRATE D'ACIDE 2-[2-[4-[(4-CHLOROPHENYL)PHENYLMETHYL]-1-PIPERAZINYLMETHOXY]ACETIQUE UTILE COMME COMPOSE ANTI-ALLERGENIQUE ET SON PROCEDE DE PRODUCTION

(71) WOCKHARDT LIMITED [IN/IN]; L-1, MIDC, Chikalthana, Aurangabad 431 210, Maharashtra (IN).

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

(72, 75) SINGH, Shiva, Prasad [IN/IN]; Wockhardt Ltd (Bulk Drug Division), Factory : Plot No. 138, GIDC Estate, Ankleshwar 393002, Dist. Bharuch (IN). MUKAR-RAM, Siddiqui, Mohammed, Jaweed

[IN/IN]; Wockhardt Limited, L-1, MIDC, Chikalthana, Aurangabad 431 210, Maharashtra (IN). MERWADE, Aravind, Yekanathsa [IN/IN]; Wockhardt Limited, L-1, MIDC, Chikalthana, Aurangabad 431 210, Maharashtra (IN). KHAN, Anjum, Reyaz [IN/IN]; Wockhardt Limited, L-1, MIDC, Chikalthana, Aurangabad 431 210, Maharashtra (IN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 295/135

(11) WO 2004/103983 (13) A1

(21) PCT/IN2003/000197

(22) 26 May/mai 2003 (26.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR THE PREPARATION OF S(+)-2-ETHOXY-4-[N-{1-(2-PIPERIDINOPHENYL)-3-METHYL-1-BUTYL} AMINOCARBONYLMETHYL]BENZOIC ACID DERIVATIVES

- PROCEDE DE PREPARATION DE DERIVES D'ACIDE BENZOIQUE S(+)-2-ETHOXY-4-[N-{1-(2-PIPERIDINOPHENYL)-3-METHYL-1-BUTYL} AMINOCARBONYLMETHYL]

(71) BIOCON LIMITED [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN).

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

(72, 75) ASWATHANARAYANAPPA, Chandrashekar [IN/IN]; Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). PUTHI-APARAMPIL, Tom, Thomas [IN/IN]; Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). SATHYA SHANKER, Padudevas-tana [IN/IN]; Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). SRIDHARAN, Madhavan [IN/IN]; Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). GANESH, Sambasivam [IN/IN]; Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN).

(74) ANAND, Pravin et al. / etc.; Anand & Anand Advocates, B-41 Nizamuddin East, 110013 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 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 C07D 295/205, C07C 311/10, C07D 295/215, A61K 31/495, 31/18, A61P 35/00

(11) WO 2004/103984 (13) A1

(21) PCT/EP2004/005682

(22) 26 May/mai 2004 (26.05.2004)

(25) de (26) de

(30) 103 23 898.0 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDROXYAMIDINE AND HYDROXYGUANIDINE COMPOUNDS AS UROKINASE INHIBITORS

- COMPOSES COMPORTANT DES GROUPES HYDROXYAMIDINE ET HYDROXYGUANIDINE UTILISES EN TANT QU'INHIBITEURS DE L'UROKINASE

(71) WILEX AG [DE/DE]; Grillparzerstr. 10, 81675 München (DE).

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

(72, 75) SPERL, Stefan [DE/DE]; Scharfreiterplatz 16, 81549 München (DE). BÜR-GLER, Markus [DE/DE]; Ötschmannweg 10, 81369 München (DE). SCHMALIX, Wolfgang [DE/DE]; Beislerstr. 45, 82194 Gröbenzell (DE). WOSIKOWSKI, Katja [DE/DE]; Seerosenstr. 3, 85586 Poing (DE). CLEMENT, Bernd [DE/DE]; Johann-Fleck-Str. 27, 24106 Kiel (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 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 C07D 311/22, A61K 31/352, A61P 33/00

(11) WO 2004/103985 (13) A2

(21) PCT/US2004/015418

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,267 16 May/mai 2003 US
(16.05.2003)

(30) 60/560,208 **7 Apr/avr 2004** US
(07.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SYNTHESIS OF CHROMANONES
• SYNTHÈSE DE CHROMANONES

(71) UNIVERSITY OF SOUTH CAROLINA [US/US]; 730 South Main Street, Columbia, South Carolina 29208 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALVATORE, Brian, A. [US/US]; c/o University of South Carolina, 730 South Main Street, Columbia, South Carolina 29208 (US).
SOLIS, Ferdinand, C. [US/US]; c/o University of South Carolina, 730 South Main Street, Columbia, South Carolina 29208 (US).

(74) MCBRIDE, Timothy, B. 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 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 C07D 311/62

(11) WO 2004/103986 (13) A2

(21) PCT/FR2004/001220

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 03/06088 **21 May/mai 2003** FR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • 3-DESOXYANTHOCYANIDINE COMPOUNDS AND USES THEREOF AS ANTIMICROBIAL AGENTS
• COMPOSES 3-DESOXYANTHOCYANIDINES ET LEURS UTILISATIONS COMME AGENTS ANTIMICROBIENS

(71) SYNTH'E 163 [FR/FR]; 20, Place des Halles, F-67000 Strasbourg (FR).
(only for / seulement pour US)

(72, 75) GEORGE, Florian [FR/FR]; 19A, boulevard Wilson, F-67000 Strasbourg (FR).
FELLAGUE, Toufik [DZ/FR]; 1C, rue d'Alsace, F-67400 Illkirch (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 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 C07D 311/62, A61K 31/352, 35/78, A61P 25/02, 25/28, 25/32, 35/00, A23L 1/30

(11) WO 2004/103987 (13) A1

(21) PCT/JP2004/006439

(22) 13 May/mai 2004 (13.05.2004)

(25) ja (26) ja

(30) 2003-142266 **20 May/mai 2003** JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DRUG FOR NERVOUS DISORDER
• MÉDICAMENT POUR TROUBLES NERVEUX

(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) ONO, Kaori [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP).
KITAHARA, Yoshiro [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2108681 (JP).

(74) KATO, Asamichi et al. / etc.; A. Kato & Associates, Bohsei Bldg. 7th Floor, 20-12, Shin-Yokohama 3-chome, 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 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 C07D 311/62, A61K 31/352, 35/78, A61P 3/10, 3/12, 25/28, 39/06, A23L 1/30

(11) WO 2004/103988 (13) A1

(21) PCT/JP2004/007448

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-148276 **26 May/mai 2003** JP
(26.05.2003)

(30) 2004-17113 **26 Jan/jan 2004** JP
(26.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SULFUR-CONTAINING PROANTHOCYANIDIN OLIGOMER COMPOSITION AND PROCESS FOR PRODUCING THE SAME

- PREPARATIONS D'OLIGOMÈRE DE PROANTHOCYANIDINE SULFURÉE, ET SON PROCÉDE DE PRODUCTION

(71) AMINO UP CHEMICAL CO., LTD. [JP/JP]; High Tech Hill Shin-ei, 363-32, Shin-ei, Kiyota-ku, Sapporo-shi, Hokkaido 004-0839 (JP).
USAIEN PHARMACEUTICAL CO., LTD. [JP/JP]; 1-4-6, Zaimoku, Saga-shi, Saga 840-0055 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NONAKA, Gen-ichiro [JP/JP]; 3-7, Zaimoku 1-chome, Saga-shi, Saga 840-0055 (JP).
SUN, Buxiang [CN/JP]; c/o Amino Up Chemical Co., Ltd., High Tech Hill Shin-ei, 363-32, Shin-ei, Kiyota-ku, Sapporo-shi, Hokkaido 004-0839 (JP).
YUAN, Lan [CN/JP]; c/o Amino Up Chemical Co., Ltd., High Tech Hill Shin-ei, 363-32, Shin-ei, Kiyota-ku, Sapporo-shi, Hokkaido 004-0839 (JP).
NAKAGAWA, Takashi [JP/JP]; c/o Amino Up Chemical Co., Ltd., High Tech Hill Shin-ei, 363-32, Shin-ei, Kiyota-ku, Sapporo-shi, Hokkaido 004-0839 (JP).
FUJII, Hajime [JP/JP]; c/o Amino Up Chemical Co., Ltd., High Tech Hill Shin-ei, 363-32, Shin-ei, Kiyota-ku, Sapporo-shi, Hokkaido 004-0839 (JP).
SURH, Young-Joon [KR/KR]; Hyun-Dai Apt. 123-110, Bongchun-3-dong, Kwanak-ku, Seoul 151-053 (KR).

(74) OHIE, Kunihisa; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (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 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 C07D 327/10

(11) WO 2004/103989 (13) A1

(21) PCT/AU2004/000676

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902561 **21 May/mai 2003** AU
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NUCLEOPHILIC ENHANCEMENT OF BETA-ENDOSULFAN IN AN ENDO-SULFAN MIX
• AMÉLIORATION NUCLEOPHILE DE BETA-ENDOSULFAN DANS UN MÉLANGE D'ENDOSULFANS

(71) CROP CARE AUSTRALASIA PTY LTD [AU/AU]; 77 Tingira Street, Pinkenba, Queensland 4008 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Craig, David [AU/AU]; 72 Hyland Street, Warrnambool, Victoria 3280 (AU).
MATTHEWS, Owen, Allen

[AU/AU]; 16 Cornubia Street, Cornubia, Queensland 4130 (AU). **MC MENIM, Michael, Edward** [AU/AU]; 12 Sommerssea Drive, Raby Bay, Queensland 4163 (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 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 C07D 333/20 // C07B 53/00, C07M 7:00

(11) WO 2004/103990 (13) A1

(21) PCT/JP2004/006602

(22) 11 May/mai 2004 (11.05.2004)

(25) ja (26) ja

(30) 2003-144742 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE N-MONOALKYL-3-HYDROXY-3-ARYLPROPYLAMINE COMPOUND AND INTERMEDIATE

• PROCEDE DE PRODUCTION D'UN COMPOSE DE N-MONOALKYLE-3-HYDROXY-3-ARYLPROPYLAMINE OPTIQUEMENT ACTIF ET SON INTERMEDIAIRE

(71) **SUMITOMO SEIKA CHEMICALS CO. LTD.** [JP/JP]; 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo, 6750145 (JP).

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

(72, 75) **IWAKURA, Kazunori** [JP/JP]; c/o SUMITOMO CHEMICAL COMPANY, LIMITED 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka, 5540022 (JP). **HIGASHII, Takayuki** [JP/JP]; c/o SUMITOMO CHEMICAL COMPANY, LIMITED 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka, 5540022 (JP). **BANDO, Seiji** [JP/JP]; c/o Fine Chemicals Research Laboratory, SUMITOMO SEIKA CHEMICALS CO., LTD. 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo, 6750145 (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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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 C07D 401/04, 471/04, 471/08, 471/14, 471/18, 487/04, 487/18, 513/18, A61K 31/519, 31/4375, 31/439, 31/4545, 31/547, A61P 25/00

(11) WO 2004/103991 (13) A1

(21) PCT/RU2004/000187

(22) 18 May/mai 2004 (18.05.2004)

(25) ru (26) ru

(30) 2003114719 20 May/mai 2003 RU (20.05.2003)

(30) 2003114720 20 May/mai 2003 RU (20.05.2003)

(30) 2004109819 1 Apr/avr 2004 RU (01.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • 2-SUBSTITUTED PIPERIDINES, FOCUSED LIBRARY AND A PHARMACEUTICAL COMPOUND

• PIPERIDINES 2-SUBSTITUEES, BIBLIOTHEQUE FOCALISEE ET COMPOSITION PHARMACEUTIQUE

(71) "CHEMICAL DIVERSITY RESEARCH INSTITUTE", LTD. [RU/RU]; ul. Pervomaiskaya, 1, Dolgoprudny, Moskovskaya obl., 141700 (RU).

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

(72, 75) **IVASHCHENKO, Alexander Vasilievich** [RU/US]; 2874 Calle Rancho Vista, Encinitas, CA 92024 (US). **VVEDENSKY, Vladimir Yurievich** [RU/RU]; ul. Lenina, 40-26, Irkutsk, 664003 (RU). **AGARKOV, Anton Yurievich** [RU/RU]; ul. Minusinskaya, 11-307, Moscow, 129346 (RU). **SANDULENKO, Yuriy Borisovich** [RU/RU]; pr-t Jubileiny, 60-227, Khimki, Moskovskaya obl., 141400 (RU). **SHKAVROV, Sergey Vladimirovich** [RU/RU]; pr-t Stroitelei, 1-408, Chernogolovka, Moskovskaya obl., 142432 (RU). **KRAVCHENKO, Dmitri Vladimirovich** [RU/RU]; ul. Kosmodemyanskoi, 4-144, Schelkovo, Moskovskaya obl., 141100 (RU). **TKACHENKO, Sergey Yevgenievich** [RU/RU]; ul. Tsentralnaya, 4-41, Chernogolovka, Moskovskaya obl., 142432 (RU). **KHVAT, Alexander Viktorovich** [RU/US]; 11084 Caminito Alegria, San Diego, CA 92131 (US). **OKUN, Ilya Matusevich** [US/US]; 5924 Seacrest View Road, 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 SC SD SE SG SK SL SY TJ 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).

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 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 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)

(u) for / pour US only / seulement

(51)⁷ C07D 401/12, 401/14, 405/12, 487/04, 487/10, A61K 31/506, 31/55, A61P 1/00, 15/06, 15/08, 17/00, 19/06, 25/00, 25/02, 25/08, 25/20, 25/22, 25/24, 25/28, 25/30, 35/00, 43/00, 1/16, 3/04, 3/06, 3/10, 5/00, 9/00, 9/04, 9/10, 9/12, 11/00, 13/12, 15/00

(11) WO 2004/103992 (13) A1

(21) PCT/JP2004/007217

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143398 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • 2-AMINOQUINOLINE DERIVATIVE

• DERIVE DE 2-AMINOQUINOLINE

(71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi honcho 2-chome, Chuo-ku, Tokyo, 1038416 (JP).

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

(72, 75) **MORIYA, Minoru** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611 (JP). **SUZUKI, Takao** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611 (JP). **ISHIHARA, Akane** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611 (JP). **IWAASA, Hisashi** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611 (JP). **KANATANI, Akio** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611 (JP).

(74) **BANYU PHARMACEUTICAL CO., LTD.**; 2-3, Nihombashi honcho 2-chome, Chuo-ku, Tokyo, 1038416 (JP).

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

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C07D 403/12

(11) WO 2004/103993 (13) A1

(21) PCT/US2004/015211

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,523 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIPEPTIDYL PEPTIDASE IN-
HIBITORS
• INHIBITEURS DE DIPEPTIDYL PEPTI-
DASE

(71) SYRRX, INC. [US/US]; 10410 Science Cen-
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(74) WEITZ, David J.; SYRRX, INC., 10410
Science Center Drive, San Diego, California
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 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 C07D 413/04, 413/14, 417/14, A61K
31/4245

(11) WO 2004/103994 (13) A1

(21) PCT/IB2004/001723

(22) 19 May/mai 2004 (19.05.2004)

(25) en

(30) 03405365.2 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FURAZANOBENZIMIDAZOLES
• FURAZANOBENZIMIDAZOLES

(71) APONETICS AG [CH/CH]; Benkenstrasse
254, CH-4108 Witterswil (CH).
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(72, 75) EBERLE, Martin [CH/CH]; Rütistrasse
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MANN, Martin [CH/CH]; Grellingerstrasse
38, CH-4052 Basel (CH). STREBEL,
Alessandro [CH/CH]; Schmiedengasse
4, CH-4104 Oberwil (CH). ROY, Subho
[IN/IN]; No.1B Abhishek Apartment, 151
Brahma Samaj Road, Kolkata, West Ben-
gal 700 034 (IN). SRIVASTAVA, Sudhir
[IN/IN]; Telari Village, P.O. Madhumakhian
(Anei), Varanasi, Uttar Pradesh 221 201 (IN).
SAHA, Goutam [IN/IN]; 1167 Rabindrana-
gar, P.O. Laskarpur, Kolkata, WeST Bengal
700 153 (IN).

(74) BECKER, Konrad; Aeschenvorstadt 24,
Postfach 318, CH-4010 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 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) C07D 413/12, 417/12, 403/12, 207/16,
A61K 31/427, A61P 5/50

(11) WO 2004/103995 (13) A1

(21) PCT/EP2004/005434

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,067 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • N-ACYL NITROGEN HETEROCY-
CLES AS LIGANDS OF PEROXISOME
PROLIFERATOR-ACTIVATED RECEP-
TORS
• HETEROCYCLES D'AZOTE N-ACYLE
UTILISES COMME LIGANDS DES RE-
CEPTEURS ACTIVES PAR LES PROLI-
FERATEURS DE PEROXYSONES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).
(for all designated States except / pour tous
les États désignés sauf AT US)

(71) NOVARTIS PHARMA GMBH [AT/AT];
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(72, 75) KSANDER, Gary, Michael [US/US];
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(74) GRUBB, Philip; Novartis AG, Corporate In-
tellectual 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 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 C07D 417/04, C07K 5/08, A61P 31/00

(11) WO 2004/103996 (13) A1

(21) PCT/CA2004/000750

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,709 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEPATITIS C INHIBITOR COM-
POUNDS
• COMPOSES INHIBITEURS DE
L'HEPATITE C

(71) BOEHRINGER INGELHEIM INTER-
NATIONAL GMBH [DE/DE]; Binger
Strasse 173, 55118 Ingelheim (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 CY 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 SZ TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW)

(71) BOEHRINGER INGELHEIM PHARMA
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- (74) **OGILVY RENAULT**; c/o Boehringer Ingelheim (Canada) Ltd., 2100 Cunard Street, Laval, Québec H7S 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 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 **C07D 417/06, A61K 31/425, A61P 3/00, 9/08 // (C07D 417/06, 277/00, 211:00)**
- (11) **WO 2004/103997** (13) A1
- (21) PCT/IB2004/001619
- (22) **10 May/mai 2004 (10.05.2004)**
- (25) en (26) en
- (30) 60/472,568 **21 May/mai 2003 US (21.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **TETRAHYDROISOQUINOLINE DERIVATIVES AS PPAR- α ACTIVATORS**
- **DERIVES DE TETRAHYDROISOQUINOLEINE UTILES COMME ACTIVATEURS DE PPAR- α LPHA**
- (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) **CHANG, George** [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) **FULLER, Grover, F., Jr.** et al. / etc.; c/o LAWRENCE, Jackie, Pfizer Inc., MS8260-1615, 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 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).
- Published / Publiée : (c)
-
- (51)⁷ **C07D 417/12, 215/54, 413/12, 403/12, 407/12, 401/12, 409/12, 403/14, 407/14, A61K 31/4706, 31/4709, A61P 11/00**
- (11) **WO 2004/103998** (13) A1
- (21) PCT/EP2004/005494
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 0311688.6 **21 May/mai 2003 GB (21.05.2003)**
- (30) 0326187.2 **10 Nov/nov 2003 GB (10.11.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **QUINOLINE DERIVATIVES AS PHOSPHODIESTERASE INHIBITORS**
- **DERIVES DE QUINOLEINE UTILISES EN TANT QU'INHIBITEURS DE LA PHOSPHODIESTERASE**
- (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) **BALDWIN, Ian, Robert** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **BARKER, Michael, David** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **DEAN, Anthony, William** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **ELDRED, Colin, David** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **EVANS, Brian** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **GOUGH, Sharon, Lisa** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **GUNTRIP, Stephen, Barry** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **LINDVALL, Mika, Kristian** [FI/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **HAMBLIN, Julie, Nicole** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **HOLMAN, Stuart** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **JONES, Paul** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **LUNNISS, Christopher, James** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **REDFERN, Tracy, Jane** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **REDGRAVE, Alison, Judith** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **ROBINSON, John, Edward** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). **WOODROW, Michael** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
- (74) **COOKE, Tracey**; 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 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 **C07D 417/12**
- (11) **WO 2004/103999** (13) A1
- (21) PCT/US2004/015497
- (22) **17 May/mai 2004 (17.05.2004)**
- (25) en (26) en
- (30) 60/470,788 **15 May/mai 2003 US (15.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **AZTREONAM β POLYMORPH WITH VERY LOW RESIDUAL SOLVENT CONTENT**
- **POLYMORPHE ? DE AZTREONAM AVEC TRES FAIBLE CONTENU EN SOLVANT RESIDUEL**
- (71) **BIOGAL GYOGYSZERGYAR RT.** [HU/HU]; Pallagi 13, H-4043 Debrecen (HU). *(for all designated States except / pour tous les États désignés sauf BB US)*
- (71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1090 Horsham Road, P.O. Box 1090, North Wales, PA 19454-1090 (US). *(only for / seulement pour BB)*
- (72, 75) **GYOLLAI, Viktor** [HU/HU]; Mikszath Kalman Strasse 77, H-4032 Debrecen (HU). **SZABO, Csaba** [HU/HU]; Tozser u. 1., H-4031 Debrecen (HU). **SINGER, Claude** [HU/HU]; David Elazar 8/8, 44358 Kfar Saba (IL).
- (74) **BRAINARD, Charles, R.**; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).
- Published / Publiée : (c)
-
- (51)⁷ **C07D 455/04, 498/06, 498/10, 471/04, A61K 31/4725, 31/4995, 31/4745, 31/553, 31/5383, 31/496, 31/4353, A61P 37/02, 37/08, 29/00**
- (11) **WO 2004/104000** (13) A1
- (21) PCT/JP2004/007212
- (22) **20 May/mai 2004 (20.05.2004)**

- (25) ja (26) ja
(30) 2003-145632 **23 May/mai 2003** JP
(23.05.2003)
(30) 2003-185247 **27 Jun/juin 2003** JP
(27.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • TRICYCLIC CONDENSED RING COMPOUND AND MEDICAL USE THEREOF
• COMPOSE CYCLIQUE CONDENSE TRICYCLIQUE ET SON UTILISATION MEDICALE

(71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo, 1058422 (JP).
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(72, 75) KAWASAKI, Hisashi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). KAYA, Tetsudo [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). IMAI, Hiroto [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). MIURA, Tomoya [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). NOMURA, Yukihiro [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). CHATANI, Hiroshi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). UEDA, Yoshifumi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (JP). IWA-MURA, Hiroyuki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco, Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka, 5691125 (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 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 C07D 471/00

(11) WO 2004/104001 (13) A2

(21) PCT/US2004/016243

(22) 20 May/mai 2004 (20.05.2004)

- (25) en (26) en
(30) 60/472,375 **21 May/mai 2003** US
(21.05.2003)
(30) 60/551,256 **8 Mar/mar 2004** US
(08.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PYRROLOPYRIDINE-2-CARBOXYLIC ACID AMIDE INHIBITORS OF GLYCOGEN PHOSPHORYLASE
• INHIBITEURS D'AMIDE D'ACIDE PYRROLOPYRIDINE-2-CARBOXYLIQUE DE LA GLYCOGENE PHOSPHORYLASE

(71) OSI PHARMACEUTICALS, INC. [US/US]; Suite 110, 58 South Service Road, Melville, NY 11747 (US).

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(72, 75) BRADLEY, Stuart, Edward [GB/GB]; Watlington Road, Oxford OX4 6LT (GB). KRULLE, Thomas, Martin [GB/GB]; Watlington Road, Oxford OX4 6LT (GB). MURRAY, Peter, John [GB/GB]; Watlington Road, Oxford OX4 6LT (GB). PROCTER, Martin, James [GB/GB]; Watlington Road, Oxford OX4 6LT (GB). ROWLEY, Robert, John [GB/GB]; Watlington Road, Oxford OX4 6LT (GB). SAMBROOK SMITH, Colin, Peter [GB/GB]; Watlington Road, Oxford OX4 6LT (GB). THOMAS, Gerard, Hugh [GB/GB]; Watlington Road, Oxford OX4 6LT (GB).

(74) LEE, Shu, M.; OSI Pharmaceuticals, Inc., Suite 110, 58 South Service 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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)

(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 FR GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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)
(u) for / pour US only / seulement

(51)⁷ C07D 471/04, A61K 31/519, A61P 35/00

(11) WO 2004/104002 (13) A1

(21) PCT/EP2004/005379

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 345.8 **23 May/mai 2003** DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NOVEL PYRIDOPYRAZINES AND USE THEREOF AS KINASE INHIBITORS

- NOUVELLES PYRIDOPYRAZINES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE KINASES

(71) ZENTARIS GMBH [DE/DE]; Weissmüllerstrasse 45, 60314 Frankfurt/Main (DE).

(72) GÜNTHER, Eckhard; Wingertstrasse 176, 63477 Maintal (DE). CLAUS, Eckhard; Gründenseestrasse 26, 60386 Frankfurt/Main (DE). SEIPPELT, Irene; Hermannstrasse 5, 63069 Offenbach (DE). RAPP, Ulf-R.; Rothweg 93, 97082 Würzburg (DE). WIXLER, Ludmilla; Königsberger Strasse 18, 97072 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 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 C07D 471/04, A61K 31/4985, A61P 17/14, 9/10, 35/00

(11) WO 2004/104003 (13) A1

(21) PCT/EP2004/005388

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 345.8 **23 May/mai 2003** DE
(23.05.2003)

(30) 10 2004 022 383.1 **6 May/mai 2004** DE
(06.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NOVEL PYRIDOPYRAZINES AND USE THEREOF AS KINASE MODULATORS

- NOUVELLES PYRIDOPYRAZINES ET LEUR UTILISATION EN TANT QUE MODULATEURS DE KINASES

(71) ZENTARIS GMBH [DE/DE]; Weissmüllerstrasse 45, 60314 Frankfurt/Main (DE).

(72) GÜNTHER, Eckhard; Wingertstrasse 176, 63477 Maintal (DE). CLAUS, Eckhard;

Gründenseestrasse 26, 60386 Frankfurt/Main (DE). **SEIPELT, Irene**; Hermannstrasse 5, 63069 Offenbach (DE). **RAPP, Ulf-R.**; Rothweg 93, 97082 Würzburg (DE). **WIXLER, Ludmilla**; Königsberger Strasse 18, 97072 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 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 C07D 471/10, 519/00, A61K 31/4747, A61P 25/00, 7/10

(11) WO 2004/104004 (13) A2

(21) PCT/DK2004/000360

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,351 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOCICEPTIN ANALOGUES AND USES THEREOF

• ANALOGUES DE NOCICEPTINE ET LEURS UTILISATIONS

(71) ZEALAND PHARMA A/S [DK/DK]; Smedeland 26B, DK-2600 Glostrup (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HANSEN, Lars Bo Laurenborg [DK/DK]; Peberhaven 19 st. tv., DK-2730 Herlev (DK). LARSEN, Bjarne, Due [DK/DK]; Jyllingevej 16, 1., DK-2720 Vanløse (DK). THORKILDSEN, Christian [DK/DK]; Ved Kæret 17A, Hvedstrup, DK-4000 Roskilde (DK). KNUDSEN, Carsten Boye [DK/DK]; Magnoliavej 10, DK-2670 Greve (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 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 C07D 475/00

(11) WO 2004/104005 (13) A2

(21) PCT/EP2004/005501

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,158 23 May/mai 2003 US (23.05.2003)

(30) 03079183.4 24 Dec/déc 2003 EP (24.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMMUNOSUPPRESSIVE EFFECTS OF PTERIDINE DERIVATIVES

• EFFETS IMMUNOSUPPRESSIFS DE DERIVES DE PTERIDINE

(71) 4 AZA BIOSCIENCE NV [BE/BE]; Kapucijnenvoer 33, B-3000 Leuven (BE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WAER, Mark, Jozef, Albert [BE/BE]; Waversebaan 263, B-3001 Heverlee (BE). HERDEWIJN, Piet, André, Maurits, Maria [BE/BE]; Olivierstraat 21, B-3111 Rotselaar/Wezemaal (BE). PFLEIDERER, Wolfgang, Eugen [DE/DE]; Lindauerstrasse 47, 78464 Konstanz (DE).

(74) BIRD, William et al. / etc.; Bird Goën & Co., Klein Dalenstraat 42 A, B-3020 Winksele (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07D 487/00

(11) WO 2004/104006 (13) A2

(21) PCT/US2004/014834

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,458 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR SYNTHESIZING β -LACTAMASE INHIBITOR IN INTERMEDIATES

• PROCEDE DE SYNTHESE D'INTERMEDIAIRES D'INHIBITEURS DE BETA-LACTAMASE

(71) WYETH HOLDINGS CORPORATION [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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

(72, 75) WINKLEY, Michael, William [US/US]; 1 Arbor Road, Campbell Hall, NY 10916 (US). CHAN, Anita Wai-Yin [CN/US]; 1600 Center Avenue, Apartment 6D, Fort Lee, NJ 07024 (US). JIRKOVSKY, Ivo, L. [CA/US]; P.O.Box 1209, Waitsfield, VT 05673 (US). KREMER, Kenneth, Alfred, Martin [US/US]; 79 Craven Lane, Lawrenceville, NJ 08648 (US). ZELDIS, Joseph [US/US]; 195 Long Clove Road,

New City, NY 10956 (US). NIKITENKO, Antonina, Aristotelevna [US/US]; 15B Windle Park Avenue, Tarrytown, NY 10591 (US). STRONG, Henry, Lee [US/US]; 45 Baier Avenue, Somerset, NJ 08873 (US). MANSOUR, Tarek, Suhayl [CA/US]; 5 Overlook Road, New City, NY 10956 (US). KHAFIZOVA, Gulnaz [US/US]; 3 Fawn Court, West Nyack, NY 10994 (US). VENKATESAN, Aranapakam, Mudumbai [US/US]; 97-07 63rd Road Apt. 9K, Rego Park, NY 11374 (US).

(74) MORAN, Daniel, B.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

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 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)

(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 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 C07D 487/04, 487/14, A61K 31/519, A61P 35/00

(11) WO 2004/104007 (13) A1

(21) PCT/EP2004/050612

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/472,661 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PYRAZOLO-QUINAZOLINE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE AS KINASE INHIBITORS

- DERIVES DE PYRAZOLO-QUINAZOLINE, PROCEDE DE PREPARATION ASSOCIE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE KINASE

(71) PHARMACIA ITALIA S.P.A. [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (Italy) (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TRAQUANDI, Gabriella [IT/IT]; Via F.Cilea, 106, I-20151 Milan (IT) (IT). BRASCA, Maria Gabriella [IT/IT]; Via Dante Alighieri, 15, I-20090 Cusago (Milan) (IT). D'ALESSIO, Roberto [IT/IT]; Via S.Paolo, 5, I-20092 Cinisello Balsamo (Milan) (IT). POLUCCI, Paolo [IT/IT]; Via F.Sforza, 52, I-62100 Macerata (IT). RO-LETTI, Fulvia [IT/IT]; Via Del Roccio, 49, I-20020 Busto Garolfo (Milan) (IT). VULPETTI, Anna [IT/IT]; Via Volturmo 80, Portici 3, I-20047 Brugherio (Milan) (IT). PEVARELLO, Paolo [IT/IT]; Piazza San Pietro in Ciel d'Oro, 7/a, I-27100 Pavia (IT). PANZERI, Achille [IT/IT]; Via G.Matteotti, 8, I-23807 Merate (LC) (IT). QUARTIERI, Francesca [IT/IT]; Via Torino, 14, I-28041 Arona (NO) (IT). FERGUSON, Ron [US/IT]; Via G.Verdi, 25, I-21020 Casale Litta (VA) (IT). VIANELLO, Paola [IT/IT]; Via Trebazio, 6, I-20145 Milan (IT). FANCELLI, Daniele [IT/IT]; Via Montecuccoli, 8, I-20147 Milan (IT).

(74) MODIANO JOSIF PISANTY & STAUB LTD.; Baaderstrasse 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 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 C07D 487/04, 498/04, 513/04, 471/04, C12P 17/00

(11) WO 2004/104008 (13) A1

(21) PCT/US2004/014833

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/471,461 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR SYNTHESIZING β-LACTAMASE INHIBITOR INTERMEDIATES

- PROCESSUS DE SYNTHÈSE D'INTERMÉDIAIRES DE L'INHIBITEUR DE β-LACTAMASE

(71) WYETH HOLDINGS CORPORATION [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).

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

(72, 75) MATUR, Ramesh, Venkat [US/US]; 466 Sheffield Road, Ridgewood, NJ 07450 (US). RUPPEN, Mark, Edward [US/US]; 6 Lea Court, Garnerville, NY 10923 (US).

(74) MORAN, Daniel, B.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

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 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)

(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 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 C07D 491/10, A61K 31/4355, A61P 9/00, 25/00, 3/00 // C07D 491/10, 307/00, 221/00

(11) WO 2004/104009 (13) A1

(21) PCT/US2004/015051

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,680 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR MAKING SPIROLACTONE COMPOUNDS

- PROCEDE DE PRODUCTION DE COMPOSES SPIROLACTONES

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). BANYU PHARMACEUTICAL CO., LTD. [JP/JP]; 2-3, Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).

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

(72, 75) VOLANTE, Ralph, P. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). WEISSMAN, Steven, A. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). IIDA, Takehiko [JP/JP]; 2-3 Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP). YAMAMOTO, Yuhei [JP/JP]; 2-3 Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP). SATO, Hiroki [JP/JP]; 2-3, Nihombashi-Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP). MAEDA, Kenji [JP/JP]; 2-3, Nihombashi Honcho, 2-Chome, Chuo-ku, Tokyo 103-8416 (JP). SAWADA, Naotaka [JP/JP]; 2-3, Nihombashi-Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP). MASE, Toshiaki [JP/JP]; 2-3, Nihombashi Honcho, 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).

(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 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).

Published / Publiée : (c)

(51)⁷ C07D 501/22, A61K 31/546, A61P 31/04

(11) WO 2004/104010 (13) A1

(21) PCT/IB2004/001629

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 711/DEL/2003 20 May/mai 2003 IN (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CRYSTALLINE FORM OF CEFDINIR

- FORME CRISTALLINE DE CEFDINIR

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110 019 (IN).

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

(72, 75) KUMAR, Yatendra [IN/IN]; U-26/5, Phase - III, DLF Qutab Enclave, Gurgaon, Haryana 122001 (IN). PRASAD, Mohan [IN/IN]; P-3/3, Phase - II, DLF Qutab Enclave, Gurgaon, Haryana 122001 (IN). PRASAD, Ashok [IN/IN]; 147/9, Dr. Gupta's Flat, Kishangarh, Vasant Kunj, New Delhi 110070 (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, 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 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 C07F 5/02, 5/04

(11) WO 2004/104011 (13) A1

(21) PCT/IN2003/000196

(22) 26 May/mai 2003 (26.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NOVEL PROCESS FOR PREPARATION OF [6-(2-AMINO-ETHYL)-2-ARYL-[1,3,2]DIOXABORINAN-4-YL]-ACETIC ESTERS

- NOUVEAU PROCEDE DE PREPARATION D'ESTERS ACETIQUES [6-(2-AMINO-ETHYL)-2-ARYL-[1,3,2]DIOXABORINAN-4-YL]

- (71) BIOCON LIMITED [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN).

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

- (72, 75) UJIRE, Sandhya [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). PUTHIAPARAMPIL, Tom, Thomas [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). SRIDHARAN, Madhavan [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN). GANESH, Sambasivam [IN/IN]; c/o Biocon India Limited, 20th Km Hosur Road, Hebbagodi, Bangalore, 561229 Karnataka (IN).

- (74) ANAND, Pravin et al. / etc.; Anand & Anand Advocates, B-41 Nizamuddin East, 110013 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 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 C07F 7/16

(11) WO 2004/104012 (13) A1

(21) PCT/FR2004/001048

(22) 30 Apr/avr 2004 (30.04.2004)

(25) fr

(30) 03/06099

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR THE AGGLOMERATION OF USED MATERIAL OR FINES FROM THE PRODUCTION OF ORGANOHALOSILANES

- PROCEDE D'AGGLOMERATION DE LA MASSE USEE OU DES FINES ISSUES DE LA PRODUCTION D'ORGANOHALOSILANES

- (71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne Billancourt Cedex (FR).

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- (72, 75) SIMON, Gérard [FR/FR]; 1, place Adrien Godien, F-69004 Lyon (FR).

- (74) TROLLIET, Maurice; Centre de Recherches de Lyon, Direction de la Propriété Industrielle, 85, rue des Frères Perret - BP 62, F-69192 Saint Fons 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 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).

Published / Publiée : (c)

(51)⁷ C07F 7/18, C08G 77/388

(11) WO 2004/104013 (13) A1

(21) PCT/US2004/009153

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/471,030 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD OF PREPARING EMULSIONS CONTAINING ELASTOMERIC SILANES AND SILOXANES HAVING QUATERNARY AMMONIUM GROUPS

- PROCEDE POUR FABRIQUER DES EMULSIONS CONTENANT DES SILANES OU SILOXANES ELASTOMERES COMPRENANT DES ATOMES D'AZOTE

- (71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

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

- (72, 75) JOHNSON, Bethany [US/US]; 518 East Chapel Lane, Midland, MI 48642 (US). LAFORE, Michael, Richard [US/US]; 4890 East River Road, Freeland, MI 48623 (US). LILES, Donald [US/US]; 1105 Sterling Court, Midland, MI 48640 (US). LIN, Zuchen [US/US]; 5025 Foxpoint Circle, Midland, MI 48642 (US).

(26) fr

21 May/mai 2003 FR (21.05.2003)

- (74) DECESARE, James, L.; IP Dept-Mail CO1232, Dow Corning Corporation, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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 C07F 9/00

(11) WO 2004/104014 (13) A2

(21) PCT/EP2004/005251

(22) 15 May/mai 2004 (15.05.2004)

(25) de (26) de

(30) 103 23 692.9 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CHIRAL LIGANDS AND THEIR TRANSITION METAL COMPLEXES

- LIGANDS CHIRAUX ET LEURS COMPLEXES DE METAUX DE TRANSITION

- (71) BAYER CHEMICALS AG [DE/DE]; 51368 Leverkusen (DE).

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

- (72, 75) SCHOLZ, Ulrich [DE/DE]; Beutherstr. 11, 45475 Mülheim (DE). SCHLUMMER, Björn [DE/DE]; Ankerweg 1A, 51377 Leverkusen (DE). KNOCHEL, Paul [DE/DE]; Wangener Str. 3, 81475 München (DE). BUNLAKSANANUSORN, Tanasri [DE/DE]; Heiglhofstr. 44, 81377 München (DE).

- (74) BAYER CHEMICALS 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 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 C07F 9/00

(11) WO 2004/104015 (13) A2

(21) PCT/US2004/015876

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,716 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NOVEL PHOSPHOTETRAHYDROXY-
RANS AND METHODS

- NOUVEAUX PHOSPHOTETRAHY-
DROXYRANES ET LEURS PROCÉDES

(71, 72) COWDEN, William [US/AU];
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bah, ACT 2902 (AU). BARTELL, Gavin
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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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07H 5/02, 1/00, 13/04

(11) WO 2004/104016 (13) A1

(21) PCT/CN2003/000655

(22) 11 Aug/août 2003 (11.08.2003)

(25) zh (26) zh

(30) 03126655.X 23 May/mai 2003 CN
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PROCESS FOR THE PREPARATION
OF 4, 1', 6'-TRICHLORO-4, 1', 6'-
TRIDEOXYGALACTOSUCROSE

- PROCÉDE DE PRÉPARATION DE
4,1',6'-TRICHLORO-4,1',6'-TRIDE-
SOXYGALACTOSACCHAROSE

(71) THE FOOD INDUSTRY INSTITUTE
OF GUANGDONG PROVINCE [CN/CN];
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Guangdong 510308 (CN).

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les États désignés sauf US)

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tral, Guangzhou, Guangdong 510070 (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 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
ZW.

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

(51)⁷ C07H 19/00

(11) WO 2004/104017 (13) A2

(21) PCT/US2004/015783

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,643 19 May/mai 2003 US
(19.05.2003)

(30) 10/848,403 18 May/mai 2004 US
(18.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHODS FOR PREPARING
2-ALKNYLADENOSINE DERIVA-
TIVES

- PROCÉDES PERMETTANT DE PREPA-
RER DES DERIVES DE 2-ALCNYLA-
DENOSINE

(71) BRISTOL-MEYERS SQUIBB PHARMA
COMPANY [US/US]; P.O. BOX 4000,
Princeton, NJ 08543-4000 (US).

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

(72, 75) PICKERSGILL, Iain, Fraser [US/US];
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[US/US]; 55 Turkey Hill Road, Lunenburg,
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(74) VOLLES, Warren, K.; Bristol-Myers
Squibb Pharma Company, P.O. Box 4000,
Princeton, NJ 08543 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C07K

(11) WO 2004/104018 (13) A2

(21) PCT/US2004/015162

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,905 14 May/mai 2003 US
(14.05.2003)

(30) 60/471,114 15 May/mai 2003 US
(15.05.2003)

(30) 60/506,702 25 Sep/sep 2003 US
(25.09.2003)

(30) 60/536,697 14 Jan/jan 2004 US
(14.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COMPOSITIONS FOR DELIVERING
PEPTIDE YY AND PYY AGONISTS

- COMPOSITIONS D'ADMINISTRATION
DE PEPTIDE YY DE D'AGONISTES
PYY

(71) EMISPHERE TECHNOLOGIES, INC.
[US/US]; 765 Old Saw Mill River Road,
Tarrytown, NY 10591 (US).

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les États désignés sauf US)

(72, 75) DINH, Steve [US/US]; c/o Emisphere
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River Road, Tarrytown, NY 10591 (US).
WANG, Huaizhen [CN/US]; c/o Emi-
sphere Technologies, Inc., 765 Old Saw
Mill River Road, Tarrytown, NY 10591
(US). GOMEZ-ORELLANA, M., Isabel
[ES/US]; c/o Emisphere Technologies, Inc.,
765 Old Saw Mill River Road, Tarrytown,
NY 10591 (US).

(74) LUDWIG, S., Peter 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 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 C07K

(11) WO 2004/104019 (13) A2

(21) PCT/US2004/015208

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,606 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANTI-INFLAMMATORY/ANTI-MI-CROBIAL PEPTIDES FOR USE IN DIALYSIS

• ANTI-INFLAMMATORY/ANTI-MI-CROBIAL PEPTIDES FOR USE IN DIALYSIS

(71) ZENGGEN, INC. [US/US]; 21800 Oxnard Street, Suite 980, Woodland Hills, CA 91367 (US).

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(72, 75) LIPTON, James, M. [US/US]; 5800 Owensmouth Avenue, #10, Woodland Hills, CA 91367 (US).

(74) DEVLIN, David P. et al. / etc.; Perkins Coie LLP, Patent - LA, 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 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 C07K

(11) WO 2004/104020 (13) A2

(21) PCT/US2004/015317

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,464 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REPEAT SEQUENCE PROTEIN POLYMER ACTIVE AGENT CONJUGATES, METHODS AND USES

• CONJUGUES A BASE D'AGENTS ACTIFS ET DE POLYMERES PROTEIQUES A SEQUENCES REPETEEES, LEURS PROCEDES DE FABRICATION ET LEURS APPLICATIONS

(71) DOW CORNING CORPORATION [US/US]; 220 West Salzburg Road, Midland, MI 48686-0994 (US). GENECOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, California 94304-1013 (US).

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(72, 75) COLLIER, Katherine, D. [US/US]; 915 Wilmington Way, Redwood City, CA 94062 (US). CUEVAS, William, A. [US/US]; 351 Hale Street, San Francisco, CA 94134 (US). KUMAR, Manoj [US/US]; 34256 Tupelo Street, Fremont, CA 94555 (US).

(74) KILLWORTH, Richard, A.; Dinsmore & Shohl LLP, One South Main Street - Suite 1300, One Dayton Centre, 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 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 C07K

(11) WO 2004/104021 (13) A2

(21) PCT/US2004/015318

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,465 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROLLED RELEASE OF ACTIVE AGENTS UTILIZING REPEAT SEQUENCE PROTEIN POLYMERS

• LIBERATION CONTROLEE D'AGENTS ACTIFS A L'AIDE DE POLYMERES PROTEIQUES A SEQUENCES REPETEEES

(71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US). GENECOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304-1013 (US).

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

(71) CHRISTIANO, Steven, Patrick [US/US]; 4510 Wild Pine Court, Midland, MI 48642 (US).

(only for / seulement pour US)

(72, 75) KUMAR, Manoj [US/US]; 34256 Tupelo Street, Fremont, CA 94555 (US). MAZEAUD, Isabelle [FR/FR]; 6 Rue des Scieurs, Apartement 31, F-86100 Chatellerault (FR).

(74) KILLWORTH, Richard, A. et al. / etc.; Dinsmore & Shohl LLP, One Dayton Centre, One South Main Street - Suite 1300, 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 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 C07K

(11) WO 2004/104022 (13) A2

(21) PCT/US2004/015440

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,003 16 May/mai 2003 US
(16.05.2003)(30) 60/480,982 23 Jun/juin 2003 US
(23.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITIONS COMPRISING PATHOGEN ELICITED EPITHELIAL CHEMOATTRACTANT (EICOSANOID HEPOXILIN A3), INHIBITORS THEREOF AND METHODS OF USE THEREOF

• COMPOSITIONS CONTENANT UN FACTEUR CHIMIO-TACTIQUE EPITHELIAL PATHOGENE (EICOSANOIDE ET HEPOXILINE A3), LEURS INHIBITEURS ET LEURS PROCEDES D'UTILISATION

(71) THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

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

(72, 75) MCCORMICK, Beth, A. [US/US]; Mucosal Immunology Lab, Dept. Pediatric GI, Massachusetts General Hospital, 55 Fruit Street, WEL -224, Boston, MA (US). MRSNY, Randall [GB/GB]; Weslh School of Pharmacy, Cardiff University, Cardiff (GB). MADARA, James, L. [US/US]; Pritzker School of Medicine, The University of Chicago, Chicago, IL (US).

(74) KOWALSKI, Thomas et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07K 1/04

(11) WO 2004/104023 (13) A2

(21) PCT/EP2004/005568

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/472,724 23 May/mai 2003 US
(23.05.2003)(30) 03017839.6 5 Aug/août 2003 EP
(05.08.2003)(30) 04006195.4 16 Mar/mar 2004 EP
(16.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYNTHESIS OF PEPTIDES

• SYNTHÈSE DE PEPTIDES

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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 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 C07K 1/14, G01N 30/60, B01D 15/08(11) **WO 2004/104024** (13) A2

(21) PCT/US2004/015064

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/470,309 **14 May/mai 2003 (14.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROTEIN TREATMENT PROCESS

• PROCÉDE DE TRAITEMENT D'UNE PROTEÏNE

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (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 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 C07K 1/16(11) **WO 2004/104025** (13) A1

(21) PCT/EP2004/005401

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 03101458.2 **21 May/mai 2003 (21.05.2003)** EP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF CHROMATOGRAPHIC ANALYSIS OF A PROTEIN SOLUTION

• METHODE D'ANALYSE CHROMATOGRAPHIQUE D'UNE SOLUTION DE PROTEÏNES

(71) **ARES TRADING S.A.** [CH/CH]; Zone Industrielle de l'Ouriettaz, CH-1170 Aubonne (CH).
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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 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 C07K 5/00, C12N 15/00, 1/21, G01N 33/00(11) **WO 2004/104026** (13) A1

(21) PCT/EP2004/005316

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 60/472,131 **21 May/mai 2003 (21.05.2003)** US(30) 03011498.7 **21 May/mai 2003 (21.05.2003)** EP(30) 04006900.7 **23 Mar/mar 2004 (23.03.2004)** EP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PEPTIDE COMPLEX

• COMPLEXE PEPTIDIQUE

(71) **BIOTECH TOOLS S.A.** [BE/BE]; Rue de Ransbeek 230 Bloc 5, B-1120 Bruxelles (BE).
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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 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 C07K 5/083, 14/415, A61K 38/06, A61P 9/12, A23L 1/305(11) **WO 2004/104027** (13) A1

(21) PCT/JP2004/006527

(22) **14 May/mai 2004 (14.05.2004)**

(25) ja (26) ja

(30) 2003-144045 **21 May/mai 2003 (21.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITION CONTAINING ANGIOTENSIN CONVERTING ENZYME INHIBITORY PEPTIDE

• COMPOSITION RENFERMANT UN PEPTIDE QUI INHIBE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE

(71) **FUJI OIL COMPANY, LIMITED** [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi Osaka, 5420086 (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 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 C07K 7/04, 7/06, 7/08, A61K 38/10, A61P
25/00

(11) WO 2004/104028 (13) A1

(21) PCT/GB2004/002163

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311576.3 20 May/mai 2003 GB
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

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(74) POWELL, Williams et al. / etc.; Morley
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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).

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(51)⁷ C07K 7/06, 7/08, 14/47

(11) WO 2004/104029 (13) A1

(21) PCT/CA2004/000774

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 10/444,070 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPHERON COMPONENTS USEFUL IN
DETERMINING COMPOUNDS CAPA-
BLE OF TREATING SYMPTOMS OF
ALZHEIMER'S DISEASE

• CONSTITUANTS DE SPHERONS
UTILES POUR IDENTIFIER DES COM-
POSES PERMETTANT DE TRAITER
DES SYMPTÔMES DE LA MALADIE
D'ALZHEIMER

(63) US 10/444,070 (CIP)
23 May/mai 2003 (23.05.2003)

(71) NYMOX PHARMACEUTICAL CORPO-
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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).

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(51)⁷ C07K 7/08

(11) WO 2004/104030 (13) A2

(21) PCT/FR2004/001233

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06023 20 May/mai 2003 FR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PEPTIDES MODULATING THE AC-
TIVITY OF THE ENGRAILED TRAN-
SCRIPTION FACTOR

• PEPTIDES MODULATEURS DE
L'ACTIVITÉ DU FACTEUR DE TRANS-
SCRIPTION ENGRAILED

(71) CENTRE NATIONAL DE LA
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(72, 75) PROCHIANTZ, Alain [FR/FR]; 8, rue
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(74) VIALLE-PRESLES, Marie-José et
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Saint-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 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 C07K 14/005

(11) WO 2004/104031 (13) A2

(21) PCT/EP2004/005563

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311565.6 20 May/mai 2003 GB
(20.05.2003)

(30) 0319514.6 20 Aug/août 2003 GB
(20.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODIFIED ANTIVIRAL PEPTIDES
WITH INCREASED ACTIVITY AND
CELL MEMBRANE AFFINITY

• PEPTIDES ANTIVIRAUX MODIFIÉS
A ACTIVITÉ ET A AFFINITÉ POUR
MEMBRANE CELLULAIRE AMÉLIO-
RÉES

(71) CELLPEP SA [FR/FR]; 16 Rue de la
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les États désignés sauf US)

(72, 75) DE ROUGE, Bonabes, Olivier
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(74) SERJEANTS; 25 The Crescent, King Street,
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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 C07K 14/155

(11) WO 2004/104032 (13) A2

(21) PCT/US2004/014897

(22) 13 May/mai 2004 (13.05.2004)

- (25) en (26) en
- (30) 60/470,326 **14 May/mai 2003** US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHODS AND COMPOSITIONS RELATED TO HIGH-TITER PSEUDO-TYPED RETROVIRUSES
- PROCEDES ET COMPOSITIONS ASSOCIES A DES RETROVIRUS PSEUDOTYPES A TITRE ELEVE
- (71) THE UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; 100 Oakdale Campus #214 TIC, Iowa City, IA 55242-5000 (US).
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- (74) HIGHLANDER, Steven, L.; Fulbright & Jaworski LLP, Suite 2400, 600 Congress Avenue, 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 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 C07K 14/16
- (11) WO 2004/104033 (13) A2
- (21) PCT/NL2004/000349
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 03076521.8 **20 May/mai 2003** EP
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • VIRUSES DEPENDENT ON INDUCING AGENTS FOR VIRAL ENTRY INTO A HOST CELL
- VIRUS DEPENDANT D'AGENTS D'INDUCTION POUR ENTREE VIRALE DANS UNE CELLULE HOTE
- (71) ACADEMISCH MEDISCH CENTRUM [NL/NL]; Meibergdreef 9, NL-1105 AZ Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERKHOUT, Benjamin [NL/NL]; Graaf Janlaan 18, NL-1412 GH Naarden (NL). BALDWIN, Christopher, Eric [AU/NL]; Mr. P.N. Artzeniusweg 12-2, NL-1098 GP Amsterdam (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 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 C07K 14/195, C12N 9/88
- (11) WO 2004/104034 (13) A1
- (21) PCT/JP2004/007432
- (22) 24 May/mai 2004 (24.05.2004)
- (25) ja (26) ja
- (30) 60/472,689 **22 May/mai 2003** US
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CHONDROITIN AC LYASE CRYSTAL
- CRISTAL DE CHONDROITINE AC LYASE
- (71) SEIKAGAKU CORPORATION [JP/JP]; 1-5, Nihonbashi-Honcho, 2-chome, Chuo-ku, Tokyo 1030023 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUNIN, Vladimir, V. [CA/CA]; c/o Macromolecular Structure Group Biotechnology Research Institute National Research Council of Canada, 6100 Royalmount Ave., Montreal, Quebec HP4P2R2 (CA). CYGLER, Mirosław [CA/CA]; c/o Macromolecular Structure Group Biotechnology Research Institute National Research Council of Canada, 6100 Royalmount Ave., Montreal, Quebec HP4P2R2 (CA).
- (74) TADA, Kimiko et al. / etc.; Gloria Building 9F 6-15, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07K 14/415, C12N 15/82
- (11) WO 2004/104035 (13) A1
- (21) PCT/FI2004/000324
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 20030792 **26 May/mai 2003** FI
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • REGULATION OF GROWTH IN PLANTS
- REGULATION DE LA CROISSANCE DE PLANTES
- (71, 72) PALVA, Tapio [FI/FI]; Jokikatu 53, FI-06100 Porvoo (FI). AALTO, Markku [FI/FI]; Kappalaisentie 115, FI-04130 Sipoo (FI). HEINO, Pekka [FI/FI]; Terhotie 18 B 3, FI-00780 Helsinki (FI). LAINE, Janne [FI/FI]; Hirvihaarantie 414, FI-04680 Mäntsälä (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 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).
- Published / Publiée : (c)
- (51)⁷ C07K 14/415, A23J 3/16, 3/34, A23L 1/30, 1/305, A61K 38/01, A61P 3/02, C07K 1/00, C12P 21/06
- (11) WO 2004/104036 (13) A1
- (21) PCT/JP2004/006531
- (22) 14 May/mai 2004 (14.05.2004)
- (25) ja (26) ja
- (30) 2003-144043 **21 May/mai 2003** JP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR PRODUCING SOYEBAN WHEY PROTEIN AND DIGESTED SOYBEAN WHEY PROTEIN
- PROCESSUS DE PRODUCTION DE PROTEINE DE LACTOSERUM/SOJA ET PROTEINE DE LACTOSERUM/SOJA ELABOREE
- (71) FUJI OIL COMPANY, LIMITED [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi Osaka, 5420086 (JP).
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- (72, 75) SAMOTO, Masahiko [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun Ibaraki, 3002436 (JP). KUGIMIYA, Wataru [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun Ibaraki, 3002436 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07K 14/47, C12Q 1/37

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(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03011807.9 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR SCREENING INHIBITORS OF THE GAMMA-SEC-RETASE

• PROCÉDE DE CRIBLAGE D'INHIBITEURS DE LA GAMMA-SE-RETASE

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brünigstrasse 50, 65929 Frankfurt (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 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 C07K 14/47, G01N 33/50

(11) WO 2004/104038 (13) A1

(21) PCT/JP2003/011059

(22) 29 Aug/août 2003 (29.08.2003)

(25) ja (26) ja

(30) 2003-140985 19 May/mai 2003 JP (19.05.2003)

(30) 2003-148514 27 May/mai 2003 JP (27.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROL OF THE INTRACELLULAR LOCALIZATION OF IP3 RECEPTOR

• COMMANDE DE LA LOCALISATION INTRACELLULAIRE DU RECEPTEUR IP-3

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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(81) CA US.

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(51)⁷ C07K 14/47

(11) WO 2004/104039 (13) A2

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(22) 15 May/mai 2004 (15.05.2004)

(25) en (26) en

(30) 60/471,119 16 May/mai 2003 US (16.05.2003)

(30) 60/471,193 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TUMOR ANTIGENS FOR PREVENTION AND/OR TREATMENT OF CANCER

• ANTIGENES TUMORAUX DESTINES A LA PREVENTION ET/OU AU TRAITEMENT DU CANCER

(71) AVENTIS PASTEUR, INC. [US/US]; Discovery Drive, Swiftwater, PA 18370 (US). (for all designated States except / pour tous les États désignés sauf US)

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(74) HALLORAN, Patrick, J.; Aventis Pasteur, Discovery Drive, Knerr Building, Swiftwater, PA 18370 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07K 14/525, C12N 15/00, 1/00, C07K 16/18, A61K 38/19, 48/00, A01K 67/00, G01N 33/50

(11) WO 2004/104040 (13) A1

(21) PCT/GB2003/002179

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TNF-LIKE SECRETED PROTEIN

• PROTEINE SECRETEE ASSIMILEE AU FACTEUR DE NECROSE TUMORALE

(71) ARES TRADING S.A. [CH/CH]; Chateau de Vaumarcus, CH-2028 Vaumarcus (CH).

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(72, 75) FITZGERALD, Stephen, Noel [IE/GB]; Inpharmatica Limited, 60 Charlotte Street, London W1T 2NU (GB). FAGAN, Richard, Joseph [US/GB]; Inpharmatica Limited, 60 Charlotte Street, London W1T 2NU (GB). PHELPS, Christopher, Benjamin [GB/GB]; Inpharmatica Limited, 60 Charlotte Street, London W1T 2NU (GB). POWER, Christine [GB/FR]; 10, rue des Jonquilles, F-01710 Thoiry (FR). IBBERTSON, Mark [GB/CH]; Chemin Planet 4, CH-1188 Gimel (CH). YORKE, Melanie [GB/CH]; 20a Chemin de Vuillon-nex, CH-1232 Confignon (CH).

(74) GOODFELLOW, Hugh, Robin et al. / etc.; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

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

(51)⁷ C07K 14/705, 14/72, G01N 33/68, 33/566

(11) WO 2004/104041 (13) A1

(21) PCT/GB2004/002150

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

- (30) 60/472,025 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MATERIALS AND METHODS RELATING TO G-PROTEIN COUPLED RECEPTOR OLIGOMERS

• SUBSTANCES ET METHODES ASSOCIEES AUX OLIGOMERES DES RECEPTEURS COUPLES A UNE PROTEINE G

(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).
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(72, 75) MILLIGAN, Graeme [GB/GB]; Davidson Building, University of Glasgow, University Avenue, Glasgow G12 8QQ (GB). BEHAN, Dominic [US/US]; Arena Pharmaceuticals, 6166 Nancy Ridge Drive, San Diego, CA 92121 (US).

(74) FORREST, Graham et al. / etc.; Mewburn Ellis LLP, 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 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 C07K 14/78, 19/00, B82B 1/00, 3/00

(11) WO 2004/104043 (13) A1

(21) PCT/AU2004/000683

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902483 21 May/mai 2003 AU
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SYNTHETIC BIOELASTOMER

• BIOELASTOMERE SYNTHETIQUE

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).
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(72, 75) ELVIN, Christopher Malcolm [AU/AU]; 306 Carmody Road, St Lucia, Queensland 4067 (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 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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(11) WO 2004/104042 (13) A1

(21) PCT/AU2004/000682

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902474 21 May/mai 2003 AU
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BIOELASTOMER

• BIOELASTOMERE

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).
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(72, 75) ELVIN, Christopher, Malcolm [AU/AU]; 306 Carmody Road, St Lucia, Queensland 4067 (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 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 C07K 16/12

(11) WO 2004/104044 (13) A1

(21) PCT/JP2004/006827

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-146253 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PRODUCING ANTIBODY

• PROCEDURE DE PRODUCTION D'UN ANTICORPS

(71) HAMAMATSU RESEARCH FOUNDATION FOR SCIENCE AND TECHNOLOGY PROMOTION [JP/JP]; c/o Hamamatsu Campus, Shizuoka University, 3-5-1, Johoku, Hamamatsu-shi, Shizuoka, 4328011 (JP).
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(72, 75) IMAI, Yasuyuki [JP/JP]; c/o University of Shizuoka, 52-1, Yada, Shizuoka-shi, Shizuoka, 4228526 (JP). KUROHANE, Koha [JP/JP]; c/o University of Shizuoka, 52-1, Yada, Shizuoka-shi, Shizuoka, 4228526 (JP).

(74) ASAHINA, Sohta; NS Building, 2-22, Tarimachi 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C07K 16/28, A61K 39/395, A61P 37/02, A01K 67/027, C12N 15/13, 15/85, A61K 48/00

(11) WO 2004/104045 (13) A1

(21) PCT/NL2003/000385

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERAPEUTICAL USE OF ANTI-CD70 ANTIBODY FOR TREATING OR PREVENTING AIDS

• UTILISATION THERAPEUTIQUE DE L'ANTICORPS ANTI-CD70 POUR LE TRAITEMENT OU LA PREVENTION DU SIDA

(71) STICHTING SANQUIN BLOEDVOORZIENING [NL/NL]; Plesmanlaan 125, NL-1066 CX Amsterdam (NL).
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(72, 75) VAN OERS, Marinus, Hendricus, Jozef [NL/NL]; Nassaupark 5, NL-1405 HN Bussum (NL). VAN LIER, Rene, Antonius, Wilhelmus [NL/NL]; Goudlijster 5, NL-1423 RR Uithoorn (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) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

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

(51)⁷ C07K 16/30, 16/00, C12N 5/10, 5/06

(11) WO 2004/104046 (13) A1

(21) PCT/EP2004/050844

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) PCT/EP03/50194 23 May/mai 2003 EP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRODUCTION OF RECOMBINANT IGM IN PER.C6 CELLS

• PRODUCTION D'UNE IGM RECOMBINANTE DANS DES CELLULES PER.C6

(71) CRUCCELL HOLLAND B.V. [NL/NL]; Archimedesweg 4, NL-2333 CN Leiden (NL).

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(72, 75) JONES, David, Halford, Ashton [GB/GB]; 176 Sellincourt Road, Tooting, London SW17 9SB (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 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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(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 VN YU ZA ZM ZW 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)

(u) for / pour US only / seulement

(51)⁷ C07K 19/00, A61K 39/36, C07K 14/415, A61P 37/08, C12N 15/62, 5/10

(11) WO 2004/104047 (13) A1

(21) PCT/IT2004/000284

(22) 19 May/mai 2004 (19.05.2004)

(25) it (26) en

(30) RM2003A000247 20 May/mai 2003 IT (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYPOALLERGENIC VARIANTS OF THE PARIETARIA JUDAICA MAJOR ALLERGENS, USES THEREOF AND COMPOSITIONS COMPRISING THEM

• VARIANTS HYPOALLERGENIQUES DES ALLERGENES PRINCIPAUX DE PARIETARIA JUDAICA, UTILISATIONS DE CEUX-CI ET COMPOSITIONS LES COMPRENANT

(71, 72) COSTA, Maria, Assunta [IT/IT]; c/o Istituto di Biomedicina e di Immunologia Mole, colore del CNR, Via Ugo La Malfa, 153, I-90146 Palermo (IT). GERACI, Domenico [IT/IT]; c/o Istituto di Biomedicina e di Immunologia Mole, colore del CNR, Via Ugo La Malfa, 153, I-90146 Palermo (IT). COLOMBO, Paolo [IT/IT]; c/o Istituto di Biomedicina e di Immunologia Mole, colore del CNR, Via Ugo La Malfa, 153, I-90146 Palermo (IT). PASSANTINO, Rosa [IT/IT]; c/o Istituto di Biomedicina e di Immunologia Mole, colore del CNR, Via Ugo La Malfa, 153, I-90146 Palermo (IT). BONURA, Angela [IT/IT]; c/o Istituto di Biomedicina e di Immunologia Mole, colore del CNR, Via Ugo La Malfa, 153, I-90146 Palermo (IT).

(74) CAPASSO, Olga et al. / etc.; De Simone & Partners S.p.A., Via V. Bellini, 20, I-00198 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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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(25) en (26) en

(30) 20030769 21 May/mai 2003 FI (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PROCESS FOR THE PREPARATION OF HYDROXY POLYMER ESTERS AND THEIR USE

• PROCEDE DE PREPARATION D'ESTERS DE POLYMERES HYDROXY ET LEUR UTILISATION

(71) RAISIO CHEMICALS LTD [FI/FI]; Raisio Kaari 60, FI-21200 Raisio (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAINE, Aki [FI/FI]; Tornitaso 7 A 47, FI-02120 Espoo (FI). KÄKI, Jouko [FI/FI]; Keskitonkatu 28, FI-20300 Turku (FI).

LUTTIKHEDDE, Hendrik, Jan, Gerit [NL/FI]; Intolantie 9, FI-21260 Raisio (FI). NURMI, Kari [FI/FI]; Valopolku 1, FI-21200 Raisio (FI). NYMAN, Tomi [FI/FI]; Vuoritie 14 C, FI-01390 Vantaa (FI). YLI-KAUHALUOMA, Jari [FI/FI]; Nuppukuja 3 A 11, FI-00710 Helsinki (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 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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(25) en (26) en

(30) 20030769 21 May/mai 2003 FI (21.05.2003)

(30) 20031157 15 Aug/août 2003 FI (15.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PROCESS FOR THE PREPARATION OF CARNITINE ESTERS AND THEIR USE

• PROCEDE DE PREPARATION D'ESTERS DE CARNITINE ET LEUR UTILISATION

(71) RAISIO CHEMICALS LTD [FI/FI]; Raisio Kaari 60, FI-21200 Raisio (FI).

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(72, 75) LAINE, Aki [FI/FI]; Tornitaso 7 A 47, FI-02120 Espoo (FI). KOSKIMIES, Salme [FI/FI]; Hämeenapajantie 7, FI-00850 Helsinki (FI). KÄKI, Jouko [FI/FI]; Keskitonkatu 28, FI-20300 Turku (FI). LUTTIKHEDDE, Hendrik, Jan, Gerit [NL/FI]; Intolantie 9, FI-21260 Raisio (FI). NURMI, Kari [FI/FI]; Valopolku 1, FI-21200 Raisio (FI). YLI-KAUHALUOMA, Jari [FI/FI]; Nuppukuja 3 A 11, FI-00710 Helsinki (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 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 C08F 2/40, C09K 15/08, 15/18, 15/28, 15/32, C09D 201/00, B05D 7/16
- (11) WO 2004/104050 (13) A1
- (21) PCT/EP2004/004960
- (22) 10 May/mai 2004 (10.05.2004)
- (25) de (26) de
- (30) 103 23 373.3 21 May/mai 2003 DE (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR THE PRODUCTION, TREATMENT AND FURTHER PROCESSING OF POLYMERISABLE COMPOUNDS
- PROCEDE DE FABRICATION, DE TRAITEMENT ET DE FINISSAGE DE COMPOSES POLYMERISABLES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
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- (72, 75) SCHRÖDER, Jürgen [DE/DE]; Niedererdstrasse 20, 67071 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 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 C08F 2/46, 218/00, 220/00, C08K 5/07, C09D 167/06, 133/00, C07D 335/16, C07C 323/22
- (11) WO 2004/104051 (13) A1
- (21) PCT/EP2004/050817
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 03405375.1 26 May/mai 2003 EP (26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • BIMOLECULAR PHOTOINITIATOR SYSTEMS
- SYSTEMES PHOTO-INITIATEURS BIMOLECULAIRES
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
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- (72, 75) BIRBAUM, Jean-Luc [CH/CH]; Bruderholzstrasse 17, CH-4102 Binningen (CH). DIETLIKER, Kurt [CH/CH];

- Baselmattweg 132, CH-4123 Allschwil (CH). FREIERMUTH, Beat [CH/FR]; 14, rue du Vignoble, F-68220 Buschwiller (FR). KUNZ, Martin [DE/DE]; Baslerstrasse 13/5, 79588 Efringen-Kirchen (DE). OKA, Hidetaka [JP/JP]; 34-5, Suenari-cho, Takarazuka-shi, Hyogo 665-0044 (JP). WOLF, Jean-Pierre [CH/CH]; Chilmweg 6, CH-4464 Maisprach (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 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 C08F 4/68, 4/69, 4/642, 10/00, C07F 7/28, 11/00
- (11) WO 2004/104052 (13) A1
- (21) PCT/EP2004/005373
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 103 23 276.1 21 May/mai 2003 DE (21.05.2003)
- (30) 60/487,680 16 Jul/juillet 2003 US (16.07.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • TRANSITION-METAL COMPLEXES WITH TRIDENTATE, NITROGEN-CONTAINING LIGANDS
- COMPLEXES METALLIQUES DE TRANSITION COMPRENANT DES LIGANDS TRIDENTATES CONTENANT DE L'AZOTE
- (71) BASSELL POLYOLEFINE GMBH [DE/DE]; Brühler Strasse 60, 50389 Wesseling (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIHAN, Shahram [IR/DE]; Rossinistrasse 12, 67061 Ludwigshafen (DE). ENDERS, Markus [DE/DE]; Walhoferstrasse 52, 69123 Heidelberg (DE). FRITZ, Olaf [DE/DE]; Klingenstrasse 57, 69434 Hirschhorn (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 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 C08F 8/06, C08C 19/04
- (11) WO 2004/104053 (13) A1
- (21) PCT/RU2004/000186
- (22) 17 May/mai 2004 (17.05.2004)
- (25) ru (26) ru
- (30) 2003115338 23 May/mai 2003 RU (23.05.2003)
- (30) 2003115339 23 May/mai 2003 RU (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR INTRODUCING CARBONYL GROUPS INTO POLYMERS CONTAINING DOUBLE CARBON-CARBON LINKAGES
- PROCEDE D'INTRODUCTION DE GROUPE CARBONYLES DANS DES POLYMERES CONTENANT DES LIAISONS DOUBLES CARBONE-CARBONE
- (71) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSIISKOI AKADEMII NAUK [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).
- (72, 75) DUBKOV, Constantin Alexandrovich [RU/RU]; ul. Ivanova, 30a-40, Novosibirsk, 630117 (RU). SEMIKOLENOV, Sergey Vladimirovich [RU/RU]; ul. Vyazemskaya, 2-11, Novosibirsk, 630128 (RU). ZAKHAROV, Vladimir Alexandrovich [RU/RU]; ul. Zolotodolinskaya, 31/1-11, Novosibirsk, 630090 (RU). PARMON, Valentin Nikolaevich [RU/RU]; ul. Vovodskogo, 1-1, Novosibirsk, 630090 (RU). ECHEVSKAYA, Ludmila Gennadyevna [RU/RU]; ul. Ivanova, 27-199, Novosibirsk, 630117 (RU). STAROKON, Evgeny Vladimirovich [RU/RU]; ul. Kom-somolskaya, 21-2, Berdsk, 633010 (RU). PANOV, Gennady Ivanovich [RU/RU]; ul. Zolotodolinskaya, 31/1-34, Novosibirsk, 630090 (RU).
- (74) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSIISKOI AKADEMII NAUK; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (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 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 C08F 26/00
- (11) WO 2004/104054 (13) A1
- (21) PCT/US2004/014831

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(25) en (26) en

(30) 60/471,519 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLY AND COPOLY (N-VINY-
LAMIDE)S AND THEIR USE IN CAP-
ILLARY ELECTROPHORESIS• POLY ET COPOLY (<I>N</I>-VINY-
LAMIDE)S ET LEUR UTILISATION
DANS UNE ELECTROPHORESE CA-
PILLAIRE(71) APPLERA CORPORATION [US/US];
850 Lincoln Centre Drive, Foster City, CA
94404 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LAU, Aldrich, N., K. [US/US]; 1941
Middlefield Road, Palo Alto, CA 94301 (US).(74) PATHAK, Rahul 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 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 C08F 210/02, 4/645, B65D 1/00, F16L
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(11) WO 2004/104055 (13) A1

(21) PCT/JP2004/007124

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-141246 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ETHYLENE POLYMER

• POLYMERE ETHYLENIQUE

(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) MATSUURA, Sadahiko [JP/JP]; c/o
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Sodegaura-shi, Chiba 299-0265 (JP). MAT-
SUKAWA, Naoto [JP/JP]; c/o Mitsui Chemi-
cals, Inc., 580-32, Nagaura, Sodegaura-shi,
Chiba 299-0265 (JP). MITANI, Makoto
[JP/JP]; c/o Mitsui Chemicals, Inc., 580-32,
Nagaura, Sodegaura-shi, Chiba 299-0265
(JP). SAITO, Junji [JP/JP]; c/o Mitsui
Chemicals, Inc., 580-32, Nagaura, Sode-
gaura-shi, Chiba 299-0265 (JP). FUJITA,
Terunori [JP/JP]; c/o Mitsui Chemicals,
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gaura, Sodegaura-shi, Chiba 299-0265 (JP).
ENDO, Koji [JP/JP]; c/o Mitsui Chemi-
cals, Inc., 580-32, Nagaura, Sodegaura-shi,
Chiba 299-0265 (JP). IWAMASA, Kenji
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gusa-kaigan, Ichihara-shi, Chiba 299-0108
(JP). TAKAHASHI, Keiko [JP/JP]; c/o
Mitsui Chemicals, Inc., 3, Chigusa-kaigan,
Ichihara-shi, Chiba 299-0108 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C08F 214/26, H01B 13/14

(11) WO 2004/104056 (13) A1

(21) PCT/US2004/014949

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,310 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXTRUSION PROCESS AND PROD-
UCT• PROCEDE ET PRODUIT
D'EXTRUSION(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) DEFEO, Patrick, Anthony [US/US];
135 Rose Ann Lane, West Grove, Penn-
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ington, DE 19807 (US). MCKEE, Niall,
D. [US/US]; 34 Rossiter Circle, Newark,
Delaware 19702 (US). VENKATARAMAN,
Sundar, Klinagar [US/US]; 1303 55th
Street, Vienna, West Virginia 26105 (US).(74) TOCKER, Edwin; E. I. DU PONT DE
NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster 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 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 LUMC NL PL PT RO SE SI SK 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 214/26

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(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,308 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH MELT FLOW FLUOROPOLY-
MER• FLUOROPOLYMERE A POINT DE FU-
SION ELEVE(71) E.I. DUPONT DE NEMOURS AND
COMPANY [US/US]; 1007 MARKET
STREET, WILMINGTON, Delaware 19898
(US).(for all designated States except / pour tous
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[US/US]; 3908 Heather Drive, Greenville,
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A. [CH/CH]; 7 Chemin Du Mont-Rond,
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Delaware 19702 (US). TOOLEY, Patricia,
A. [US/US]; 1742 Forest Hills Drive, Vienna,
West Virginia 26105 (US).(74) TOCKER, Edwin; E. I. DU PONT DE
NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster 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 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 C08F 220/20, 220/24, G02B 6/00

(11) WO 2004/104058 (13) A1

(21) PCT/JP2004/006826

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-146801 23 May/mai 2003 JP
(23.05.2003)(30) 2003-365073 24 Oct/oct 2003 JP
(24.10.2003)(30) 2004-029396 5 Feb/fév 2004 JP
(05.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEAT-RESISTANT, FLUORINE-CON-
TAINING OPTICAL MATERIAL AND

OPTICAL TRANSMISSION MEDIUM
USING SAME

- MATIERE OPTIQUE THERMORESISTANTE CONTENANT DU FLUOR ET SUPPORT DE TRANSMISSION OPTIQUE UTILISANT CETTE MATIERE

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-Nishi 2-chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).

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(72, 75) **TANAKA, Yoshito** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka, 5668585 (JP). **ARAKI, Takayuki** [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 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 **C08F 220/20, G02B 1/04, 6/12**

(11) **WO 2004/104059** (13) A1

(21) PCT/JP2004/007405

(22) **24 May/mai 2004 (24.05.2004)**

(25) ja (26) ja

(30) 2003-147809 **26 May/mai 2003 JP (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CURING RESIN COMPOSITION, OPTICAL COMPONENT AND OPTICAL WAVEGUIDE

- COMPOSITION DE RESINE DE DURCISSEMENT, COMPOSANT OPTIQUE ET GUIDE D'ONDE OPTIQUE

(71) **OMRON Corporation** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori., Shimogyo-ku, Kyoto-shi., Kyoto 6008530 (JP).

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

(72, 75) **KITAMURA, Kyoji** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru., Shiokoji-dori, Shimogyo-ku., Kyoto 6008530 (JP). **ITO, Mitsuo** [JP/JP]; c/o OMRON Corporation, Minamifudodo-cho, Horikawahigashiiru., Shiokoji-dori, Shimogyo-ku., Kyoto 6008530 (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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **C08F 251/02, 271/00**

(11) **WO 2004/104060** (13) A2

(21) PCT/US2004/013831

(22) **4 May/mai 2004 (04.05.2004)**

(25) en (26) en

(30) 10/441,383 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CORE-SHELL NITRO-RESIN PARTICLES AND METHOD OF PREPARATION

- PARTICULES DE NITRORESINE A NOYAU ET ENVELOPPE ET LEUR PROCEDE DE PREPARATION

(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) **LEON, Jeffrey** [US/US]; 123 French Road, Rochester, NY 14618 (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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ **C08F 255/02, 36/18, 2/22, C09J 151/00**

(11) **WO 2004/104061** (13) A1

(21) PCT/JP2004/007298

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-142946 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING POLYCHLOROPRENE LATEX AND COMPOSITION

- METHODE DE PRODUCTION DE LATEX DE POLYCHLOROPRENE ET COMPOSITION

(71) **DENKI KAGAKU KOGYO KABUSHIKI KAISHA** [JP/JP]; 4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 1008455 (JP).

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(72, 75) **WATANABE, Kosuke** [JP/JP]; c/o Denki Kagaku Kogyo, Kabushiki Kaisha Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 9490393 (JP). **OSE, Motohiro** [JP/JP]; c/o Denki Kagaku Kogyo, Kabushiki Kaisha Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 9490393 (JP).

(74) **SENNMYO, 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 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 **C08G**

(11) **WO 2004/104062** (13) A2

(21) PCT/US2004/013621

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 10/438,244 **14 May/mai 2003 US (14.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCTION OF LACTIC ACID

- PROCEDE DE PRODUCTION D'ACIDE LACTIQUE

(71) **WESSEX INCORPORATED** [US/US]; 201 Church Street, Suite D, Blacksburg, VA 24060 (US).

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(71, 72) **AGBLEVOR, Foster, A.** [US/US]; 165 Hunter's Ridge Lane, Christiansburg, VA

24073 (US). EVANS, Timothy, G. [US/US]; 570 Mason Street #3, Harrisonburg, VA 22801 (US).

(74) **HOLROYD, Mary-Jacq**; Johnston, Holroyd & Associates, 1438 Main Street, Princeton, WV 24740 (US).

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

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 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)

(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 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 C08G

(11) WO 2004/104063 (13) A2

(21) PCT/US2004/015148

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,810 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WATER CURABLE POLYURETHANE COMPOSITIONS WITH IMPROVED VISCOSITY CHARACTERISTICS

• COMPOSITIONS DE POLYURETHANES DURCISSABLES DANS L'EAU PRESENTANT DES CARACTERISTIQUES DE VISCOSITE AMELIOREES

(71, 72) GUPTA, Laxmi, C. [US/US]; 2852 Mainway Drive, Los Alamitos, CA 90720 (US).

(74) PARINS, Paul, J. et al. / etc.; KAGAN BINDER, PLLC, 200 Maple Island Building,

221 Main Street North, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C08G 18/08, 18/40

(11) WO 2004/104064 (13) A2

(21) PCT/US2004/014790

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 0311121.8 15 May/mai 2003 GB (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLYURETHANE DISPERSANTS

• DISPERSANTS DE POLYURETHANNE

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Blvd., Wickliffe, OH 44029-2298 (US).
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(72, 75) RICHARDS, Stuart, Nicholas [GB/GB]; P.O. Box 42, Hexagon House, Blackley Greater Manchester M9 8ZS (GB).
SHOOTER, Andrew, James [GB/GB]; P.O. Box 42, Hexagon House, Blackley Greater Manchester M9 8ZS (GB).

(74) LAFERTY, SAMUEL, B. et al. / etc.; The Lubrizol Corporation, Patent Dept./Mail Drop 022B, 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C08G 18/78, 18/80, 18/79, C09D 175/00

(11) WO 2004/104065 (13) A1

(21) PCT/EP2004/005072

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 22 911.6 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SOLIDIFICATION-STABLE BLOCKED POLYISOCYANATES

• POLYISOCYANATES BLOQUES RESISTANT AU DURCISSEMENT

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

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

(72, 75) THIEBES, Christoph [DE/DE]; Hansaring 93, 50670 Köln (DE).
RICHTER, Frank [DE/DE]; Heymannstr. 40, 51373 Leverkusen (DE).
HALPAAP, Reinhard [DE/DE]; In der Hildscheid 6, 51519 Odenthal (DE).
BAUMBACH, Beate [DE/DE]; Am Bremsenfeld 11, 51399 Burscheid (DE).
MAGER, Dieter [DE/DE]; Carl-Leverkus-Str. 31a, 51373 Leverkusen (DE).
FÜSSEL, Christian [DE/DE]; Ludwig-Jahn-Str. 49, 47918 Tönisvorst (DE).

(74) BAYER MATERIALSCIENCE 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 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 C08G 59/22, C09D 163/00

(11) WO 2004/104066 (13) A1

(21) PCT/US2004/009942

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/440,974 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PARTICULATE COATING HAVING IMPROVED CHIP RESISTANCE, UV DURABILITY, AND COLOR STABILITY

• REVETEMENTS PARTICULAIRES AMELIORES EN TERMES DE RESISTANCE A L'ECAILLAGE, DE DURABILITE FACE AUX U.V. ET DE STABILITE CHROMATIQUE

(71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

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

(72, 75) DECEMBER, Timothy [US/US]; 546 Parkland, Rochester Hills, MI 48307 (US).
SACHARSKI, Lawrence [US/US]; 24646 Teppert, Eastpointe, MI 48021 (US).
STANTS, Cynthia [US/US]; 6461 Pinckney Road, Pinckney, MI 48169 (US).

(74) SABOURIN, Anne, Gerry et al. / etc.; 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

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

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

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

(51)⁷ C08G 63/16, 63/78

(11) WO 2004/104067 (13) A1

(21) PCT/JP2004/007135

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-142914 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ALIPHATIC POLYESTER AND
PROCESS FOR PRODUCTION
THEREOF
• POLYESTER ALIPHATIQUE ET SON
PROCEDE DE PRODUCTION

(71) MITSUBISHI CHEMICAL CORPO-
RATION [JP/JP]; 33-8, Shiba 5-chome,
Minato-ku, Tokyo 108-0014 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AOSHIMA, Takayuki [JP/JP]; c/o
Mitsubishi Chemical Group, Science and
Technology Research, Center, Inc., 1000,
Kamoshida-cho, Aoba-ku, Yokohama-shi,
Kanagawa 227-8502 (JP). HOSHINO, Toy-
omasa [JP/JP]; c/o Mitsubishi Chemical
Group, Science and Technology Research,
Center, Inc., 1000, Kamoshida-cho, Aoba-ku,
Yokohama-shi, Kanagawa 227-8502 (JP).
UEDA, Tadashi [JP/JP]; c/o Mitsubishi
Chemical Corporation, 1, Toho-cho,
Yokkaichi-shi, Mie 510-8530 (JP). MIKI,
Yasuaki [JP/JP]; c/o Mitsubishi Chemical
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510-8530 (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 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 C08G 65/12

(11) WO 2004/104068 (13) A1

(21) PCT/EP2004/004956

(22) 10 May/mai 2004 (10.05.2004)

(25) de (26) de

(30) 103 23 047.5 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • IMPROVED METHOD FOR THE AN-
IONIC POLYMERISATION OF OXI-
RANES

• PROCEDE AMELIORE DE POLYMERI-
SATION ANIONIQUE D'OXIRANES

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DESBOIS, Philippe [FR/DE]; Im-
mengartenstr. 31a, 67487 Maikammer
(DE). DEFFIEUX, Alain [FR/FR]; 70,
rue Georges Mandel, F-33000 Bordeaux
(FR). CARLOTTI, Stéphane [FR/FR]; 33,
rue Danguilhem, F-33400 Talence (FR).
BILLOUIARD, Cyrille [FR/FR]; 31, Rue
Pauline Kergomard, F-33400 Talence (FR).

(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 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 C08G 69/32, 69/12, 69/28

(11) WO 2004/104069 (13) A1

(21) PCT/US2004/015069

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/439,463 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CONTINUOUS PROCESS FOR THE
PRODUCTION OF POLYAMIDES

• PROCEDE CONTINU DE PRODUC-
TION DE POLYAMIDES

(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) ETCHELLS, Arthur, William, III
[US/US]; 315 South 6th Street, Philadelphia,
PA 19106 (US). MALLON, Frederick, K.
[US/US]; 13714 Winterberry Ridge, Mid-
lothian, VA 23112 (US).

(74) GRIFFITHS, John, E.; E. I. Du Pont de
Nemours and Company, Legal Patent Records

Center, 4417 Lancaster Pike, Wilmington, DE
19805 (US).

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

Published / Publiée : (c)

(51)⁷ C08G 77/42, 77/448, A61B 5/05

(11) WO 2004/104070 (13) A1

(21) PCT/US2004/015991

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/473,015 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PERMSELECTIVE STRUCTURALLY
ROBUST MEMBRANE MATERIAL

• MATIERE DE MEMBRANE STRUCTU-
RELLEMENT ROBUSTE PERMSELEC-
TIVE

(71) THE POLYMER TECHNOLOGY
GROUP [US/US]; 2810 7th Street, Berkeley,
CA 94710 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(74) SIEGEL, Timothy, E.; 1868 Knapps Alley,
Suite 206, West Linn, OR 97068-4644 (US).

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

Published / Publiée : (c)

(51)⁷ C08G 85/00, 61/12, H01G 9/02

(11) WO 2004/104071 (13) A1

(21) PCT/JP2004/006994

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-145347 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR PRODUCING CONDUCTIVE POLYMER

• PROCEDE ET DISPOSITIF DE PRODUCTION DE POLYMERE CONDUCTEUR

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
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(72, 75) YOSHIDA, Tsunenori

(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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C08J

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(25) en (26) en

(30) 60/471,477 17 May/mai 2003 US (17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANUFACTURE OF FULLY RECYCLABLE FOAMED POLYMER FROM RECYCLED MATERIAL

• FABRICATION D'UNE MATIERE POLYMEREE EXPANSEE ENTIEREMENT RECYCLABLE A PARTIR D'UNE MATIERE RECYCLEE

(71) MICROGREEN POLYMERS, INC. [US/US]; 8316 272nd Street N.W., Stanwood, WA 98292 (US).
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(71, 72) BRANCH, Gregory, L. [US/US]; 8316 272nd Street N.W., Stanwood, WA 98292 (US). WARDLE, Trevor [CA/US]; 4905 Robinhood Drive, Ashland, KY 41101 (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).

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ C08J 5/18, B32B 27/32, C08L 23/18, 23/12

(11) WO 2004/104073 (13) A1

(21) PCT/US2004/012410

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/437,484 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH OTR FILMS MADE FROM HOMOPOLYMER POLYPROPYLENE AND 1-BUTENE/ETHYLENE COPOLYMER BLENDS

• FILMS A TAUX DE TRANSMISSION DE L'OXYGENE ELEVE FABRIQUES A PARTIR DE MELANGES DE POLYPROPYLENE HOMOPOLYMER ET DE COPOLYMER DE 1-BUTENE/ETHYLENE

(71) APPLIED EXTRUSION TECHNOLOGIES, INC. [US/US]; 15 Read's Way, New Castle, DE 19720 (US).

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(72, 75) DEMEUSE, Mark [US/US]; 10915 Arvind Oaks Ct., Charlotte, NC 28277 (US).

(74) FAIGUS, Martin; 12th Floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103-2212 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 7/12

(11) WO 2004/104074 (13) A1

(21) PCT/KR2003/001659

(22) 18 Aug/août 2003 (18.08.2003)

(25) ko (26) en

(30) 10-2003-0029393 9 May/mai 2003 KR (09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN IONIZATION METHOD OF SURFACE OF HIGH MOLECULAR MATERIALS

• PROCEDE D'IONISATION DE SURFACE DE MATERIAUX HAUTEMENT MOLECULAIRES

(71, 72) KIM, Eulmun [KR/KR]; 402-4 Kogang-bon-dong, Ojung-gu, Buchun-si, Kyunggi-do 421-804 (KR).

(72, 75) LIM, Deoggu [KR/KR]; 402-4 Kogang-bon-dong, Ojung-gu, Buchun-si, Kyunggi-do 421-802 (KR).

(74) KIM, Iksung; 2floor, Samsong Bldg., 1572-4 Seocho3-dong, Seocho-gu, Seoul 137-894 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 C08J 9/00, 9/14

(11) WO 2004/104075 (13) A1

(21) PCT/EP2004/050828

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101486.3 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH TEMPERATURE RESISTANT, FLEXIBLE, LOW DENSITY POLYPROPYLENE FOAMS

• MOUSSES DE POLYPROPYLENE SOUPLES HAUTE DENSITE RESISTANT AUX TEMPERATURES ELEVEES

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(74) **KIHN, Pierre** et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C08J 9/00, C08L 5/04, A61L 27/56

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(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 10323794.1 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING POROUS MOULDED BODIES CONTAINING ALGINATE

• PROCEDES DE PRODUCTION DE CORPS FAÇONNES POREUX CONTENANT DE L'ALGINATE

(71) **DR. SUWELACK SKIN & HEALTH CARE AG** [DE/DE]; Josef-Suwelack-Str., 48727 Billerbeck (DE).

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(72, 75) **MALESSA, Ralf** [DE/DE]; Fasanenstr. 38, 45134 Essen (DE).

(74) **GILLE HRABAL STRUCK NEIDLEIN PROP ROOS**; Brucknerstr. 20, 40593 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 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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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 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 C08J 9/00, 5/18, G02B 5/08, G09F 13/14, F21V 7/22

(11) WO 2004/104077 (13) A1

(21) PCT/JP2004/007280

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-141435 20 May/mai 2003 JP (20.05.2003)

(30) 2003-163386 9 Jun/juin 2003 JP (09.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ALIPHATIC POLYESTER BASED RESIN REFLECTION FILM AND REFLECTION PLATE

• FILM REFLECHISSANT EN RESINE A BASE DE POLYESTER ALIPHATIQUE ET PLAQUE REFLECHISSANTE

(71) **MITSUBISHI PLASTICS, INC.** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1000005 (JP).

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(74) **OSHIMA, Yumiko** et al. / etc.; PATENTO ATTORNEYS "SHINPO", 1-20-10-203, Takadanob, Shinjuku-ku, Tokyo 1690075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C08J 9/14, C08G 18/10, 18/71

(11) WO 2004/104078 (13) A1

(21) PCT/EP2004/005156

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 206.0 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FOAMING MIXTURES

• MELANGES MOUSSANTS

(71) **CONSORTIUM FÜR ELEKTRO-CHEMISCHE INDUSTRIE GMBH** [DE/DE]; Zielstattstrasse 20, 81379 München (DE).

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(72, 75) **STANJEK, Volker** [DE/DE]; Hofbrunnstrasse 21, 81479 München (DE). **LOTTNER, Willibald** [DE/DE]; Willi-Mauthe-Weg 10, 84489 Weilheim (DE). **WEIDNER, Richard** [DE/DE]; Reiserstrasse 12, 84489 Burghausen (DE). **KNEZEVIC, Christine** [DE/DE]; Ebermayerstrasse 20, 81369 München (DE). **SCHAUER, Felicitas** [DE/DE]; Glonnerstrasse 2A, 85667 Oberpfaffenhofen (DE).

(74) **FRITZ, Helmut** et al. / etc.; Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 Deutschland (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 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 C08K

(11) WO 2004/104079 (13) A2

(21) PCT/US2004/015082

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,911 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TOLUATE ESTERS FOR USE AS REACTIVE AND NON-REACTIVE DILUENT IN POLYMER APPLICATIONS

• ESTERS DE TOLUATE DESTINES A ETRE UTILISES COMME DILUANT REACTIF ET NON REACTIF DANS DES APPLICATIONS POLYMERES

(71) **INVISTA TECHNOLOGIES S.A. R.L.** [LU/CH]; Talstrasse 80, CH-8001 Zurich (CH).

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(72, 75) **McADAMS, Carina, Araullo** [US/US]; 626 Chowning Place, Wilmington, NC 28402 (US).

(74) **CLEMENTS, Gregory, N. et al.** / etc.; Dougherty, Clements & Hofer, 1901 Roxborough Road, Suite 300, Charlotte, NC 28211 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **C08K 3/08, 3/04, 3/02, 3/22, C08G 63/183, 63/20, 63/672, C08K 3/00**

(11) **WO 2004/104080** (13) A1

(21) PCT/US2004/016375

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,309 **21 May/mai 2003 (21.05.2003)** US

(30) 60/559,983 **6 Apr/avr 2004 (06.04.2004)** US

(30) 60/573,024 **20 May/mai 2004 (20.05.2004)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SLOW-CRYSTALLIZING POLYESTER RESINS**

• **RESINES DE POLYESTER A CRISTALLISATION LENTE**

(71) **WELLMAN, INC.** [US/US]; 1040 Broad Street, #302, Shrewsbury, NJ 07702-4318 (US).

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(72, 75) **MOORE, Tony, Clifford** [US/US]; 16308 Fallview Drive, Charlotte, NC 28278 (US). **THOMPSON, David, Eugene** [US/US]; 1800 Malden Drive, Florence, SC 29505 (US). **GRIFFITH, Sharon, Sue** [US/US]; 12101 Shadow Ridge Lane, Charlotte, NC 28273 (US). **NICHOLS, Carl, Steven** [US/US]; 10410 New Town Road, Waxhaw, NC 28173 (US). **HUMELSINE, Billy, Mack** [US/US]; 1017 Berwick Court, Waxhaw, NC 28173 (US). **SCHIVAONE, Robert, Joseph** [US/US]; 221 Sardis Point Road, Marthasville, NC 28105 (US).

(74) **ADDITON, Richard, L. et al.** / etc.; Summa & Allan, P.A., 11610 North Community House Road, Suite 200, Charlotte, NC 28277 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **C08K 5/00, 5/3492, 5/3472, 5/07, 5/098**

(11) **WO 2004/104081** (13) A2

(21) PCT/EP2004/050804

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 03405374.4 **26 May/mai 2003 (26.05.2003)** EP

(30) 03103976.1 **27 Oct/oct 2003 (27.10.2003)** EP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **HIGHLY COMPATIBLE AND NON-MIGRATORY POLYMERIC UV-ABSORBER**

• **ABSORBEUR UV POLYMERE A HAUTE COMPATIBILITE ET NON MIGRATOIRE**

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(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) **CIBA SPECIALTY CHEMICALS S.P.A.** [IT/IT]; Via Pila, 6/3, Fraz. Pontecchio Marconi, I-40037 Sasso Marconi (BO) (IT).

(only for / seulement pour IT)

(72, 75) **LAZZARI, Dario** [IT/IT]; Via Massarenti, 173, I-40138 Bologna (IT). **VITALI, Manuele** [IT/IT]; Via dei sette Leoncini, 7, I-40141 Bologna (IT). **BONORA, Michela** [IT/IT]; Via Volontari della Libertà, 9, I-40135 Bologna (IT). **ZAGNONI, Graziano** [IT/IT]; Via Firenze, 35, I-40038 Vergato (BO) (IT). **MORVILLIER, Marie-Raphael** [FR/FR]; 10, Allée de Bourrienne, F-92500 Rueil-Malmaison (FR).

(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 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 **C08K 9/00**

(11) **WO 2004/104082** (13) A2

(21) PCT/EP2004/005619

(22) **25 May/mai 2004 (25.05.2004)**

(25) de (26) de

(30) 10323729.1 **26 May/mai 2003 (26.05.2003)** DE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COMPOSITION HAVING A NON-NEWTONIAN BEHAVIOR**

• **COMPOSITION A COMPORTEMENT NON-NEWTONIEN**

(71) **INSTITUT FÜR NEUE MATERIALIEN GEMEINNÜTZIGE GMBH** [DE/DE]; Im Stadtwald|Gebäude 43, 66123 Saarbrücken (DE).

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(72, 75) **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, 66287 Quierschied (DE). **OLIVEIRA, Peter, William** [BR/DE]; Nauwieser Strasse 40, 66111 Saarbrücken (DE). **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, 66130 Saarbrücken (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, 80803 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 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 **C08L 21/00, 23/00**

(11) **WO 2004/104083** (13) A1

(21) PCT/US2004/011410

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/438,532 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COMPOSITION CONTAINING ETHYLENE/PROPYLENE/DIENE COPOLYMER AND POLYALKYLENE/OLEFIN COPOLYMER**

• **PREPARATION CONTENANT UN COPOLYMER D'ETHYLENE/PROPYLENE/DIENE ET UN COPOLYMER DE POLYALKYLENE/OLEFINE**

(71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-Chome, Chuo-ku, Tokyo, Tokyo 104-8340 (JP).

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

(72, 75) CHEN, Zhong-Ren [CN/US]; 3950 Wyandham Ridge Drive, Stow, OH 44221 (US). RADEMACHER, Christine [US/US]; 714 Hearthstone Circle, Akron, OH 44320 (US).

(74) VASUTA, John; 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 C08L 23/08, C08J 5/18

(11) WO 2004/104084 (13) A2

(21) PCT/EP2004/005353

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03011532.3 21 May/mai 2003 EP (21.05.2003)

(30) 60/474,420 30 May/mai 2003 US (30.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLYETHYLENE FILMS FOR PACKAGING

• FILMS EN POLYÉTHYLÈNE DESTINÉS À L'EMBALLAGE

(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) PERDOMI, Gianni [IT/IT]; Via Giovanni Falcone 2, I-44100 Ferrara (IT).

(74) FISAULI, Beatrice; Basell Poliolefine Italia S.p.A, Intellectual Property, Via Pergolesi 25, I-20124 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C08L 23/08, C08J 5/18

(11) WO 2004/104085 (13) A1

(21) PCT/EP2004/005564

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03011529.9 21 May/mai 2003 EP (21.05.2003)

(30) 60/474,419 30 May/mai 2003 US (30.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STRETCH WRAP FILMS

• FILMS D'EMBALLAGE ETIRABLES

(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) PERDOMI, Gianni [IT/IT]; Via Giovanni Falcone 2, I-44100 Ferrara (IT).

(74) FISAULI, Beatrice; Basell Poliolefine Italia S.p.A, Intellectual Property, Via Pergolesi 25, I-20124 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C08L 23/08

(11) WO 2004/104086 (13) A2

(21) PCT/FR2004/001168

(22) 13 May/mai 2004 (13.05.2004)

(25) fr (26) fr

(30) 03/05872 16 May/mai 2003 FR (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OLEFINIC THERMOPLASTIC POLYMER COMPOSITIONS WITH FILLERS OF NANOMETRE SCALE IN THE FORM OF MASTERBATCHES

• COMPOSITIONS DE POLYMERES THERMOPLASTIQUES OLEFINIQUES ET DE CHARGES DE TAILLE NANOMETRIQUE SOUS FORME DE MELANGES-MAITRES

(71) ATOFINA [FR/FR]; 4-8, cours Michelet, F-92800 Puteaux (FR).

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

(72, 75) PEES, Bernard [FR/FR]; 37, Les Courtillages, F-27170 Beaumontel (FR).

(74) TARTAI, Jean-Yves; Atofina, Département Propriété Industrielle, 4/8, cours Michelet-La Défense 10, F-92091 Paris la Défense Cedex (FR).

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

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 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)

(u) for / pour US only / seulement

(51)⁷ C08L 23/08

(11) WO 2004/104087 (13) A2

(21) PCT/JP2004/001604

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 2003-146277 23 May/mai 2003 JP (23.05.2003)

(30) 2003-152375 29 May/mai 2003 JP (29.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLYMER COMPOSITION, PROCESS FOR PRODUCING THE POLYMER COMPOSITION, AND MOLDED ARTICLES FOR AUTOMOBILE EXTERIOR TRIM

• COMPOSITION POLYMER, SON PROCEDE DE PRODUCTION, ET ARTICLES MOULES POUR GARNITURE EXTERIEURE D'AUTOMOBILE

(71) DU PONT-MITSUI POLYCHEMICALS CO., LTD. [JP/JP]; 5-2, Higashi-shimbashi 1-chome, Minato-ku, Tokyo, 1057117 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKATA, Kazuyuki [JP/JP]; 2-4-1, Yushudainishi, Ichihara-shi, Chiba, 2990125 (JP). TAKEDA, Norihiko [JP/JP]; 2-4-8, Macharanishi, Funabashi-shi, Chiba, 2740825 (JP). MAEDA, Toshiyuki [JP/JP]; 1-1, Yushudaihigashi, Ichihara-shi, Chiba, 2990124 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C08L 23/10, 23/08, B32B 27/32

(11) WO 2004/104088 (13) A1

(21) PCT/JP2004/005073

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-147662 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OLEFIN POLYMER COMPOSITIONS AND EASY-PEELABLE SEALANTS MADE BY USING THE SAME

• PREPARATIONS A BASE DE POLYMERES OLEFINIQUES ET AGENTS DE SCELLEMENT PELABLES FABRIQUES FACILEMENT AU MOYEN DE CELLES-CI

(71) DU PONT-MITSUI POLYCHEMICALS CO., LTD. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 1057117 (JP).

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

(72, 75) SATO, Masanobu [JP/JP]; 11-1, Takasu, Urayasu-shi, Chiba 2790023 (JP).

(74) NAKAJIMA, Shigemitsu; Nichiyo Bldg. 3F, 11-12, Kanda Mitoshiro-cho, Chiyoda-ku, Tokyo 1010053 (JP).

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

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

(51)⁷ C08L 23/12

(11) WO 2004/104089 (13) A1

(21) PCT/CN2004/000475

(22) 12 May/mai 2004 (12.05.2004)

(25) zh (26) zh

(30) 03117089.7 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LONG FIBER REINFORCED POLYPROPYLENE/POLYPHENYLETEHER ALLOY MATERIAL AND ITS PREPARATION AND APPLICATION

• MATIERE A BASE D'ALLIAGE RENFORCE DE POLYPROPYLENE/POLYPHENYLETER A LONGUES FIBRES, SA PREPARATION ET SON APPLICATION

(71) SHANGHAI GENIUS ADVANCED MATERIAL CO., LTD. [CN/CN]; No. 800 Beisong Road, Minhang, Shanghai 201109 (CN).

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

(72, 75) YANG, Guisheng [CN/CN]; No. 800 Beisong Road, Minhang, Shanghai 201109 (CN). LI, Hong [CN/CN]; No. 800 Beisong Road, Minhang, Shanghai 201109 (CN). QIN, Qingwu [CN/CN]; No. 800 Beisong Road, Minhang, Shanghai 201109 (CN). LU, Xuexing [CN/CN]; No. 800 Beisong Road, Minhang, Shanghai 201109 (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 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 C08L 23/14, C09D 123/14, C09J 123/14, B32B 27/32

(11) WO 2004/104090 (13) A1

(21) PCT/JP2004/007009

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-145426 22 May/mai 2003 JP (22.05.2003)

(30) 2003-278312 23 Jul/juil 2003 JP (23.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AQUEOUS POLYOLEFIN RESIN DISPERSION, PROCESS FOR PRODUCING THE SAME, AND WATER-BASED COATING MATERIAL COMPRISING THE SAME

• DISPERSION DE RESINE POLYOLEFINIQUE AQUEUSE, PROCEDE DE PRODUCTION CORRESPONDANT ET MATERIAU DE REVETEMENT DILUABLE A L'EAU COMPRENANT LADITE DISPERSION

(71) UNITIKA LTD. [JP/JP]; 50, Higashi-Hommachi 1-chome, Amagasaki-shi, Hyogo, 6600824 (JP).

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

(72, 75) SHIBA, Kenjin OKAMOTO, Shoji YAMADA, Masafumi

(74) MORIMOTO, Yoshihiro; All Nippon Airways (Nishi-Hommachi) Bldg., 4th Floor 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C08L 25/06, C08K 3/22, 5/3492, 5/521

(11) WO 2004/104091 (13) A1

(21) PCT/JP2004/006367

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-141546 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLAME-RETARDANT STYRENE RESIN COMPOSITION

• COMPOSITION DE RESINE STYRENE IGNIFUGE

(71) DAI-ICHI KOGYO SEIYAKU CO., LTD. [JP/JP]; 55, Nishishichijo Higashikubo-cho, Shimogyo-ku, Kyoto-shi, Kyoto 6008873 (JP).

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

(72, 75) HARUNA, Takashi [JP/JP]; 333-29, Habumachi, Kishiwada-shi, Osaka 5960825 (JP).

(74) AKAOKA, Michio et al. / etc.; Koei Bldg., 1-13, Awajimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 C08L 27/12

(11) WO 2004/104092 (13) A1

(21) PCT/US2004/016411

(22) 19 May/mai 2004 (19.05.2004)

- (25) en (26) en
- (30) 60/472,232 **21 May/mai 2003** US
(21.05.2003)
- (30) 10/800,893 **15 Mar/mar 2004** US
(15.03.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FLUOROELASTOMER COMPOSITION HAVING EXCELLENT LOW TEMPERATURE PROPERTIES
- COMPOSITION DE FLUOROELASTOMERE PRESENTANT D'EXCELLENTE PROPRIÉTÉ À BASSE TEMPÉRATURE
- (71) DUPONT DOW ELASTOMERS L.L.C. [US/US]; 300 BELLEVUE PARK WAY, Wilmington, DE 19809 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUNG, Ming-Hong [US/US]; 601 Andover Road, Wilmington, DE 19803 (US). SCHMIEGEL, Walter, Werner [US/US]; 7 Haslet Way, Wilmington, DE 19807 (US).
- (74) KIRVAN, George, E.; Du Pont Dow Elastomers LLC, 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 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 C08L 33/06, C08K 3/00 // C08L 33:06, 101/00
- (11) WO 2004/104094 (13) A1
- (21) PCT/EP2004/002062
- (22) 2 Mar/mar 2004 (02.03.2004)
- (25) de (26) de
- (30) 103 23 789.5 **23 May/mai 2003** DE
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MOULDED BODIES USED FOR ILLUMINATED ADVERTISING AND METHOD FOR PRODUCING SAID BODIES
- CORPS FACONNÉS POUR LA PUBLICITÉ LUMINEUSE ET LEUR PROCÉDE DE PRODUCTION
- (71) RÖHM GMBH & CO. KG [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LICHTENSTEIN, Hans [DE/DE]; Am Schützenrain 9, 64354 Reinheim (DE). ITTMANN, Günther [DE/DE]; Waldstrasse 15, 64823 Gross-Umstadt (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 29/04, D21H 19/10, 19/82, C09D 129/04
- (11) WO 2004/104093 (13) A1
- (21) PCT/EP2004/005155
- (22) 13 May/mai 2004 (13.05.2004)
- (25) de (26) de
- (30) 103 23 204.4 **22 May/mai 2003** DE
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PRIMING AGENT FOR SEPARATING PAPERS AND FILMS
- APPRETS POUR PAPIERS ET FEUILLES DE SÉPARATION
- (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) BACHER, Andreas [DE/DE]; Fröschlbauernweg 7, 84489 Burghausen (DE). FICKERT, Karl-Ernst [DE/DE]; Mühlendorfer Str. 14c, 84503 Altötting (DE). MAYER, Theo [DE/DE]; Oberjülbachring 10, 84387 Jülbach (DE). LAUTENSCHLAGER, Hans [DE/DE]; Fahnbacherstr. 11, 84533 Haiming (DE).
-
- (51)⁷ C08L 53/02
- (11) WO 2004/104095 (13) A1
- (21) PCT/US2004/011273
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 60/470,461 **14 May/mai 2003** US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • BLOCK COPOLYMER COMPOSITION AND TRANSPARENT ELASTOMERIC ARTICLES PRODUCED THEREFROM
- COMPOSITION DE COPOLYMERES SEQUENCES ET ARTICLES ELASTOMERES TRANSPARENTS PRODUITS À PARTIR DE CETTE COMPOSITION
- (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) UZEE, Andre, J. [US/US]; 2831 Calanne Avenue, Baton Rouge, LA 70820 (US). MYERS, Michael, O. [US/US]; 634 Albert Hart Drive, Baton Rouge, LA 70808 (US). TONEY, Kenneth, A. [US/US]; 12307 Mallory Avenue, Baton Rouge, LA 70816 (US).
- (74) HOWARD, Dan, R.; 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).
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- (51)⁷ C08L 59/02, C08J 7/12, 7/04
- (11) WO 2004/104096 (13) A1
- (21) PCT/US2004/015062
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/470,084 **13 May/mai 2003** US
(13.05.2003)
- (30) 10/816,421 **1 Apr/avr 2004** US
(01.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MODIFIED POLYACETALS FOR DECORATIVE APPLICATIONS
- POLYACETALS MODIFIÉS POUR APPLICATIONS DÉCORATIVES
- (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) SCARAMUZZINO, Pascal [CH/CH]; Du Boisy 19, CH-CH2004 Luasanne (CH).
- (74) FAIR, Tamera, L.; 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 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 C08L 63/00

(11) WO 2004/104097 (13) A1

(21) PCT/JP2004/006943

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145423 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • EPOXY RESIN COMPOSITION
• COMPOSITION DE RESINE EPOXY

(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) UCHIDA, Hiroshi [JP/JP]; Yoko-
hamasasu 418, 222-1, Kamikurata-
cho, Totsuka-ku, Yokohama-shi, Kana-
gawa, 2440816 (JP). ONIZUKA, Kenzo
[JP/JP]; 2-14-20-103, Egawa, Kawasaki-ku,
Kawasaki-shi, Kanagawa, 2100823 (JP).
TAKADA, Yoshihiko [JP/JP]; 1-1-2-501,
Tsunashimakamicho, Kohoku-ku, Yoko-
hama-shi, Kanagawa, 2230055 (JP).
TOKIWA, Tetsuji [JP/JP]; 3-11-43, Fukuo-
dai, Sodogaura-shi, Chiba, 2990261 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room
331, New Ohtemachi Bldg., 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 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 C08L 63/00

(11) WO 2004/104098 (13) A2

(21) PCT/US2004/014234

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 10/438,358 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • STABILIZED FLAME RETARDANT
ADDITIVES AND THEIR USE

- ADDITIFS IGNIFUGEANTS STABI-
LISES ET UTILISATION

(71) ALBEMARLE CORPORATION [—/US];
451 Florida Street, Baton Rouge LA 70801-
1765 (US).

(72) GOOSSENS, Danielle, F.; Rue des Acaouis,
15, B-1320 Nodebais (BE). MACK, Arthur,
G.; 37234 Lake Shore Avenue, Prairieville,
LA 70769 (US).

(74) SPIELMAN, Edgar, E., Jr. et al. /
etc.; Albemarle Corporation, Law Depart-
ment, 451 Florida Street, Baton Rouge, LA
70801-1765 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C08L 67/02, B62D 29/04

(11) WO 2004/104099 (13) A2

(21) PCT/US2004/015523

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,787 15 May/mai 2003 US
(15.05.2003)

(30) 60/475,396 3 Jun/juin 2003 US
(03.06.2003)

(30) 60/500,085 4 Sep/sep 2003 US
(04.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • POLYESTER COMPOSITION
• COMPOSITION DE POLYESTER

(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) ALMS, Gregory, R. [US/US]; 1 Ash-
leaf Court, Hockessin, Delaware 19707
(US). ANKROM, Linda, S. [US/US]; 106
Muskingum Drive, Marietta, Ohio 45750
(US). BRISSOT, Claire [FR/FR]; villa "la
fontaine", Apartment 1.2-598, route de Fe-
nieres, F-01710 Thiory (FR). CROFT, Neil,
J. [US/US]; 9 Forest Gate Lane, Wilmington,
Delaware 19810 (US). ELIA, Andri, E.
[US/US]; 4 Ridgeway Drive, Chadds Ford,
Pennsylvania 19317 (US). GRUNER, Chris-
tian [DE/DE]; Am Benden 16, 50345 Huerth
(DE). MOLITOR, Michael, J. [US/US]; 107
Mathes Places, Wilmington, Delaware 19804
(US). STEGEN, Helga [DE/DE]; Berliner
Strasse 144, D-42277 Wuppertal (DE).

(74) JARNHOLM, Arne, R.; E. I. DU PONT
DE NEMOURS AND COMPANY, LEGAL

PATENT RECORDS CENTER, 4417 Lan-
caster 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 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 C08L 67/02

(11) WO 2004/104100 (13) A1

(21) PCT/US2004/015526

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,592 15 May/mai 2003 US
(15.05.2003)

(30) 60/470,756 15 May/mai 2003 US
(15.05.2003)

(30) 60/475,396 3 Jun/juin 2003 US
(03.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FAST CRYSTALLIZING POLYESTER
COMPOSITIONS
• COMPOSITIONS DE POLYESTER A
CRISTALLISATION RAPIDE

(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) ALMS, Gregory, R. [US/US]; 1 Ashleaf
Court, Hockessin, DE 19707 (US). CROFT,
Neil, J. [US/US]; 9 Forest Gate Lane,
Wilmington, DE 19810 (US). GRUNER,
Christian [DE/DE]; Am Benden 16, 50345
Huerth (DE). KOBAYASHI, Toshikazu
[JP/US]; 116 Millbrook drive, Chadds Ford,
PA 19317 (US). MOLITOR, Michael, J.
[US/US]; 107 Mathes Places, Wilmington,
DE 19804 (US). BRISSOT, Claire [FR/FR];
Villa "la fontaine", Apartment 1.2-598, Route
de Fenieres, F-01710 Thiory (FR). STEGEN,
Helga [DE/DE]; Berliner Strasse 144, 42277
Wuppertal (DE).

(74) JARNHOLM, Arne, R.; E. I. Du Pont
De Nemours And Company, Legal Patent
Records Center, 4417 Lancaster Pike, Wilm-
ington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C08L 71/12, C08K 7/04, 3/24, H01B 3/30

(11) WO 2004/104101 (13) A1

(21) PCT/FR2004/001183

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05928 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC CONDUCTOR PROVIDED
WITH AN ADHERENT LAYER AND
METHOD FOR THE PRODUCTION OF
SAID ELECTRIC CONDUCTOR

• CONDUCTEUR ELECTRIQUE RE-
VETU D'UNE COUCHE ADHERENTE
ET PROCEDE DE FABRICATION D'UN
TEL CONDUCTEUR ELECTRIQUE

(71) NEXANS, SOCIETE ANONYME
[FR/FR]; 16, rue de Monceau, 75008 Paris
(FR).

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

(72, 75) FOURNIER, Jérôme [FR/FR]; 53,
Cour de la Liberté, F-69003 Lyon (FR).
PIECHACZYK, Arnaud [FR/FR]; 22,
avenue du Maréchal De Saxe, F-69006
Lyon (FR). PINTO, Olivier [FR/FR]; 6,
rue Pravaz, F-69003 Lyon (FR). PAS-
CAULT, Jean-Pierre [FR/FR]; 40, rue
château Gaillard, F-69100 Villeurbanne (FR).
FENOUILLOT, Françoise [FR/FR]; 33, Al-
lée de Lorée du Golf, F-38080 l'Isle d'Abeau
(FR). TRIBUT, Laurent [FR/FR]; 18, rue
du Renvers de Plumont, F-39100 Dole (FR).

(74) FERAY, Valérie; c/o Feray Lenne Conseil,
44/52, rue de la Justice, F-75020 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 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).

Published / Publiée : (c)

(51)⁷ C08L 77/00, B60K 15/03 // (C08L 77/00,
61:06)

(11) WO 2004/104102 (13) A1

(21) PCT/US2004/016430

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,184 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARTICLES MADE FROM POLYAMIDE
RESIN COMPOSITIONS AND HAV-
ING IMPROVED FLUID PERMEATION
BARRIER PROPERTIES

• ARTICLES ELABORES A PARTIR
DE COMPOSITIONS DE RESINE
DE POLYAMIDE ET POSSEDANT
DES PROPRIETES AMELIOREES DE
BARRIERE DE PERMEANCE AUX
FLUIDES

(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) CHENG, Paul, P. [US/US]; 533 Lake-
wood Circle, Washington, WV 26181 (US).
SAGA, Yuji [JP/JP]; 19-2 Kiyohara Kogyo
Danchi, Utsunomiya-shi, Tochigi 321-3231
(JP).

(74) HAMBY, William, H.; E. I. Du Pont De
Nemours and Company, Legal Patent Records
Center, 4417 Lancaster Pike, Wilmington, DE
19805 (US).

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

Published / Publiée : (c)

(51)⁷ C08L 79/08, C08K 5/37, B32B 27/00,
H05K 1/03

(11) WO 2004/104103 (13) A1

(21) PCT/JP2004/007007

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-142686 20 May/mai 2003 JP
(20.05.2003)

(30) 2003-141622 20 May/mai 2003 JP
(20.05.2003)

(30) 2003-367516 28 Oct/oct 2003 JP
(28.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLYIMIDE RESIN COMPOSITION,
POLYMER FILM CONTAINING POLY-
IMIDE RESIN AND LAMINATE USING
THE SAME, AND METHOD FOR MAN-
UFACTURING PRINTED WIRING
BOARD

• COMPOSITION DE RESINE DE PO-
LYIMIDE, FILM POLYMERE CONTE-
NANT UNE RESINE DE POLYIMIDE
ET STRATIFIE UTILISANT CE FILM,
ET PROCEDE DE FABRICATION
D'UNE CARTE A CIRCUIT IMPRIME

(71) KANEKA CORPORATION [JP/JP]; 2-4,
Nakanoshima 3-chome, Kita-ku, Kobe-shi,
Osaka, 5308288 (JP).

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

(72, 75) SHIMOOSAKO, Kanji [JP/JP];
5-2-23, Torikainishi, Settsu-shi, Osaka,
5660072 (JP). TANAKA, Shigeru [JP/JP];
5-5-35, Torikainishi, Settsu-shi, Osaka,
5660072 (JP). NISHINAK, Masaru [JP/JP];
1-8-1, Shimosakamoto, Otsu-shi, Shiga,
5200105 (JP). ITOH, Takashi [JP/JP];
4-7-15, Ooginosato, Otsu-shi, Shiga,
5200246 (JP). MURAKAMI, Mutsuaki
[JP/JP]; 5-5-32, Torikainishi, Settsu-shi, Os-
aka, 5660072 (JP).

(74) KANEKA CORPORATION; 2-4,
Nakanoshima 3-chome Kita-ku, Osaka-shi,
Osaka, 5308288 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 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 C08L 83/14, C08K 3/36

(11) WO 2004/104104 (13) A1

(21) PCT/US2004/010735

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/441,829 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLAME RESISTANT THERMOPLAS-
TIC COMPOSITION, ARTICLES
THEREOF AND METHOD OF MAK-
ING ARTICLES

• COMPOSITION THERMOPLASTIQUE
DIFFICILEMENT INFLAMMABLE,
ARTICLES DOTES DE CETTE COM-
POSITION ET PROCEDE POUR FA-
BRIQUER CES ARTICLES

(71) GENERAL ELECTRIC COMPANY
[US/US]; 1 River Road, Schenectady, NY
12345 (US).

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

(72, 75) DONEA, Constantin [RO/US]; 222
Avenida de Azaleas, Evansville, IN 47712
(US). GALLUCCI, Robert, Russell
[US/US]; 1109 Tanglewood Drive, Mount
Vernon, IN 47620 (US). KIRKPATRICK,
Lyle [CA/CA]; R.R. #4 Cobourg, On-
tario K9A 4J7 (CA). KERNICK, William
[US/US]; 3742 Brayden Drive, Evansville,
IN 47711 (US). MULCAHY, Charles
[US/US]; 93 middle Road, Clarksburg, MA
01247 (US). TANDE, Brian [US/US]; 54
Park Ridge Drive, Mount VerNon, IN 47620
(US). WILLIAMS, Patrick, G. [CA/CA];
147 Carroll Cr. Cobourg, Ontario K9A 5K5
(CA).

(74) WINTER, Catherine, J. et al. / etc.; Gen-
eral 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 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 C08L 83/16, 83/05

(11) WO 2004/104105 (13) A1

(21) PCT/JP2004/007283

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146879 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • EMULSION COMPOSITION FOR SILICONE RUBBER, PROCESS FOR PRODUCING THE SAME, AND PROCESS FOR PRODUCING SILICONE RUBBER
• COMPOSITION D'EMULSION POUR CAOUTCHOUC SILICONE, SON PROCEDE DE PRODUCTION ET PROCEDE DE PRODUCTION DE CAOUTCHOUC SILICONE

(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) SHIRASAKI, Shinya [JP/JP]; c/o SC Division, Shindo Seni Kogyo co., Ltd., 11-1-1, Ii, Awara-shi, Fukui 9190614 (JP).
FUKAMACHI, Tadanori [JP/JP]; c/o SC Division, Shindo Seni Kogyo co., Ltd., 11-1-1, Ii, Awara-shi, Fukui 9190614 (JP).

HAMADA, Mitsuo [JP/JP]; c/o SC Division, Shindo Seni Kogyo co., Ltd., 11-1-1, Ii, Awara-shi, Fukui 9190614 (JP).

(74) KUBOTA, Yoshitaka; c/o ASA International Patent Firm Chiba Office, 43-27, Satsukigaoka 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ C08L 97/00, 97/02, C08J 5/04

(11) WO 2004/104106 (13) A1

(21) PCT/FR2003/001520

(22) 20 May/mai 2003 (20.05.2003)

(25) fr (26) fr

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FORMULATION AND METHOD FOR THE PRODUCTION OF A RECEPTACLE OR A POT OR A CUP WHICH IS BIODEGRADABLE

- FORMULATION ET PROCEDE DE FABRICATION D'UN RECIPIENT OU POT OU GODET BIODEGRADABLE

(71, 72) WICKY, Ralph [FR/FR]; 12, rue de la Charité, F-68300 Saint Louis (FR).

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

(51)⁷ C09B 5/14, C09D 11/00, B41J 2/01

(11) WO 2004/104107 (13) A1

(21) PCT/JP2004/006819

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-144768 22 May/mai 2003 JP (22.05.2003)

(30) 2004-132868 28 Apr/avr 2004 JP (28.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANTHRAPHYRIDONE COMPOUND, AQUEOUS MAGENTA INK COMPOSITION AND INKJET RECORDING METHOD

- COMPOSE ANTHRAPHYRIDONE, COMPOSITION D'ENCRE MAGENTA AQUEUSE EST PROCEDE D'ENREGISTREMENT PAR JET D'ENCRE

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku Tokyo, 1028172 (JP).

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(72, 75) MATSUMOTO, Hiroyuki [JP/JP]; 3-99-1-106, Nisshin-cho, Kita-ku, Saitama-shi Saitama, 3310823 (JP).
FUJII, Katsunori [JP/JP]; 1-17-41-1104, Edobukuro, Kawaguchi-shi Saitama, 3340075 (JP).
SHIRASAKI, Yasuo [JP/JP]; 61-7, Minaminakano, Minuma-ku, Saitama-shi Saitama, 3370042 (JP).
FUJII, Takafumi [JP/JP]; 6-8-22-205, Kamiochiai, Chuo-ku, Saitama-shi Saitama, 3380001 (JP).
MURAKAMI, Yasuo [JP/JP]; 3-1-16-512, Nakaaoki, Kawaguchi-shi Saitama, 3320032 (JP).
Kajiura, Noriko [JP/JP]; 7-21-11, Higashikanamachi, Katsushika-ku Tokyo, 1250041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 C09B 5/14, C09D 11/00, B41J 2/01

(11) WO 2004/104108 (13) A1

(21) PCT/JP2004/007208

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-144312 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL ANTHRAPHYRIDONE COMPOUND, AQUEOUS MAGENTA INK COMPOSITION AND INKJET RECORDING METHOD

- NOUVEAU COMPOSE D'ANTHRAPHYRIDONE, COMPOSITION D'ENCRE MAGENTA AQUEUSE ET PROCEDE D'IMPRESSION A JET D'ENCRE

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo, 1028172 (JP).

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- (72, 75) **MATSUMOTO, Hiroyuki** [JP/JP]; 3-99-1-106, Nissin-cho, Kita-ku, Saitama-shi, Saitama, 3310823 (JP). **FUJII, Katsunori** [JP/JP]; 1-17-41-1104, Edobukuro, Kawaguchi-shi, Saitama, 3340075 (JP). **SHIRASAKI, Yasuo** [JP/JP]; 61-7, Minaminakano, Minuma-ku, Saitama-shi, Saitama, 3370042 (JP). **FUJII, Takafumi** [JP/JP]; 6-8-22-205, Kamiochiai, Chuo-ku, Saitama-shi, Saitama, 3380001 (JP). **MURAKAMI, Yasuo** [JP/JP]; 3-1-16-512, Nakaaoki, Kawaguchi-shi, Saitama, 3320032 (JP).

- (74) **SAEKI, Norio**; 9th floor, Taka-ai, Building, 15-2, 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 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 C09C

(11) WO 2004/104109 (13) A2

(21) PCT/US2004/015475

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,636 19 May/mai 2003 US (19.05.2003)

(30) 10/840,299 7 May/mai 2004 US (07.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CARBON COATED HIGH LUSTER MATERIALS

• MATERIAUX A HAUTE BRILLANCE RECOUVERTS DE CARBONE

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

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(72) **JOHNSON, Geoffrey, Mark**; 502 Laurie Lane, Aberdeen, NJ 07747 (US). **JONES, Steven, Alan**; 47 Spring Road, Budd Lake, NJ 07828 (US). **MOINI, Ahmad**; 168 Carter Road, Princeton, NJ 08540 (US). **KOERMER, Gerald, Stephen**; 1 Thackeray Drive, Roseland, NJ 07068 (US). **JAGLOWSKI, William, Michael**; 528 Hillside Terrace, West Orange, NJ 07052 (US).

(74) **HAMPILOS, Gus, T. et al.** / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C09C 1/00, C09D 11/02, 5/36, C09C 1/36, C01G 23/047, A61K 7/48

(11) WO 2004/104110 (13) A1

(21) PCT/EP2004/004418

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 60/472,138 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOTOSTABILISED EFFECT PIGMENTS

• PIGMENTS A EFFET PHOTOSTABILISES

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(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 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 C09C 3/06, A61K 7/40

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(22) 22 May/mai 2003 (22.05.2003)

(25) de (26) de

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INORGANIC LIGHT-ABSORBING MICROPIGMENTS AND THE USE THEREOF

• MICRO-PIGMENTS INORGANICQUES ABSORBANT LA LUMIERE ET LEUR UTILISATION

(71) **KEMIRA PIGMENTS OY** [FI/FI]; FIN-28840 Pori (FI).

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(72, 75) **DAHMS, Gerd** [DE/DE]; Koopmannstrasse 59a, 47138 Duisburg (DE). **SEIDEL, Holger** [DE/DE]; Im Hort 43, 47055 Duisburg (DE). **ANTINLUOMA, Olli-Pekka** [FI/FI]; Kalevanpuisto 4 B, FIN-28120 Pori (FI). **MULTISILTA, Riku** [FI/FI]; Uusikoivistontie 35, FIN-28130 Pori (FI).

(74) **ISENBRUCK, Günter**; Isenbruck, Bösl, Hörschler, Wichmann, Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

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

(51)⁷ C09C 3/06

(11) WO 2004/104112 (13) A1

(21) PCT/JP2003/007283

(22) 9 Jun/juin 2003 (09.06.2003)

(25) ja (26) ja

(30) 2003-147701 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WHITE POWDER AND METHOD FOR PRODUCTION THEREOF

• POUDRE BLANCHE ET SON PROCEDE DE PRODUCTION

(71) **NITTETSU MINING CO., LTD.** [JP/JP]; 3-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8377 (JP).

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

(71, 72) **NAKATSUKA, Katsuto** [JP/JP]; 3-5-1403, Moniwadai 4-chome, Taihaku-ku, Sendai-shi, Miyagi 982-0252 (JP).

(72, 75) **KISHIMOTO, Akira** [JP/JP]; c/o Nittetsu Mining Co., Ltd., 8-1, Hirai, Hinode-machi, Nishitama-gun, Tokyo 190-0182 (JP). **ATARASHI, Takafumi** [JP/JP]; c/o Nittetsu Mining Co., Ltd., 8-1, Hirai, Hinode-machi, Nishitama-gun, Tokyo 190-0182 (JP). **OGURA, Shinichi** [JP/JP]; c/o Nittetsu Mining Co., Ltd., 8-1, Hirai, Hinode-machi, Nishitama-gun, Tokyo 190-0182 (JP). **HOSHINO, Kiyoshi** [JP/JP]; c/o Nittetsu Mining Co., Ltd., 8-1, Hirai, Hinode-machi, Nishitama-gun, Tokyo 190-0182 (JP). **HOSHIBA, Tetsuro** [JP/JP]; c/o Nittetsu Mining Co., Ltd., 8-1, Hirai, Hinode-machi, Nishitama-gun, Tokyo 190-0182 (JP).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

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

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

(51) C09D 4/00, 7/12

(11) WO 2004/104113 (13) A1

(21) PCT/NL2004/000329

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03076510.1 20 May/mai 2003 EP
(20.05.2003)

(30) 60/471,746 20 May/mai 2003 US
(20.05.2003)

(30) 04075534.0 20 Feb/fév 2004 EP
(20.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NANO-STRUCTURED SURFACE
COATING PROCESS, NANO-STRUC-
TURED COATINGS AND ARTICLES
COMPRISING THE COATING

• PROCEDE D'APPLICATION D'UN
RETEMENT A SURFACE
NANO-STRUCTUREE, REVE-
TEMENTS NANO-STRUCTURES ET
ARTICLES COMPORTANT LEDIT RE-
VETEMENT

(71) DSM IP ASSETS B.V. [NL/NL]; Het Over-
loon 1, NL-6411 TE Heerlen (NL).
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les États désignés sauf US)*

(72, 75) THIES, Jens, Christoph [NL/DE];
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tricht (NL). MEIJERS, Guido, Jozefina,
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mond [US/US]; 735 Pleasant Street, Elgin,
IL 60137 (US).

(74) DORRESTIJN, A.; DSM Intellectual Prop-
erty, P.O. Box 9, NL-6160 MA Geleen (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 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 C09D 4/06, 7/12, C08K 9/08

(11) WO 2004/104114 (13) A1

(21) PCT/NL2004/000345

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 2003-141838 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CURABLE COMPOSITIONS AND
CURED FILM THEREOF

• COMPOSITIONS DURCISSABLES ET
FILMDURCI OBTENU A PARTIR DES-
DITES COMPOSITIONS

(71) DSM IP ASSETS B.V. [NL/NL]; Het
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FINE COATINGS, CO., LTD. [JP/JP]; 57-1
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(72, 75) UEDA, Jirou [JP/JP]; 5-6-10, Tsuk-
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(74) G.C. HOOGENDAM; DSM Patents &
Trademarks, P.O. Box 9, NL-6160 MA
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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 C09D 5/29

(11) WO 2004/104115 (13) A1

(21) PCT/US2004/015267

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/441,371 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-LAYER COATING COMPRIS-
ING COLOUR-IMPARTING LAYER

• REVETEMENT MULTICOUCHE COM-
PRENANT UNE COUCHE COLO-
RANTE

(71) E.I. DUPONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

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(72, 75) FRESE, Peter [DE/DE]; Marienburger
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NERT, Klaus [DE/DE]; Nassaustrasse 21,
42389 Wuppertal (DE). WULF, Martin
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(DE). ZENTEL, Rudolf [DE/DE]; Ross-
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EGEN, Marc [DE/DE]; Gustav- Adolf-
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(74) BENJAMIN, Steven, C.; E. I. Du Pont De
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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 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 C09D 7/12

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(25) en (26) en

(30) 03076509.3 20 May/mai 2003 NL
(20.05.2003)

(30) 60/471,745 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDROPHOBIC COATINGS COM-
PRISING REACTIVE NANO-PARTI-
CLES

• REVETEMENTS HYDROPHOBES
CONTENANT DES NANOPARTI-
CULES REACTIVES

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RIE, Edwin [NL/NL]; Pastoor Jacobsstraat
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(74) DORRESTIJN, A.; DSM Intellectual Prop-
erty, P.O. Box 9, NL-6160 MA Geleen (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 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) C09D 11/00
(11) WO 2004/104117 (13) A1
(21) PCT/GB2004/001507
(22) 7 Apr/avr 2004 (07.04.2004)
(25) en (26) en
(30) 0312067.2 24 May/mai 2003 GB
(24.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INKS CONTAINING WATER-SOLU-
BLE PERYLENE DYES AND THEIR
USE IN INK-JET PRINTING
- ENCREs CONTENANT DES COLO-
RANTS DE PERYLENE HYDROSO-
LUBLES ET LEUR UTILISATION
DANS L'IMPRESSION A JET D'ENCRE
- (71) AVECIA LIMITED [GB/GB]; Hexagon
House, Blackley, Manchester M9 8ZS (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FOSTER, Clive, Edwin [GB/GB];
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O'SHAUGHNESSY, Helen, Ava [GB/GB];
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Manchester M9 8ZS (GB).
- (74) MORPETH, Fraser, Forrest et al. / etc.;
Avecia Limited, Intellectual Property Group,
PO Box 42, Hexagon House, Blackley, Man-
chester 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).
-
- (51)⁷ C09D 11/00, B41M 5/00, B41J 2/01
(11) WO 2004/104118 (13) A1
(21) PCT/JP2004/006965
(22) 21 May/mai 2004 (21.05.2004)
(25) ja (26) ja
(30) 2003-143601 21 May/mai 2003 JP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INK-JET RECORDING INK, INK-JET
RECORDING METHOD, RECORDING

- MEDIUM, AND INK-JET RECORDING
DEVICE
- ENCRE POUR IMPRESSION
A JET D'ENCRE, PROCEDE
D'IMPRESSION ASSOCIE, ET DISPO-
SITIF D'IMPRESSION A JET D'ENCRE
- (71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaike-cho, Abeno-ku, Osaka-shi,
Osaka 5458522 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) TSUBAKI, Yoritaka [JP/JP]; 1-4-70,
Jingu, Nara-shi, Nara 6310804 (JP). AOKI,
Momomi [JP/JP]; 97-11, Minamijuso,
Gose-shi, Nara 6392204 (JP). KAMOTO,
Takanori [JP/JP]; 181-16, Hieda-cho,
Yamatokoriyama-shi, Nara 6391108 (JP).
NAKATSU, Hiromi [JP/JP]; 1-16-1-1307,
Shioe, Amagasaki-shi, Hyogo 6610976 (JP).
SUZUKI, Seita [JP/JP]; 435-10, Kujo-cho,
Yamatokoriyama-shi, Nara 6391001 (JP).
- (74) SAIKYO, Keiichi et al. / etc.; Shik-
ishima Building, 2-6, Bingomachi 3-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 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 C09D 11/00
(11) WO 2004/104119 (13) A1
(21) PCT/US2004/015265
(22) 14 May/mai 2004 (14.05.2004)
(25) en (26) en
(30) 60/471,798 19 May/mai 2003 US
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INKJET INK
- ENCRE POUR IMPRESSION PAR JET
D'ENCRE
- (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) VALENTINI, Jose, E. [US/US]; 301
Lea Drive, West Chester, Pennsylvania 19382
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(US).
- (74) LERMAN, Bart, E.; E. I. DU PONT DE
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PATENT RECORDS CENTER, 4417 Lan-
caster 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 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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- Published / Publiée : (c)
- (51)⁷ C09D 11/02, 5/36
(11) WO 2004/104120 (13) A1
(21) PCT/EP2004/004961
(22) 10 May/mai 2004 (10.05.2004)
(25) de (26) de
(30) 103 23 374.1 21 May/mai 2003 DE
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METALLIC INK, AND USE THEREOF
FOR IMPROVING PRINTS
- ENCRE D'IMPRIMERIE METAL-
LIQUE ET SON UTILISATION POUR
L'AMELIORATION DE DOCUMENTS
IMPRIMES
- (71) BASF DRUCKSYSTEME GMBH
[DE/DE]; Sieglestr. 25, 70469 Stuttgart
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- (72, 75) KURZE, Ulrich [DE/DE]; Teichstrasse
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ETSCH, Burkhard [DE/DE]; Häfnerweg
10, 64807 Dieburg (DE).
- (74) POGANIUCH, Peter; BASF Aktienge-
sellschaft, 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 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 C09D 101/32
(11) WO 2004/104121 (13) A1
(21) PCT/US2004/013983
(22) 5 May/mai 2004 (05.05.2004)
(25) en (26) en
(30) 60/471,049 16 May/mai 2003 US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • **CROSSLINKABLE COATING SYSTEMS CONTAINING CARBOXYALKYLCELLULOSE ESTERS**
• **SYSTEMES DE REVETEMENT RETICULABLES CONTENANT DES ESTERS DE CARBOXYALKYLCELLULOSE**

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 N. Eastman Road, Kingsport, TN 37660 (US).
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(72) **OBIE, Ronald, Todd**; 502 North Rotary Drive, High Point, NC 27262 (US).

(74) **CARRIER, Michael, K.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **C09G 1/02, C09K 3/14, H01L 21/321, 21/768**

(11) **WO 2004/104122** (13) A2

(21) PCT/JP2004/007563

(22) **26 May/mai 2004 (26.05.2004)**

(25) en (26) en

(30) 2003-148056 **26 May/mai 2003 (26.05.2003)** JP

(30) 60/475,807 **5 Jun/juin 2003 (05.06.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **POLISHING COMPOSITION AND POLISHING METHOD**
• **COMPOSITION ET PROCÉDÉ DE POLISSAGE**

(71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo 1058518 (JP). **YAMAGUCHI SEIKEN KOGYO K.K.** [JP/JP]; 153 Aza Horogo, Narumicho, Midori-ku, Nagoya-shi, Aichi 4580801 (JP).

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(72, 75) **MIYATA, Norihiko** [JP/JP]; c/o Shiojiri Plant Showa Denko K.K., 1, Oaza Soga, Shiojiri-shi, Nagano 3996461 (JP). **ANDO, Junichiro** [JP/JP]; c/o Yamaguchi Seiken Kogyo K.K., 153 Aza Horogo, Narumicho, Midori-ku, Nagoya-shi, Aichi 4580801 (JP). **HONG, Gong-Hong** [KR/JP]; c/o Yamaguchi Seiken Kogyo K.K., 153 Aza Horogo, Narumicho, Midori-ku, Nagoya-shi, Aichi 4580801 (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 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 **C09J 5/04, 5/06, B27G 11/00**

(11) **WO 2004/104123** (13) A1

(21) PCT/SE2004/000683

(22) **5 May/mai 2004 (05.05.2004)**

(25) en (26) en

(30) 03445059.3 **20 May/mai 2003 (20.05.2003)** EP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF JOINING SURFACES**
• **PROCEDE D'ASSEMBLAGE DE SURFACES**

(71) **AKZO NOBEL COATINGS INTERNATIONAL B.V.** [NL/NL]; P.O. Box 9300, Velperweg 76, NL-6800 SB ARNHEM (NL).
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(72, 75) **NORLING, Håkan, Lars, Henrik** [SE/SE]; Torsgatan 59, S-113 37 Stockholm (SE). **ABRAM, Eugeniusz** [PL/SE]; Karolnagatan 10 A, S-171 58 Solna (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 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 **C09J 5/04, B27G 11/00**

(11) **WO 2004/104124** (13) A1

(21) PCT/SE2004/000686

(22) **5 May/mai 2004 (05.05.2004)**

(25) en (26) en

(30) 03445058.5 **20 May/mai 2003 (20.05.2003)** EP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF JOINING SURFACES**
• **PROCEDE D'ASSEMBLAGE DE SURFACES**

(71) **AKZO NOBEL COATINGS INTERNATIONAL BV** [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) **NORLING, Håkan, Lars, Erik** [SE/SE]; Torsgatan 59, S-113 37 Stockholm (SE). **ABRAM, Eugeniusz** [PL/SE]; Karolnagatan 10 A, S-171 58 Solna (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 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 **C09J 5/06, B60J 5/04**

(11) **WO 2004/104125** (13) A1

(21) PCT/US2004/013037

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/470,511 **14 May/mai 2003 (14.05.2003)** US

(30) 10/685,221 **14 Oct/oct 2003 (14.10.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF ADHERING MEMBERS AND AN ASSEMBLY FORMED THEREBY**
• **PROCEDE POUR COLLER DES ELEMENTS ET ENSEMBLE AINSI ASSEMBLE**

(71) **L & L PRODUCTS, INC.** [US/US]; 159 McLean Drive, Romeo, MI 48065 (US).
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(72, 75) **BOGERT, Ronald** [US/US]; 7958 Willis Rd., Brown City, MI 48416 (US). **HABLE, Christopher** [US/US]; 77210 Brown Road, Romeo, MI 48065 (US).

(74) **CHAPPLE, Scott, A. et al. / etc.**; Dobrusin & Thennisch 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 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 C09J 7/00

(11) WO 2004/104126 (13) A1

(21) PCT/JP2004/007302

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146701 23 May/mai 2003 JP (23.05.2003)

(30) 2004-150922 20 May/mai 2004 JP (20.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOUBLE-SIDED SELF-ADHESIVE FOAMED SHEET

• FEUILLE DE MOUSSE AUTO-ADHESIVE A DOUBLE FACE

(71) ACHILESS CORPORATION [JP/JP]; 22-5, Daikyocyo, Shinjuku-ku, Tokyo 160-0015 (JP).

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(72, 75) UNNO, Minoru [JP/JP]; 4-11-7-203, Nishihori, Sakura-ku, Saitama-shi, Saitama 338-0832 (JP). UEDA, Kazushige [JP/JP]; 81-46, Oara, Yabuzukahon-machi, Nitta-gun, Gunma 379-2304 (JP). IWAZAKI, Yukio [JP/JP]; 537, Akizuma, Ouramachi, Oura-gun, Gunma 370-0606 (JP).

(74) HIRAIISHI, Toshiko; 1-18-15, Nishi-Shinbashi, 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C09J 123/08, C08L 23/08

(11) WO 2004/104127 (13) A2

(21) PCT/US2004/015697

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,318 19 May/mai 2003 US (19.05.2003)

(30) 10/666,488 19 Sep/sep 2003 US (19.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NOVEL MULTIFUNCTIONAL POLYMER FOR USE IN HOT MELT ADHESIVE APPLICATIONS

• NOUVEAU POLYMERE MULTIFONCTIONNEL DESTINE A DES APPLICATIONS D'ADHESIFS THERMOFUSIBLES

(71) HRD CORP. [US/US]; P.O. Drawer 450267, Houston, TX 77245 (US).

(72) HASSAN, Aziz; 1127 Sugar Creek Boulevard, Sugarland, TX 77478 (US). BORSINGER, Gregory; 17 Pembroke Road, Chatham, NJ 07928 (US). KARJALA, Teresa, P.; 56 Mandevilla Court, Lake Jackson, TX 77566 (US).

(74) ADAMS, Thomas, L.; P.O. Box 340, 120 Eagle Rock Avenue, East Hanover, NJ 07936 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ C09J 123/10, 123/04, 123/30

(11) WO 2004/104128 (13) A1

(21) PCT/EP2004/005322

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 617.1 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HOT-MELT ADHESIVE MATERIALS

• PÂTES ADHÉSIVES FUSIBLES

(71) CLARIANT GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).

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

(72, 75) BACH, Sebastijan [DE/DE]; Am Wasserturm 1a, 86462 Langweid (DE). HERRMANN, Hans-Friedrich [DE/DE]; Neckarring 62, 64521 Gross-Gerau (DE). HOHNER, Gerd [DE/DE]; Adolf-von-Bayer-Strasse 26, 86368 Gersthofen (DE).

(74) PACZKOWSKI, Marcus 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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 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 C09J 151/06, 7/00, 11/00, C08L 51/06, 33/04, C08K 3/00

(11) WO 2004/104129 (13) A1

(21) PCT/JP2004/007408

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-144208 22 May/mai 2003 JP (22.05.2003)

(30) 2003-337057 29 Sep/sep 2003 JP (29.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMALLY CONDUCTIVE PRESSURE-SENSITIVE ADHESIVE COMPOSITION, THERMALLY CONDUCTIVE SHEET-LIKE MOLDINGS, AND PROCESS FOR THE PRODUCTION OF THE MOLDINGS

• COMPOSITION POUR ADHESIF SENSIBLE A LA PRESSION THERMOCONDUCTEUR, MOULAGES MINCES THERMOCONDUCTEURS, ET PROCÉDES DE PRODUCTION DES MOULAGES

(71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

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(72, 75) MIKUNI, Takamitsu [JP/JP]; c/o ZEON KASEI CO., LTD., 4-1, Shibakoen 2-chome, Minato-ku, Tokyo, 1050014 (JP). SEKIGUCHI, Ken-ichi [JP/JP]; c/o ZEON KASEI CO., LTD., 4-1, Shibakoen 2-chome, Minato-ku, Tokyo, 1050014 (JP). IWABUCHI, Satoshi [JP/JP]; c/o ZEON KASEI CO., LTD., 4-1, Shibakoen 2-chome, Minato-ku, Tokyo, 1050014 (JP). EGAWA, Ryoko [JP/JP]; c/o ZEON KASEI CO., LTD., 4-1, Shibakoen 2-chome, Minato-ku, Tokyo, 1050014 (JP). OGIWARA, Manabu [JP/JP]; c/o ZEON KASEI CO., LTD., 4-1, Shibakoen 2-chome, Minato-ku, Tokyo, 1050014 (JP).

(74) UCHIDA, Yukio; Uchida & Associates, Sunny Port, Shiba 1005, 5-10, Shiba 2-chome, Minato-ku, Tokyo, 1050014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C09J 163/00

(11) WO 2004/104130 (13) A2

(21) PCT/US2004/008672

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/440,591 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EPOXY ADHESIVES AND BONDED SUBSTRATES
• COLLES EPOXY ET SUBSTRATS COLLES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) CHENG, Ming.; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). LU, Ying-Yuh.; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) LITTLE, Douglas B., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 C09K

(11) WO 2004/104131 (13) A2

(21) PCT/US2004/014948

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,635 15 May/mai 2003 US
(15.05.2003)(30) 60/470,734 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD TO ENCAPSULATE PHOSPHOR VIA CHEMICAL VAPOR DEPOSITION

• PROCEDE D'ENCAPSULATION DU PHOSPHORE PAR DEPOT CHIMIQUE EN PHASE VAPEUR

(71) OSRAM SYLVANIA INC. [US/US]; 100 Endicott Street, Danvers, MA 01923 (US).
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(72, 75) FAN, Chen-Wen [US/US]; 214 Sharon Avenue, Sayre, PA 18840 (US). CHAU, Chung-Nin [US/US]; 111 Walnut Street, Apt. #3, Athens, PA 18810 (US). MARK-ING, Gregory, A. [US/US]; 210 So. Pennsylvania Avenue, Sayre, PA 18840 (US). EDGERTON, William, F. [US/US]; R.R. #1, BOX 122, New Albany, PA 18833 (US).

(74) CASTEL, Benoît; c/o YOUNG & THOMPSON, 745 South 23rd Street, 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 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 C09K 3/00, B32B 7/02, E06B 9/24, C08L 1/08, C08K 5/07, 5/3475

(11) WO 2004/104132 (13) A1

(21) PCT/JP2003/015413

(22) 2 Dec/déc 2003 (02.12.2003)

(25) ja (26) ja

(30) 2003-181864 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LAMINATE CONTROLLING LIGHT AUTONOMOUSLY AND WINDOW USING THE SAME

• LAMINE REGULANT LA LUMIERE DE MANIERE AUTONOME ET FENETRE L'UTILISANT

(71) AFFINITY CO., LTD. [JP/JP]; 12-2, Numabukuro 4-chome, Nakano-ku, Tokyo 165-0025 (JP).

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

(72, 75) WATANABE, Haruo [JP/JP]; C/O AFFINITY CO., LTD., 12-2, Numabukuro 4-chome, Nakano-ku, Tokyo 165-0025 (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 JP 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 C09K 3/10, B60R 13/06

(11) WO 2004/104133 (13) A1

(21) PCT/EP2004/005335

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 03 06122 22 May/mai 2003 FR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCTION OF A SEALING JOINT GASKET
• PROCEDE DE FABRICATION D'UN CORDON DE JOINT D'ETANCHEITE

(71) SAINT-GOBAIN PERFORMANCE PLASTICS CHAINEUX S.A. [BE/BE]; Avenue du Parc 18, B-4650 Chaineux (BE).
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(72, 75) JEANMART, Laurent [BE/BE]; 51, rue J. Misson, B-5170 Lesve (BE). LEHMANN, Yves [BE/BE]; 11, rue de la Siroperie, B-5310 Liernu (BE). LEROY, Dimitri [BE/BE]; Quai de Rome 55, Boîte 071, B-4000 Liege (BE).

(74) COLOMBIER, Christian; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C09K 3/14

(11) WO 2004/104134 (13) A1

(21) PCT/KR2004/001222

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10-2003-0032574 22 May/mai 2003 KR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONCENTRATE OF FINE CERIA PARTICLES FOR CHEMICAL MECHANICAL POLISHING AND PREPARING METHOD THEREOF

• CONCENTRE DE PARTICULES FINES D'OXYDE DE CERIUM PERMETTANT D'EFFECTUER UN POLISSAGE CHIMICO-MECANIQUE ET SON PROCEDE DE PREPARATION

(71) HANWHA CHEMICAL CORPORATION [KR/KR]; 1, Janggyo-dong, Jung-gu, Seoul 100-797 (KR).
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(72, 75) PARK, Se-Woong [KR/KR]; 103-601, Hanmaul Apt., Songgang-dong, Yuseong-gu,

- Daejeon 305-756 (KR). **MYEONG, Wan-Jae** [KR/KR]; 108-305, Daelim Dure Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-720 (KR). **BAIK, Jin-Soo** [KR/KR]; 1203, Cityvill Apt., Tanbang-dong, Seo-gu, Daejeon 302-858 (KR). **CHUNG, Chang-Mo** [KR/KR]; 106-1003, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721 (KR). **SONG, Kyu-Ho** [KR/KR]; 304-403, Shindongah Apt., Samchun-dong, Seo-gu, Daejeon 302-780 (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 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 **C09K 7/02, E21B 43/02**
- (11) **WO 2004/104135** (13) A1
- (21) PCT/GB2004/002090
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 10/444,426 **23 May/mai 2003 US (23.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **METHODS AND COMPOSITIONS FOR STABILIZING SWELLING CLAYS OR MIGRATING FINES IN FORMATIONS**
- **PROCEDES ET COMPOSITIONS PERMETTANT DE STABILISER DES ARGILES GONFLANTES OU DES FINES MIGRANTES DANS DES FORMATIONS GEOLOGIQUES**
- (71) **HALLIBURTON ENERGY SERVICE, 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) **NGUYEN, Philip, D.** [US/US]; 1107 West Jones Avenue, Duncan, OK 73533 (US). **SUTTON, Gregor, D.** [US/US]; 3040 FM 518 Apt. #2341, Pearland, TX 77584 (US). **RUSH, Thomas, E.** [US/US]; 4402 Thaddeus Court, Richmond TX 77469 (US).
- (74) **WAIN, Christopher, Paul et al.** / etc.; A A Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ 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 **C09K 11/06, H05B 33/14, H01L 33/00, H01S 5/022**
- (11) **WO 2004/104136** (13) A1
- (21) PCT/JP2004/007331
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) ja (26) ja
- (30) 2003-144388 **22 May/mai 2003 JP (22.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **LIGHT-EMITTING DEVICE AND PHOSPHOR**
- **DISPOSITIF ELECTROLUMINESCENT ET PHOSPHORE**
- (71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURAYAMA, Tetsuo** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **YABE, Akiko** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **SHIMIZU, Kanji** [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research, Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **SHODA, Takayuki** [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research, Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **YOSHINO, Masahiko** [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research, Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (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 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 **C09K 19/30**
- (11) **WO 2004/104137** (13) A1
- (21) PCT/EP2004/005234

- (22) **14 May/mai 2004 (14.05.2004)**
- (25) de (26) de
- (30) 103 22 908.6 **21 May/mai 2003 DE (21.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **LIQUID-CRYSTALLINE MEDIUM**
- **CRISTAL LIQUIDE**
- (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) **HECKMEIER, Michael** [DE/DE]; Gutenbergstrasse 7, 69502 Hemsbach (DE). **REIFFENRATH, Volker** [DE/DE]; Jahnstrasse 18, 64380 Rossdorf (DE). **SAITO, Izumi** [JP/DE]; Landskronstrasse 25, 64285 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 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 **C10G**
- (11) **WO 2004/104138** (13) A2
- (21) PCT/US2004/014220
- (22) **7 May/mai 2004 (07.05.2004)**
- (25) en (26) en
- (30) 10/440029 **16 May/mai 2003 US (16.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **PROCESS FOR REMEDIATION OF HYDROCARBONS**
- **PROCEDE DE CONVERSION D'HYDROCARBURES**
- (71) **BIO-CHEM TECHNOLOGIES, LLC** [US/US]; Suite 700, 5 Hutton Centre Drive, Santa Ana, CA 92707 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LUNDE, Ken** [US/US]; Suite 700, 5 Hutton Centre Drive, Santa Ana, CA 92707 (US). **ZAABADICK, John** [US/US]; 295 Crestwood Drive, Milltown, NJ 08850 (US).
- (74) **MCCONAGHY, John, D.**; Fulbright & Jaworski L.L.P., 865 South Figueroa, Twenty-Ninth Floor, Los Angeles, CA 90017-2571 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C10G 9/00, C10B 55/00

(11) WO 2004/104139 (13) A1

(21) PCT/US2004/015319

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,324 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DELAYED COKING PROCESS FOR
PRODUCING FREE-FLOWING SHOT
COKE

• PROCEDE DE COKEFACTION RETAR-
DEE DESTINE A LA PRODUCTION DE
COKE ANISOTROPE EN GRENAILLE
A ECOULEMENT LIBRE

(71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).

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les États désignés sauf US)

(72, 75) SISKIN, Michael [US/US]; 59 Shongum
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Christopher, P. [US/US]; 10213 Old Hunt
Road, Vienna, VA 22181 (US). GORBATY,
Martin, L. [US/US]; 204 Twin Oaks Terrace,
Westfield, NJ 07090 (US). BROWN, Leo,
D. [US/US]; 5931 Wildflower Road, Baton
Rouge, LA 70817 (US). KELEMEN, Simon,
R. [US/US]; 64 Mount Grove Road, Annan-
dale, NJ 08801 (US). FERRUGHELLI,
David, T. [US/US]; 10 Hardy Drive, Flem-
ington, NJ 08822 (US). BERNATZ, Fritz,
A. [US/US]; 12415 Falcon Drive, Plainfield,
IL 60544 (US).

(74) HUGHES, Gerard, J. et al. / etc.; Exxonmo-
bil Research and Engineering Company, 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C10J 3/00

(11) WO 2004/104140 (13) A1

(21) PCT/US2004/015402

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,130 16 May/mai 2003 US
(16.05.2003)

(30) 60/471,286 16 May/mai 2003 US
(16.05.2003)

(30) 60/546,107 18 Feb/fév 2004 US
(18.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RAPID START FUEL REFORMING
SYSTEMS AND TECHNIQUES

• DISPOSITIFS ET PROCEDES DE RE-
FORMAGE DE COMBUSTIBLE POUR
DEMARRAGE RAPIDE

(71) BATTELLE MEMORIAL INSTITUTE
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1309 Roberdeau, Richland, WA 99352 (US).

(74) BRADSHAW, John, M. et al. / etc.;
Woodard, Emhardt, Moriarty, McNett &
Henry, LLP, Bank One Center/Tower, Suite
3700, 111 Monument Circle, Indianapolis,
IN 46204 (US).

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

Published / Publiée : (c)

(51)⁷ C10L

(11) WO 2004/104141 (13) A2

(21) PCT/KR2004/001079

(22) 10 May/mai 2004 (10.05.2004)

(25) ko (26) en

(30) 10-2003-0029669 10 May/mai 2003 KR
(10.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITION FOR PREVENTING
SCALING, EXCLUDING OF SOOT,
CLINKER AND SLUDGE, AND CON-
TROLLING FLAME IN COMBUSTION
APPARATUS

• COMPOSITION PERMETTANT
D'EMPECHER LES DEPOTS,
L'EXCLUSION DE SUIES, DE CLIN-
KER ET DE BOUES, ET COMMANDE
DE LA FLAMME DANS UN APPAREIL
DE COMBUSTION

(71, 72) OH, Mi-Hye [KR/KR]; 105-606 Bu-
songwoonam apt., 216-2 Busong-dong,
Iksan-city, Jeollabuk-do 570-972 (KR).

(72, 75) RYU, Hwan-Woo [KR/KR]; 255-1 Wol-
hyeon-dong, Cheongha-myeon, Gimje-city,
Jeollabuk-do 576-892 (KR). OH, Se-
ung-Hwan [KR/KR]; 105-1302 Lotte apt.,
Wooa 2-ga, Deokjin-gu, Jeonju-city, Jeol-
labuk-do 561-774 (KR). KIM, Yong-Wan
[KR/KR]; 102-702 Oeyangwoomi apt.,
84 Oeyang-dong, Iksan-city, Jeollabuk-do
570-210 (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 KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C10L 1/04, 1/08

(11) WO 2004/104142 (13) A1

(21) PCT/EP2004/050819

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03076566.3 22 May/mai 2003 EP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS TO UPGRADE KEROSENE
AND A GASOLIS FROM NAPHTH-
HENIC AND AROMATIC CRUDE
PETROLEUM SOURCES

• PROCEDE DE VALORISATION DU KE-
ROSENE ET DU GASOIL DE SOURCES
DE PETROLE BRUT NAPHTHENIQUE
ET AROMATIQUE

(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) BOSCH, Willem [NL/NL]; Koningin Ju-
lianaplein 15, NL-2595AA 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 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).

Published / Publiée : (c)

(51)⁷ C10L 3/10, F25J 3/02, 3/08

(11) WO 2004/104143 (13) A1

(21) PCT/EP2004/002257

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/444,029 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NITROGEN REJECTION FROM CONDENSED NATURAL GAS

• ELIMINATION DE L'AZOTE PRESENT DANS DU GAZ NATUREL CONDENSE

(71) AIR PRODUCTS AND CHEMICALS, INC. [US/US]; 7201 Hamilton Boulevard, Allentown, PA 18195-1501 (US).

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

(72, 75) BROSTOW, Adam, Adrian [US/US]; 126 Colonial Court, Emmaus, PA 18949 (US). ROBERTS, Mark, Julian [US/US]; 8866 Canaris Drive, Kempton, PA 19529 (US). SPILSBURY, Christopher, Geoffrey [GB/GB]; Rooks Nest Beech Road, Haslemere, Surrey GU27 2BX (GB).

(74) KADOR & PARTNER; Corneliusstr. 15, 80469 Munich (DE).

(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 EG ES FI GB GD GE GH GM HR HU ID IL 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 C10M

(11) WO 2004/104144 (13) A2

(21) PCT/KR2004/000797

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ko (26) en

(30) 20-2003-0016284 26 May/mai 2003 KR
(26.05.2003)(30) 20-2003-0016283 26 May/mai 2003 KR
(26.05.2003)(30) 20-2003-0024298 28 Jul/juil 2003 KR
(28.07.2003)(30) 10-2004-0016758 12 Mar/mar 2004 KR
(12.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS FOR RECYCLING AND FEEDING LUBRICANT

• APPAREIL POUR LE RECYCLAGE ET L'AMENEE D'UN LUBRIFIANT

(71, 72) PARK, Chang-Bog [KR/KR]; 101-1011 Worldcup Hyundai Apartment, 371-1 Bookgajoa-dong, Seodaemoon-gu, Seoul 120-816 (KR).

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

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

(51)⁷ C10M

(11) WO 2004/104145 (13) A2

(21) PCT/US2004/015495

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/439,270 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RESIN BONDED PARTICULATE ANTI-SEIZE AGENT, LUBRICATING SYSTEM MADE THEREFROM AND METHODS OF MAKING AND USING SAME

• AGENT PARTICULAIRE ANTI-GRIP-PANT LIE PAR RESINE, SYSTEME LUBRIFIANT OBTENU A PARTIR DE CET AGENT, METHODES DE FABRICATION ET D'UTILISATION DUDIT AGENT

(71) JET-LUBE, INC. [US/US]; PO Box 21258, 4849 Homestead Road, Houston, TX 77226-1258 (US).

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

(72, 75) JOSEPH, Anthony, W. [US/US]; 5023 Ventura Lane, Houston, TX 77021 (US). McDONALD, Herschel, B. [US/US]; 1160 Batchler Rd., Red Oak, 75154 (US). OLDIGES, Donald, A., Jr. [US/US]; 11819 Meadowview, Cypress, 77429-2722 (US).

(74) STROZIER, Robert, W.; P.O. Box 429, Houston, TX 77402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C10M 139/00, 159/12, C07F 5/04

(11) WO 2004/104146 (13) A1

(21) PCT/EP2004/050763

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/472,390 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BORATE ESTER LUBRICANT ADDITIVES

• ADDITIFS POUR LUBRIFIANTS A BASE D'ESTER DE BORATE

(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) LEVINE, Jeffrey A. [US/US]; 20 Herbert Ave, White Plains, New York 10606 (US). WU, Si [CN/US]; 6 Lawrence Dr., Apt D, White Plains, New York 10603 (US).

(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 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).

Published / Publiée : (c)

(51)⁷ C11D 1/34, 1/78

(11) WO 2004/104147 (13) A1

(21) PCT/GB2004/002188

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311783.5 22 May/mai 2003 GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AQUEOUS CLEANING COMPOSITIONS

• LESSIVES AQUEUSES

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, De Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).

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

(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(only for / seulement pour MN)

(72, 75) ROSIELLO, Francesca [IT/IT]; Reckitt Benckiser Italia, Piazza S. Nicolo 12/3, I-30034 Mira (IT). ZAMUNER, Dora [IT/IT]; Reckitt Benckiser Italia, Piazza S. Nicolo 12/3, I-30034 Mira (IT).

(74) BROWN, Andrew, Stephen et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(s) for all designations / pour toutes les
designations

(51)⁷ C11D 1/66

(11) WO 2004/104148 (13) A1

(21) PCT/EP2004/004258

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0311699.3 21 May/mai 2003 GB
(21.05.2003)

(30) 0311700.9 21 May/mai 2003 GB
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • USE OF SURFACE TENSION REDUC-
ING AGENTS IN A FABRIC TREAT-
MENT COMPOSITION

- UTILISATION D'AGENTS DE REDUC-
TION DE LA TENSION DE SURFACE
DANS UNE COMPOSITION DE TRAI-
TEMENT DE TISSUS

(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) BOARDMAN, Christopher [GB/GB];
Unilever R & D Port Sunlight, Quarry
Road East, Bebington, Wirral, Merseyside
CH63 3JW (GB). MCHATTIE, Gillian,
Sheila [GB/GB]; Unilever R & D Port Sun-
light, Quarry Road East, Bebington, Wirral,
Merseyside CH63 3JW (GB). TAYLOR,
Neil, Fletcher [GB/GB]; Unilever R & D
Port Sunlight, Quarry Road East, Bebington,
Wirral, Merseyside CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.;
Unilever Intellectual Property Group, Col-
worth House, Sharnbrook, Bedford, 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 C11D 1/72, 1/82

(11) WO 2004/104149 (13) A1

(21) PCT/EP2004/004260

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0311699.3 21 May/mai 2003 GB
(21.05.2003)

(30) 0311700.9 21 May/mai 2003 GB
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • USE OF NONIONIC SURFACTANT IN
A LAUNDRY TREATMENT COMPOSI-
TION

- UTILISATION D'UN TENSIOACTIF
NON IONIQUE DANS UNE COMPOSI-
TION DE TRAITEMENT DU LINGE

(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) BOARDMAN, Christopher [GB/GB];
Unilever R & D Port Sunlight, Quarry
Road East, Bebington, Wirral, Merseyside
CH63 3JW (GB). MCHATTIE, Gillian,
Sheila [GB/GB]; Unilever R & D Port Sun-
light, Quarry Road East, Bebington, Wirral,
Merseyside CH63 3JW (GB). SMALL,
Samantha [GB/GB]; Lever Faberge Ltd,
Lever Development Centre, P. O. Box 69,
Port Sunlight, Wirral, Merseyside CH62 4ZD
(GB). TAYLOR, Neil, Fletcher [GB/GB];
Unilever R & D Port Sunlight, Quarry Road
East, Bebington, Wirral, Merseyside CH63
3JW (GB).

(74) ELLIOTT, Peter et al. / etc.; Unilever In-
tellectual Property Group, Colworth House,
Sharnbrook, Bedford, 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 C11D 1/83, A61K 7/50

(11) WO 2004/104150 (13) A1

(21) PCT/EP2004/005404

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03011086.0 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FOAM-ENHANCING AGENT FOR
SURFACTANT MIXTURES

- AGENT AUGMENTANT LE POUVOIR
MOUSSANT POUR MELANGES TEN-
SIOACTIFS

(71) KAO CHEMICALS GMBH [DE/DE];
Kupferstrasse 1, 46446 Emmerich (DE).

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

(72, 75) DENZER, Horst [DE/DE]; Kao Chemi-
cals GmbH, Kuperstrasse 1, 46446 Emmerich
(DE). MICHAELSEN, Marco [DE/DE];
Kao Chemicals GmbH, Kupferstrasse 1,
46446 Emmerich (DE). MEIJER, Hamke
[NL/DE]; Kao Chemicals GmbH, Kupfer-
strasse 1, 46446 Emmerich (DE). ABE,
Hirosaki [JP/ES]; Kao Chemicals Europe
S.L., Puig dels Tudons, 10, E-08210 Barberà
del Vallès (ES).

(74) HOFFMANN . EITL; Arabellastrasse 4,
81925 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 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).

Published / Publiée : (c)

(51)⁷ C11D 1/83

(11) WO 2004/104151 (13) A1

(21) PCT/EP2004/005406

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03 011 086.0 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FOAM-ENHANCING AGENT FOR SURFACTANT MIXTURES

• AGENT AUGMENTANT LE POUVOIR MOUSSANT POUR MELANGES TEN-SIOACTIFS

(71) KAO CHEMICALS GMBH [DE/DE]; Kupferstrasse 1, 46446 Emmerich (DE).

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

(72, 75) DENZER, Horst [DE/DE]; Kao Chemicals GmbH, Kupferstrasse 1, 46446 Emmerich (DE). MICHAELSEN, Marco [DE/DE]; Kao Chemicals GmbH, Kupferstrasse 1, 46446 Emmerich (DE). MEIJER, Hamke [NL/DE]; Kao Chemicals GmbH, Kupferstrasse 1, 46446 Emmerich (DE). ABE, Hiroshi [JP/ES]; Kao Chemicals Europe S.L., Puig dels Tudons, 10, E-08210 Barberà del Vallès (ES).

(74) HOFFMANN . EITLE; Arabellastrasse 4, 81925 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 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).

Published / Publiée : (c)

(51)⁷ C11D 1/83, 3/02, 1/94 // 1:75, 1:22, 1:14, 1:29, 1:10, 1:66, 1:90

(11) WO 2004/104152 (13) A1

(21) PCT/US2004/013089

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/249,921 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH CAUSTIC FOAMING CONTACT CLEANER

• NETTOYANT CONTACT MOUSSANT HAUTEMENT CAUSTIQUE

(71) JOHNSON DIVERSEY, INC. [US/US]; 8310 16th Street - M/S 509, Sturtevant, WI 53177 (US).

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

(72, 75) ROUILLARD, Carol, Anne [US/US]; 160 Bares Run Drive, Loveland, OH 45140 (US). ROACH, Kenneth, J. [US/US]; 5536 Whitcomb Drive, Hamilton, OH 45011 (US).

(74) JOHNSON DIVERSEY, INC.; 8310 16th Street - M/S 509, Sturtevant, WI 53177 (US).

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

SY TJ 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 C11D 3/00

(11) WO 2004/104153 (13) A1

(21) PCT/KR2004/001207

(22) 20 May/mai 2004 (20.05.2004)

(25) ko (26) en

(30) 10-2003-0032478 22 May/mai 2003 KR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANUFACTURING METHOD OF LIQUID LAUNDRY DETERGENT WITH NANO-SIZED SILVER COLLOID

• PROCÉDE DE FABRICATION DE DETERGENT A LESSIVE LIQUIDE AVEC COLLOIDE A BASE DE NANOPARTICULES D'ARGENT

(71) NEB TECHNOLOGIES CO., LTD [KR/KR]; 201-4, 3da Sihwagongdan, 1276, Jungwang-dong, Siheung-si, Gyeonggi-do 429-450 (KR).

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

(72, 75) KIM, Kyoung-Nam [KR/KR]; 502, 1195-1, Jungwang-dong, Siheung-si, Gyeonggi-do 429-450 (KR).

(74) LEE, Jong-Young et al. / etc.; 2F, Song-Gangwon Bldg., 827-49, Yeoksam-1dong, Gangnam-gu, Seoul 135-935 (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 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 C11D 3/12

(11) WO 2004/104154 (13) A2

(21) PCT/EP2004/005220

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 103 23 840.9 23 May/mai 2003 DE (23.05.2003)

(30) 10 2004 002 355.7 15 Jan/jan 2004 DE (15.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PULVERULENT MIXTURE COMPRISING HYDROGEN PEROXIDE AND HYDROPHOBIZED SILICON DIOXIDE

• MELANGE PULVERULENT COMPRENANT DU PEROXYDE

D'HYDROGENE ET DU DIOXYDE DE SILICIUM HYDROPHOBE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

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

(72, 75) HASENZAHN, Steffen [DE/DE]; Hochstädter Landstrasse 113, 63454 Hanau (DE). RIEDEMANN, Heike [DE/DE]; Im Geiersrainweg 2c, 63776 Mömbris (DE). WALZER, Egon [DE/DE]; Am Bornberg 9, 63477 Maintal (DE). BRANDNER, Friedhelm [DE/DE]; Seeweg 56b, 63906 Erlenbach (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 DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU 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 C11D 3/39, 3/02, 3/10, 17/06

(11) WO 2004/104155 (13) A1

(21) PCT/EP2004/050766

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 03101450.9 21 May/mai 2003 EP (21.05.2003)

(30) 04100105.8 15 Jan/jan 2004 EP (15.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STABLE PARTICULATE COMPOSITION COMPRISING BLEACH CATALYSTS

• COMPOSITION PARTICULAIRE STABLE COMPRENANT DES CATALYSEURS DE BLANCHIMENT

(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) HAZENKAMP, Menno [NL/CH]; Obere Weid 10, CH-4125 Riehen (CH). KVITA, Petr [CH/CH]; Binnerstrasse 4D, CH-4153 Reinach (CH). NAGEL, Johannes [DE/DE]; Hauptstrasse 115, 79739 Schwörstadt (DE). BERTRAM, Heinz-Udo [DE/DE]; Lenbachstrasse 9, 79618 Rheinfelden (DE). DREYER, Pierre [FR/FR]; rue de l'Alma 4, F-68740 Blodelsheim (FR). WEINGARTNER, Peter [CH/CH]; Hauptstrasse 87, CH-4457 Diegten (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 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 C11D 3/395, 3/08, 3/06

(11) WO 2004/104156 (13) A1

(21) PCT/US2004/015473

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/440,963 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BATHROOM CLEANING COMPOSITION

• COMPOSITION DE NETTOYAGE
POUR SALLES DE BAINS

- (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) MERCADO, Hedeliza, Malonzo
[CA/CA]; 19 Cromwell Road, Scarbor-
ough, Ontario M1J 3N1 (CA).

- (74) PARK, Ellen, K.; COLGATE-PALMOLIVE
COMPANY, 909 River Road, P.O. Box 1343,
Piscataway, NJ 08855-1343 (US).

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ C11D 3/395, 3/50

(11) WO 2004/104157 (13) A1

(21) PCT/US2004/015483

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/440,924 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BLEACH ODOR REDUCING CHLO-
RINE BLEACH COMPOSITION

- COMPOSITION BLANCHISSANTE AU
CHLORE ATTENUANT LES ODEURS
DE JAVELLISANT

- (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) MERCADO, Hedeliza, Malonzo
[CA/CA]; 19 Cromwell Road, Scarborough,
Ontario M1J 3N1 (CA). LALLEMANT,
Colette [FR/FR]; 91 Rue Gambetta, F-92500
Rueil-Malmaison (FR). BOUDOT, Pierre
[FR/FR]; 19 Rue De Versailles, F-91400
Orsay (FR). LABOWS, John, N. [US/US];
631 Colonial Drive, Horsham, Pennsylvania
19044 (US).

- (74) PARK, Ellen, K.; COLGATE-PALMOLIVE
COMPANY, 909 River Road, P.O. Box 1343,
Piscataway, New Jersey 08855-1343 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ C11D 17/00, 3/37

(11) WO 2004/104158 (13) A1

(21) PCT/EP2004/005517

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 180.3 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • MIXTURE, COMPRISING A SURFAC-
TANT AND A COSURFACTANT

• MELANGE COMPRENANT UN TEN-
SIO-ACTIF ET UN CO-TENSIO-ACTIF

- (71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

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

- (72, 75) MOCK-KNOBLAUCH, Cordula
[DE/DE]; Faberstr. 37, 67063 Ludwigshafen
(DE). WAGNER, Norbert [DE/DE];
Frankenstr. 6, 67112 Mutterstadt (DE).
OETTER, Günter; Hans-von-Marees-Str.
21, 67227 Frankenthal (DE). VÖLKEL,
Ludwig [DE/DE]; Mainstr. 2, 67117 Lim-
burgerhof (DE). PETROVIC, SUSANNE
[DE/DE]; BGM Jäger Str. 1/6, 69214
Eppelheim (DE). FECHTENKÖTTER,
Andreas [DE/DE]; Carl-Auer-Str. 14, 67063
Ludwigshafen (DE). CHRISSTOFFELS,
Lysander [DE/DE]; Chenover Str. 2, 67117
Limburgerhof (DE). KLÜGLEIN, Matthias

[DE/DE]; Ellerstadter Str. 81, 67071 Lud-
wigshafen (DE). BECKER, Stefan [DE/DE];
Lange Rötterstr. 102, 68167 Mannheim (DE).

- (74) HÖRSCHLER, Wolfram, J. et al. / etc.;
Isenbruck Bösl Hörschler Wichmann Huhn,
Theodor-Heuss-Anlage 12, 68165 Mannheim
(DE).

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

Published / Publiée : (c)

(51)⁷ C12M 3/00, C12N 5/06

(11) WO 2004/104159 (13) A1

(21) PCT/IB2003/002153

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND APPARATUS FOR
MECHANICAL STIMULATION OF
TISSUE IN VITRO

• PROCEDE ET APPAREIL POUR LA
STIMULATION MECANIQUE DES
TISSUS IN-VITRO

- (71, 72) HÄUSELMANN, Hans, Jörg
[CH/CH]; Bellariastrasse 38, CH-8038
Zürich (CH).

- (72, 75) MUSER, Markus [CH/CH]; Seestrasse
79, CH-8820 Wädenswil (CH). NIEDERER,
Peter [CH/CH]; Nordstrasse 366, CH-8037
Zürich (CH). STODDART, Martin
[GB/CH]; Zwängiweg 13, CH-8038 Zürich
(CH). HEDBOM, Erik [SE/CH]; Kronen-
strasse 34, CH-8006 Zürich (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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, B01D 46/10, A61L 9/01

(11) WO 2004/104160 (13) A1

(21) PCT/US2004/015706

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,624 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS, APPARATUSES, AND RE-
ACTORS FOR GAS SEPARATION• PROCEDES, APPAREILS ET REAC-
TEURS DE SEPARATION DE GAZ(71, 72) TRACHTENBERG, Michael [US/US];
19 Laurel Wood Drive, Lawrenceville, NJ
08645 (US).(74) BOOKS, Glen, E.; Lowenstein Sander PC,
65 Livingston Avenue, Roseland, NJ 07068
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Published / Publiée : (c)

(51)⁷ C12N

(11) WO 2004/104161 (13) A2

(21) PCT/IL2004/000429

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/441,281 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR IDEN-
TIFYING NATURALLY OCCURRING
ANTISENSE TRANSCRIPTS AND
METHODS, KITS AND ARRAYS UTI-
LIZING SAME• PROCEDES ET SYSTEMES PERMET-
TANT D'IDENTIFIER DES TRANS-
CRIPTIONS ANTISENS AYANT LIEU
NATURELLEMENT ET PROCEDES,
KITS ET ESSAIS METTANT EN
OEUVRE CEUX-CI(71) COMPUGEN LTD. [IL/IL]; 72 Pinchas
Rosen Street, 69 512 Tel Aviv (IL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LEVANON, Erez [IL/IL]; 73 Menachem
Begin Street, 49732 Petach Tikva (IL). POL-
LOCK, Sarah [IL/IL]; 16 Hoshea Street,
Apt. 2, 63 506 Tel Aviv (IL). NEMZER,
Sergey [IL/IL]; 5 HaRenanim Street, 52
595 Ramat Gan (IL). SHOSHAN, Avi
[IL/IL]; 2/4 Rachavat Har Sinai Street, 82
000 Kiryat Gat (IL). KHOSRAVI, Rami
[IL/IL]; 36/1 Halevi Street, 46490 Herzlia
(IL). WALACH, Shira [IL/IL]; 40 Bnei Brit
Street, 45 265 Hod HaSharon (IL). LEVINE,
Zurit [IL/IL]; 4 Reihan Street, 46 419 Her-
zlia (IL). BERNSTEIN, Jeanne [IL/IL];
23 Harimon Street, 40 300 Kfar Yona (IL).DAHARY, Dvir [IL/IL]; 23 Pinkas Street,
62 662 Tel Aviv (IL). WASSERMAN, Alon
[IL/US]; 564 First Avenue, Apt. 13a, New
York, NY 10016 (US). ROTMAN, Galit
[IL/IL]; 5 Yair Shtern Street, 46 412 Herzlia
(IL).(74) G.E. EHRLICH (1995) LTD.; 11 Men-
achem Begin Street, 52 521 Ramat Gan (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 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 C12N

(11) WO 2004/104162 (13) A2

(21) PCT/IL2004/000431

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,433 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS OF INCREASING ABI-
OTIC STRESS TOLERANCE AND/OR
BIOMASS IN PLANTS AND PLANTS
GENERATED THEREBY• PROCEDES D'AUGMENTATION DE
LA TOLERANCE DU STRESS ABIO-
TIQUE DES PLANTES ET PLANTES
AINSI PRODUITES(71) EVOGENE LTD. [IL/IL]; 13 Gad Finstein
Street, 76 121 Rehovot (IL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RONEN, Gil [IL/IL]; 39 Mivtza Danny
Street, 84 456 Beer-Sheva (IL). GOLAN,
Ezekiel [IL/IL]; 12a Bnei Moshe Street,
69 703 Ramat Gan (IL). KARCHI, Hagai
[IL/IL]; Sapir, No. 249, Moshav Sitriya, 76
834 Doar Na Emek Soreq (IL). MEISSNER,
Rafael [IL/IL]; 11 Halevona Street, 76 350
Rehovot (IL).(74) G. E. EHRLICH (1995) LTD.; 11 Men-
achem Begin Street, 52 521 Ramat-Gan (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 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 C12N

(11) WO 2004/104163 (13) A2

(21) PCT/JP2004/007155

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-144622 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF α -SELECTIVE GLYCO-
SYLATION• PROCEDE DE GLYCOSYLATION
\$G(A)\$-SELECTIVE(71) JAPAN SCIENCE AND TECHNOL-
OGY AGENCY [JP/JP]; 4-1-8, Honcho,
Kawaguchi-shi, Saitama 332-0012 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ANDO, Hiromune [JP/JP]; Jukouen
203, 3-17, Kayabacho, Gifu-shi, Gifu
502-0937 (JP). IMAMURA, Akihiro
[JP/JP]; Esutetopia 88 4A, 1-3, Fukasaka,
Gifu-shi, Gifu 501-1116 (JP). KISO, Makoto
[JP/JP]; 57-47, Monju, Motosu-cho, Mo-
tosu-gun, Gifu 501-1203 (JP). ISHIDA,
Hideharu [JP/JP]; Daiaparesu 403, 2-2,
Hikarimachi, Gifu-shi, Gifu 502-0901 (JP).(74) KITAGAWA, Osamu; Kitagawa Patent
Law Firm, Third Floor, Fujigaoka, No.2
Asahi Bldg., 7, Fujimigaoka, Meito-ku,
Nagoya-shi, Aichi 465-0048 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C12N

(11) WO 2004/104164 (13) A2

(21) PCT/US2004/012761

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/437,695 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR
PREPARING CELL SAMPLES FOR
INTRACELLULAR ANTIGEN DETEC-
TION USING FLOW CYTOMETRY• METHODE ET APPAREIL PERMET-
TANT DE PREPARER DES ECHAN-
TILLONS CELLULAIRES POUR DE-
TECTER DES ANTIGENES INTRA-
CELLULAIRES PAR CYTOMETRIE EN
FLUX(71) BECKMAN COULTER, INC. [US/US];
4300 N. Harbor Blvd., Mail Code A-42-C,
Fullerton, CA 92834 (US).

(72) RUBIO, Oilda; 13710 S.W. 18 Street, Miami, FL 33175 (US). APARICIO, Carlos; 10940 S.W. 141 Avenue, Miami, FL 33186 (US). MAPLES, John, A.; 958 N.E. 91 Terrace, Miami, FL 33138 (US). WILKINSON, Julie; 49 Whitehead Circle, Fort Lauderdale, FL 33326 (US). SMITH, Cecilia; 11022 S.W. 147 Place, Miami, FL 33196 (US). LUCAS, Frank, J.; 2143 Bethel Boulevard, Boca Raton, FL 33432 (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 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 C12N

(11) WO 2004/104165 (13) A2

(21) PCT/US2004/013488

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/471,435 16 May/mai 2003 US (16.05.2003)

(30) 10/454,125 3 Jun/juin 2003 US (03.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • URA5 GENE AND METHODS FOR STABLE GENETIC INTEGRATION IN YEAST

• GENE URA5 ET PROCEDE PERMETTANT L'INTEGRATION STABLE DE GENES DANS DES LEVURES

(71) GLYCOFI, INC. [US/US]; 21 Lafayette Street, Suite 200, Lebanon, NH 03766 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NETT, Juergen, H. [DE/US]; 28 Old Spring Drive, Grantham, NH 03753 (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 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).

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 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)

(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 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); (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 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 C12N

(11) WO 2004/104166 (13) A2

(21) PCT/US2004/014260

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/469,062 7 May/mai 2003 US (07.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS FOR FACILITATING RECOVERY OF FUNCTIONS OF ENDOGENOUS OR IMPLANTED OR TRANSPLANTED STEM CELLS USING HIGH MOLECULAR WEIGHT HYALURONIC ACID

• METHODES PERMETTANT DE FACILITER LA RECUPERATION DE FONCTIONS DE CELLULES SOUCHES ENDOGENES, IMPLANTEES OU TRANSPLANTEES AU MOYEN D'UN ACIDE HYALURONIQUE DE POIDS MOLECULAIRE ELEVE

(71) LA JOLLA INSTITUTE FOR MOLECULAR MEDICINE [US/US]; 4570 Executive Drive, Suite 100, San Diego, CA 92121 (US). (for all designated States except / pour tous les États désignés sauf US)

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(74) JURGENSEN, Thomas, E.; Catalyst Law Group, APC, 4330 La Jolla Village Drive, Suite 220, 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 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 C12N

(11) WO 2004/104167 (13) A2

(21) PCT/US2004/014542

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 60/468,677 7 May/mai 2003 US (07.05.2003)

(30) 60/484,209 30 Jun/juin 2003 US (30.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A Δ -12 DESATURASE GENE SUITABLE FOR ALTERING LEVELS OF POLYUNSATURATED FATTY ACIDS IN OLEAGINOUS YEASTS

• GENE DE Δ -12 DESATURASE APPROPRIÉ POUR DIFFÉRENTS NIVEAUX DE DEGRADATION D'ACIDES GRAS POLYINSATURÉS DANS DES LEVURES OLEAGINEUSES

(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) YADAV, Narendra, S. [US/US]; 3704 Knole Lane, Chadds Ford, PA 19348 (US). ZHANG, Hongxiang [US/US]; 3808 Rotherfield Lane, Chadds Ford, PA 19317 (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 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 C12N
- (11) WO 2004/104168 (13) A2
- (21) PCT/US2004/014964
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/470,675 14 May/mai 2003 US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MRBS AS MODIFIERS OF THE RB
PATHWAY AND METHODS OF USE
- MRB UTILISES COMME MODIFICA-
TEURS DE LA VOIE DES RB ET PRO-
CEDES D'UTILISATION CORRESPON-
DANTS
- (71) EXELIXIS, INC. [US/US]; P.O. Box 511,
170 Harbor Way, South San Francisco, CA
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les États désignés sauf US)*
- (72, 75) FRANCIS-LANG, Helen [GB/US];
1782 Pacific Avenue, #2, San Francisco,
CA 94109 (US). EDGAR, Kyle, Andrew
[US/US]; 1205 Talbot Avenue, Berkeley,
CA 94706 (US). ADAMKEWICZ, Joanne,
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Francisco, CA 94107 (US). LICKTEIG,
Kim [US/US]; 1921 Grove Street, San Fran-
cisco, CA 94117 (US).
- (74) SHAYESTEH, Laleh et al. / etc.; Exelixis,
Inc., P.O. Box 511, 170 Harbor Way, South
San Francisco, CA 94083-0511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C12N
- (11) WO 2004/104169 (13) A2
- (21) PCT/US2004/015099
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/470,799 14 May/mai 2003 US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IDENTIFICATION AND USE OF
GENES ENCODING HOLINS AND
HOLIN-LIKE PROTEINS IN PLANTS
FOR THE CONTROL OF MICROBES
AND PESTS
- IDENTIFICATION ET UTILISATION
DE GENES CODANT DES PROTEINES
HOLINES ET DU TYPE HOLINE
DANS LES PLANTES POUR LUT-
TER CONTRE LES MICROBES ET LES
PARASITES
- (71) INTEGRATED PLANT GENETICS,
INC. [US/US]; 12085 Research Drive,
Alachua, FL 32615 (US). UNIVERSITY
OF FLORIDA RESEARCH FOUNDA-
TION, INC. [US/US]; 223 Grinter Hall,
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les États désignés sauf US)*
- (72, 75) RAMADUGU, Chandrika [IN/US];
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32606 (US). GABRIEL, Dean, William
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FL 32653 (US).
- (74) VEITENHEIMER, Erich, E. et al. / etc.;
Morgan, Lewis & Bokius LLC, 1111 Pennsylv-
ania 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 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 C12N
- (11) WO 2004/104170 (13) A2
- (21) PCT/US2004/015141
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/470,022 13 May/mai 2003 US
(13.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • TOOLS FOR DETECTING
MORAXELLA CATARRHALIS.
- OUTILS POUR DETECTER LA BACTE-
RIE MORAXELLA CATARRHALIS
- (71) THE RESEARCH FOUNDATION OF
STATE UNIVERSITY OF NEW YORK
[US/US]; UB Technology Incubator, Suite
111, 1576 Sweet Home Road, Amherst, NY
14228 (US).
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les États désignés sauf US)*
- (71) LUCK, Nicole [US/US]; 1794 Plank Road,
Webster, NY 14580 (US). FURANO, Kristin
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Amherst, NY 14228 (US). HOWLETT,
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- (72, 75) CAMPAGNARI, Anthony, A.; 4552
Hidden Hollow Road, Hamburg, NY 14075
(US).
- (74) LOPINSKI, John, D. et al. / etc.; Hodgson
Russ LLP, One M & T Plaza, Suite 2000, Buf-
falo, 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.
-
- (51)⁷ C12N
- (11) WO 2004/104171 (13) A2
- (21) PCT/US2004/015145
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/470,766 14 May/mai 2003 US
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RANBP2 AS MODIFIER OF THE
PTEN/IGF PATHWAY AND METH-
ODS OF USE
- RANBP2 CONSTITUANT UN MODIFI-
CATEUR DE LA VOIE PTEN/IGF ET
METHODES D'UTILISATION
- (71) EXELIXIS, INC. [US/US]; P.O. Box 511,
170 Harbor Way, South San Francisco, CA
94083-0511 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SONG, Chunyan [CN/US]; 95 Behr
Avenue, San Francisco, CA 94131 (US).
OLLMANN, Michael, Martin [US/US];
8 Odessa Court, Redwood City, CA 94063
(US). LICKTEIG, Kim [US/US]; 1921
Grove Street, San Francisco, CA 94117 (US).
- (74) SHAYESTEH, Laleh et al. / etc.; Exelixis,
Inc., P.O. Box 511, 170 Harbor Way, South
San Francisco, CA 94083-0511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C12N
- (11) WO 2004/104172 (13) A2
- (21) PCT/US2004/015224
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 60/470,806 15 May/mai 2003 US
(15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • HYBRIDIZATION-MEDIATED ANAL-
YSIS OF POLYMORPHISMS

- ANALYSE DE POLYMORPHISMES INDUITE PAR HYBRIDATION
- (71) **BIOARRAY SOLUTIONS, LTD.** [US/US]; 35 Technology Drive, Warren, NJ 07059 (US).
- (72) **HASHMI, Ghazala**; 56 Telegraph Hill Road, Holmdel NJ 07733 (US). **SEUL, Michael**; 84 Pleasant Avenue, Fanwood, NJ 07023 (US).
- (74) **MIRABEL, Eric**; Bioarrays, 35 Technology Drive, Warren, NJ 07059 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 C12N
- (11) **WO 2004/104174** (13) A2
- (21) PCT/US2004/015286
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 60/471,007 **16 May/mai 2003** US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • POLYUBIQUITIN RUBI3 PROMOTER AND 5' REGULATORY SEQUENCES
- PROMOTEUR DU GENE <I>RUBI</I>3 DE LA POLYUBIQUITINE ET SEQUENCES REGULATRICES 5'
- (71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 2401 Research Drive, Campus Box 8210, Raleigh, NC 27695-8210 (US).
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- (72, 75) **ELUMALAI, Sivamani** [IN/US]; 2108 Star Sapphire Drive, Raleigh, NC 27610 (US). **QU, Rongda** [US/US]; 103 Hounslow Ct., Cary, NC 27511 (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 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 C12N
- (11) **WO 2004/104173** (13) A2
- (21) PCT/US2004/015258
- (22) **17 May/mai 2004 (17.05.2004)**
- (25) en (26) en
- (30) 60/471,068 **16 May/mai 2003** US (16.05.2003)
- (30) 60/559,730 **5 Apr/avr 2004** US (05.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • Ovr115 ANTIBODY COMPOSITION AND METHODS OF USE
- COMPOSITIONS D'ANTICORPS OVR115 ET PROCEDES D'UTILISATION
- (71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).
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- (72, 75) **PILKINGTON, Glenn** [AU/US]; 13 Lilly Lane, San Carlos, CA 94070 (US). **KELLER, Gilbert-Andre** [US/US]; 22325 Carmelita Avenue, Belmont, CA 94002 (US). **LI, Wenlu** [US/US]; 843 Stonegate Drive, South San Francisco, CA 94080 (US). **CORRAL, Laura** [US/US]; 1052 Cole Street, San Francisco, CA 94117 (US). **SIMON, Iris** [DE/US]; 278 Precita Avenue, San Francisco, CA 94110 (US).
- (74) **LICATA, Jane, Massey et al.** / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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.
-
- (51)⁷ C12N
- (11) **WO 2004/104175** (13) A2
- (21) PCT/US2004/015378
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 60/470,807 **14 May/mai 2003** US (14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROBIOTIC BACTERIA AND METHODS
- BACTERIES PROBIOTIQUES ET TECHNIQUES
- (71) **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; DW Brooks Drive, Athens, GA 30602 (US).
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- (72, 75) **LEE, Margie, D.** [US/US]; 1410 Calls Creek Circle, Watkinsville, GA 30677 (US). **HARMON, Barry** [US/US]; 110 Hillsborough Drive, Athens, GA 30606 (US). **HOFACRE, Charles, L.** [US/US]; 1061 Hale Road, Watkinsville, GA 30677 (US).
- (74) **FERBER, Donna, M. et al.** / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 C12N
- (11) **WO 2004/104176** (13) A2
- (21) PCT/US2004/015404
- (22) **17 May/mai 2004 (17.05.2004)**
- (25) en (26) en
- (30) 60/470,947 **15 May/mai 2003** US (15.05.2003)
- (30) 60/471,615 **19 May/mai 2003** US (19.05.2003)
- (30) 60/472,242 **21 May/mai 2003** US (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR THE IDENTIFICATION OF INHIBITORS OF ORNITHINE CARBAMOYLTRANSFERASE, KETO-ACID REDUCTOISOMERASE, AND FUNGAL PATHOGENICITY-CONFERRING GENE AS ANTIBIOTICS
- METHODE D'IDENTIFICATION D'INHIBITEURS DE L'ORNITHINE CARBAMOYLTRANSFERASE, DE LA CETOL-ACIDE REDUCTOISOMERASE, ET DU GENE CONFERANT LA PATHOGENICITE FONGIQUE UTILISES COMME ANTIBIOTIQUES
- (71) **PARADIGM GENETICS, INC.** [US/US]; 108 Alexander Drive, Post Office Box 14528, Research Triangle Park, NC 27709-4528 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANZER, Matthew, M.** [US/US]; 6 Drakesway Court, Durham, NC 27713 (US). **HAMER, Lisbeth** [DK/US]; 3414 Colony Road, Durham, NC 27707 (US). **ADACHI, Kiichi** [JP/JP]; 3-6-43-602 Senbanishi, MINO, Osaka 542-0036 (JP). **DEZWAAN, Todd, M.** [US/US]; 2216 Colony Woods Drive, Apex, NC 27502 (US). **LO, Sze-Chung, C.** [—/CN]; 2308 LeeHang House, Shun Lee Estate, Hong Kong (HK). **MONTENEGRO-CHAMORRO, Maria, V.** [CO/US]; 2324 Winter Walk Circle, Morrisville, NC 27560 (US). **DARVEAUX, Blaise, A.** [US/US]; 104 Bonparte Drive, Hillsborough, NC 27278 (US). **FRANK,**

Sheryl, A. [US/US]; 600 Mahone Street, #11, Durham, NC 27713 (US). **HEINIGER, Ryan, W.** [US/US]; 1901 Trailwood Hgts, Apt. 101, Raleigh, NC 27603 (US). **MA-HANTY, Sanjoy, K.** [IN/US]; 514 Highgrove Drive, Chapel Hill, NC 27516 (US). **PAN, Huaqin** [US/US]; 2203 Henniker Street, Apex, NC 27502 (US). **COVINGTON, Amy, S.** [US/US]; 3301 Pincerest Drive, Raleigh, NC 27709 (US). **TARPEY, Rex** [US/US]; 1911 Housatonic Lane, Apex, NC 27502 (US). **SHUSTER, Jeffrey, R.** [US/US]; 110 Graylyn Drive, Chapel Hill, NC 27615 (US).

(74) **KIEFER, Laura, L.**; Paradigm Genetics, Inc., 108 Alexander Drive, Post Office Box 14528, Research Triangle Park, NC 27709-4528 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N

(11) **WO 2004/104177** (13) A2

(21) PCT/US2004/015412

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/470,645 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS FOR LOCALIZING TARGET MOLECULES IN A FLOWING FLUID SAMPLE

• PROCEDES DE LOCALISATION DE MOLECULES CIBLES DANS UN ECHANTILLON DE FLUIDE EN ECOULEMENT

(71) **INTEGRATED NANO-TECHNOLOGIES, LLC** [US/US]; 999 Lehigh Station Road, Suite 200, Henrietta, NY 14467-9311 (US).

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(72) **CONNOLLY, Dennis, M.**; 289 Hollywood Avenue, Rochester, NY 14618 (US).

(74) **GOLDMAN, Michael, L et al. / etc.**; Nixon Peabody LLP, Clinton Square, P.O.Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N

(11) **WO 2004/104178** (13) A2

(21) PCT/US2004/015457

(22) **15 May/mai 2004 (15.05.2004)**

(25) en (26) en

(30) 60/471,509 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EFFICIENT HAPLOID CELL SORTING FOR FLOW CYTOMETER SYSTEMS

• TRI EFFICACE DE CELLULES HAPLOIDES POUR SYSTEMES DE CYTOMETRIE EN FLUX

(71) **XY, INC.** [US/US]; 1108 North Lemay Avenue, Fort Collins, CO 80524 (US).

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(72, 75) **EVANS, Kenneth, M.** [US/US]; 3206 Liesl Court, College Station, TX 77845-6311 (US). **GILLIGAN, Thomas, B.** [US/US]; 1856 Michael Lane, Fort Collins, CO 80526 (US). **SUH, Tae Kwang** [KR/US]; 3344 Golden Currant Blvd., Fort Collins, CO 80521 (US). **COX, Todd, A.** [US/US]; 1417 Pikes Peak Avenue, Fort Collins, CO 80524 (US).

(74) **RESSUE, Nicole, A.**; Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N

(11) **WO 2004/104179** (13) A2

(21) PCT/US2004/015463

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/470,899 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ISOLATING AND CLONING HIGH MOLECULAR WEIGHT POLYNUCLEOTIDE MOLECULES FROM THE ENVIRONMENT

• PROCEDE POUR ISOLER ET CLONER DES MOLECULES DE POLYNUCLEOTIDES DE POIDS MOLECULAIRE ELEVE A PARTIR DE L'ENVIRONNEMENT

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, Wisconsin 53707-7365 (US).

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(74) **LI, Kening**; Crowell & Moring LLP, Intellectual Property Group, P.O. Box 14300, Washington, DC 20044-4300 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N

(11) **WO 2004/104180** (13) A2

(21) PCT/US2004/015524

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,904 **20 May/mai 2003 US (20.05.2003)**

(30) 60/527,083 **3 Dec/déc 2003 US (03.12.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GENES ENCODING CAROTENOID COMPOUNDS

• GENES CODANT POUR DES COMPOSES CAROTENOIDES

(71) **E.I. DU PONT DE NEMOURS & COMPANY** [US/US]; 1007, Market Street, Wilmington, DE 19898 (US).

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(72, 75) **CHENG, Qiong** [CN/US]; 4 Collins Drive, Wilmington, DE 19803 (US). **TAO, Luan** [CN/US]; 733 Naamans Road, Apartment 23 F, Claymond, DE 19703 (US).

(74) **FELTHAM, S., Neil**; 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 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 C12N

(11) WO 2004/104181 (13) A2

(21) PCT/US2004/015611

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,895 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NUCLEIC ACID PROCESSING METH-
ODS, KITS AND DEVICES

• PROCEDES, TROUSSES ET DISPOS-
TIFS DE TRAITEMENT D'ACIDES NU-
CLEIQUES

(63) US 60/471,895 (CON)
19 May/mai 2003 (19.05.2003)

(71) BRANDEIS UNIVERSITY [US/US]; 415
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(74) HONE, William, J.; Fish & Richardson P.C.,
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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 C12N 1/20, A23J 3/10, 3/34, C07K 14/47,
C12P 21/06, A61K 38/55, A61P 9/12 //
(C12N 1/20, C12R 1:46) (C12P 21/06,
C12R 1:46)

(11) WO 2004/104182 (13) A1

(21) PCT/ES2004/000227

(22) 20 May/mai 2004 (20.05.2004)

(25) es (26) es

(30) P 2003 01186 21 May/mai 2003 ES
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BIOACTIVE PEPTIDE-PRODUCING
STRAINS OF ENTEROCOCCUS FAE-
CALIS, BIOACTIVE PEPTIDES AND
APPLICATIONS THEREOF

• SOUCHES DE ENTEROCOCCUS FAE-
CALIS PRODUISANT DES PEPTIDES
BIOACTIFS, CES PEPTIDES BIOAC-
TIFS ET LEURS APPLICATIONS

(71) GRUPO LECHE PASCUAL, S.A.
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(74) FERNANDEZ-VEGA FEIJOO, Maria; C/
Joaquin Costa, 51 Esc. Dcha. 2^a A, E-28002
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 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 C12N 5/00

(11) WO 2004/104183 (13) A2

(21) PCT/CH2004/000312

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) PCT/IB03/02153 23 May/mai 2003 IB
(23.05.2003)

(30) PCT/IB03/03481 29 Jul/juil 2003 IB
(29.07.2003)

(30) PCT/IB03/03455 30 Jul/juil 2003 IB
(30.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE IN VITRO PRO-
DUCTION OF CARTILAGE-LIKE TIS-
SUE

• PROCEDE DE PRODUCTION <I>IN VI-
TRO</I> DE TISSU DE TYPE CARTI-
LAGE

(71, 72) HÄUSELMANN, Hans, Jörg
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(72, 75) STODDART, Martin [GB/CH];
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(74) E. BLUM & CO.; Vorderberg 11, CH-8044
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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 C12N 5/00, 15/09

(11) WO 2004/104184 (13) A1

(21) PCT/JP2004/007227

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142303 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PREPARATION OF ENDODERMAL
STEM CELLS

• PREPARATION DE CELLULES
SOUCHES ENDODERMIQUES

(71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi,
Saitama, 3510198 (JP).

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(72, 75) NISHIKAWA, Shinichi [JP/JP];
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(74) KAWAMIYA, Osamu et al. / etc.;
AOYAMA & PARTNERS, IMP Building.,
3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi,
Osaka, 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 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 C12N 5/00, 5/02, 5/08, A61K 35/26, 35/28

(11) WO 2004/104185 (13) A1

(21) PCT/US2003/041212

(22) 19 Dec/déc 2003 (19.12.2003)

(25) en (26) en

(30) 60/469,122 8 May/mai 2003 US
(08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GENERATION AND ISOLATION OF ANTIGEN-SPECIFIC T CELLS

• GENERATION ET ISOLEMENT DE LYMPHOCYTES T SPECIFIQUES DE L'ANTIGENE

(71) XCYTE THERAPIES, INC. [US/US]; 1124 Columbia Street, Suite 130, Seattle, WA 98104 (US).

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(74) URVATER, Julie, A. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N 5/02

(11) WO 2004/104186 (13) A1

(21) PCT/US2004/015597

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/470,937 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RESTRICTED GLUCOSE FEED FOR ANIMAL CELL CULTURE

• ALIMENTATION DE GLUCOSE RESTREINTE POUR CULTURE DE CELLULES ANIMALES

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(74) MANDRA, Raymond, R. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N 5/06 // A61L 27/60, C12M 3/00

(11) WO 2004/104187 (13) A1

(21) PCT/JP2004/006746

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-146110 23 May/mai 2003 JP (23.05.2003)

(30) 2003-146130 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIBROBLAST AND METHOD OF CULTURING THE SAME

• FIBROBLASTE ET SA METHODE DE CULTURE

(71) M.D. Bio, Inc. [JP/JP]; 3rd Floor, Sun-Park Ebisu, 16-5, Higashi 3-chome, Shibuya-ku, Tokyo, 1500011 (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 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 C12N 5/08, A61K 35/32, A61L 27/38, A61P 19/00

(11) WO 2004/104188 (13) A1

(21) PCT/IB2003/003455

(22) 30 Jul/juil 2003 (30.07.2003)

(25) en (26) en

(30) PCT/IB03/02153 23 May/mai 2003 IB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE IN VITRO PRODUCTION OF CARTILAGE-LIKE TISSUE

• PROCEDE POUR LA PRODUCTION IN-VITRO DE TISSU CARTILAGINOIDE

(71, 72) HÄUSELMANN, Hans, Jörg [CH/CH]; Bellariastrasse 38, CH-8038 Zürich (CH).

(72, 75) STODDART, Martin [GB/CH]; Zwängiweg 13, CH-8038 Zürich (CH). HEDBOM, Erik [SE/CH]; Kronenstrasse 34, CH-8006 Zürich (CH).

(74) E. BLUM & CO.; Vorderberg 11, CH-8044 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 C12N 7/00, 15/41, C07K 16/10, A61K 39/125, C12Q 1/70, C07K 14/085, G01N 33/569, C12Q 1/68, C12N 5/10, 15/86

(11) WO 2004/104189 (13) A1

(21) PCT/NL2004/000184

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 03076529.1 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NEW ENTEROVIRUS, VACCINES, MEDICAMENTS AND DIAGNOSTIC KITS

• NOUVEL ENTEROVIRUS, VACCINS, MEDICAMENTS ET COFFRETS DIAGNOSTIQUES

(71) AMSTERDAM INSTITUTE OF VIRAL GENOMICS B.V. [NL/NL]; Meibergdreef 59, NL-1105 BA Amsterdam (NL).

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(72, 75) MAAS, Henriette, Catharina, Gerarda, Irene, Martina [NL/NL]; Slikkerveerstraat 43-44, NL-1107 VK Amsterdam (NL). MANG, Rui [CN/NL]; Godfried Bomansstraat 35, NL-1321 BG Almere (NL). VAN DEN BROEK, Petrus, Johannes, Maria [NL/NL]; Ouddiemerlaan 74, NL-1111 HK Diemen (NL).

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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 C12N 7/02, 15/861

(11) WO 2004/104190 (13) A2

(21) PCT/US2004/015009

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,278 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND COMPOSITIONS FOR THE PRODUCTION OF ADENOVIRAL VECTORS

• METHODES ET COMPOSITIONS DE PRODUCTION DE VECTEURS ADENOVIRAUX

(63) US 10/439,278 (CIP) 15 May/mai 2003 (15.05.2003)

(71) INTROGEN THERAPEUTICS, INC. [US/US]; 301 Congress Avenue, Suite 1850, Austin, TX 78701 (US).
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(72, 75) ZHANG, Shuyuan [CN/US]; 6015 Briar Hill Court, Sugar Land, TX 77479 (US). PHAM, Hai [US/US]; 6700 Chimney Rock Road, Apt. 26, Houston, TX 77081 (US).

(74) HIGHLANDER, Steven, L.; 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 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 C12N 9/00, B01D 9/00

(11) WO 2004/104191 (13) A1

(21) PCT/FI2004/000318

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 20030786 26 May/mai 2003 FI (26.05.2003)

(30) 20040271 20 Feb/fév 2004 FI (20.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CRYSTALLINE VAP-1 AND USES THEREOF

• VAP-1 CRISTALLINE ET SES UTILISATIONS

(71) BIOTIE THERAPIES CORPORATION [FI/FI]; Tykistökatu 6, FI-20520 Turku (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALMINEN, Tiina [FI/FI]; Vinarintie 7 b, FI-31500 Koski TL (FI). AIRENNE, Tomi [FI/FI]; Karviaiskatu 2 D 17, FI-20720 Turku (FI). JOHNSON, Mark [US/FI]; Arvinkatu 6 B 1-2, FI-20100 Turku (FI). KIDRON, Heidi [FI/FI]; Puutarhakatu 10 A 23, FI-20100 Turku (FI). NYMALM-REJSTRÖM, Yvonne [FI/FI]; Frantsinkatu 4 B 8, FI-20540 Turku (FI). SÖDERHOLM, Annu [FI/FI]; Gyldeintie 8 A 2, FI-00200 Helsinki (FI). SMITH, David [GB/FI]; Valliussenkatu 6, FI-21100 Naantali (FI). PIHLAVISTO, Marjo [FI/FI]; Kuminakatu 10, FI-20780 Kaarina (FI). VIITANEN, Lenita [FI/FI]; Vanha Kuninkojantie 5 B 2, FI-20320 Turku (FI). PENTIKÄINEN, Olli [FI/FI]; Aapelinukuja 4 as. 11, FI-21420 Lieto (FI). NYRÖNEN, Tommi [FI/FI]; Eerikinkatu 25 C 61, FI-00180 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 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).

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 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)
(u) for / pour US only / seulement

(51)⁷ C12N 9/12, C07K 14/31, C12Q 1/48

(11) WO 2004/104192 (13) A1

(21) PCT/GB2004/002158

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311789.2 22 May/mai 2003 GB (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ISOLATING OR PURIFYING STAPHYLOCOCCUS UMP KINASE

• PROCEDE POUR ISOLER ET PURIFIER UNE UMP KINASE DE STAPHYLOCOCCUS

(71) ASTRAZENECA AB [SE/SE]; SE-151 85 Sodertälje (SE).

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

(71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).
(only for / seulement pour MG)

(72, 75) DOIG, Peter, Clifford [CA/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US).

(74) ASTRAZENECA; Global Intellectual Property, SE-151 85 Sodertälje (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 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 C12N 9/20, 15/10, A21D 8/04, A61K 38/43

(11) WO 2004/104193 (13) A2

(21) PCT/GB2004/002223

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0312037.5 24 May/mai 2003 GB (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOSPHOLIPASE C
• PHOSPHOLIPASE C

(71) F2G LTD [GB/GB]; Lankro Way, Eccles, Manchester, Greater Manchester, M30 0BH (GB).
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(72, 75) BIRCH, Michael [GB/GB]; F2G Limited, Lankro Way, Eccles, Manchester, Greater Manchester M30 0BH (GB). LAVENS, Sandra, Elizabeth [GB/GB]; F2G Limited, Lankro Way, Eccles, Manchester, Greater Manchester M30 0BH (GB). RYCROFT, Catherine, Elaine [GB/GB]; F2G Limited, Lankro Way, Eccles, Manchester, Greater Manchester M30 0BH (GB). TUCKWELL, Daniel, Scott [GB/GB]; F2G Limited, Lankro Way, Eccles, Manchester, Greater Manchester M30 0BH (GB).

(74) WOODS, Geoffrey, Corlett et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N 15/00, 15/09, C07H 21/04
(11) WO 2004/104194 (13) A1
(21) PCT/US2003/018219
(22) 12 Jun/juin 2003 (12.06.2003)
(25) en (26) en
(30) 60/470,448 15 May/mai 2003 US (15.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • COMPOSITIONS AND METHODS FOR SITE-SPECIFIC RECOMBINATION AND EXPRESSION
• COMPOSITIONS ET METHODES DE RECOMBINAISON ET D'EXPRESSION SPECIFIQUES D'UN SITE
(71) INVITROGEN CORPORATION [US/US]; 1600 Faraday Avenue, Carlsbad, CA 92008 (US). NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY (AIST), JAPAN BIOLOGICAL INFORMATION RESEARCH CENTER (JBIRC) [JP/JP]; 41-6 Aomi, 2-Chome, Kohto-Ku., Tokyo, 135-0064 (JP).
(72) MIURA, Aya; Japan Biological Information Research Center, 2-41-6 Aomi, Koto-Ku, Tokyo 135-0064 (JP). SATOH, Ryohei; Japan Biological Information Research Center, 2-41-6 Aomi, Koto-Ku, Tokyo 135-0064 (JP). NOMURA, Nobuo; Japan Biological Information Research Center, 2-41-6 Aomi, Koto-Ku, Tokyo 135-0064 (JP). GOSHIMA, Naoki; Japan Biological Information Research Center, 2-41-6 Aomi, Koto-Ku, Tokyo 135-0064 (JP).
(74) ESMOND, Robert W. et al. / etc.; Sterne, Kessler, Golstein & Fox P.L.L.C., 1100 New York Avenue, NW, Washington, DC 20005 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/09, 5/10, C07K 14/575, 14/62
(11) WO 2004/104195 (13) A1
(21) PCT/JP2003/014681
(22) 18 Nov/nov 2003 (18.11.2003)
(25) ja (26) ja
(30) 2003-145475 22 May/mai 2003 JP (22.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • INSULIN-PRODUCING CELLS AND METHOD OF CONSTRUCTING THE SAME
• CELLULES DE PRODUCTION D'INSULINE ET PROCEDE DE CONSTITUTION DE CES CELLULES
(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NAKAZIMA, Natsuki [JP/JP]; Ebisu Bldg., 37, 582, Agaru, Matsumotocho, Gokomachi-ebisugawa, Nakagyo-ku, Kyoto-shi, Kyoto 604-0982 (JP). SAKURAI, Tomonori [JP/JP]; Arukadia 210, 3-1, Tanakagennkyocho, Sakyo-ku, Kyoto-shi, Kyoto 606-820 (JP). TABATA, Yasuhiko [JP/JP]; 3-8-16, Biwada, Uji-shi, Kyoto 611-0024 (JP).
(74) TSUBURAYA, Toru; Room 1616, Osaka Ekimae Dai-3 Bldg., 1-3, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
(81) CA US.
Published / Publiée : (n)
Declaration / Déclaration :
(v) for all designations / pour toutes les désignations
-
- (51)⁷ C12N 15/10, C12Q 1/68
(11) WO 2004/104196 (13) A1
(21) PCT/JP2004/007162
(22) 19 May/mai 2004 (19.05.2004)
(25) ja (26) ja
(30) PCT/JP03/06275 20 May/mai 2003 JP (20.05.2003)
(30) 2003-389821 19 Nov/nov 2003 JP (19.11.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • BUFFER COMPOSITION
• COMPOSITION TAMPON
(71) ADGENE CO., LTD. [JP/JP]; 503, Leading Venture plaza, 75-1, Ono-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 2300046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OSHIMA, Joji [JP/JP]; 1785-2, Kubojima, Kumagaya-shi, Saitama 3600831 (JP). NEMOTO, Ken [JP/JP]; 1-8-11-706, Kinuta, Setagaya-ku, Tokyo 1570073 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 C12N 15/11, 9/02, A61K 31/7088
(11) WO 2004/104197 (13) A1
(21) PCT/CA2004/000761
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 60/320,210 21 May/mai 2003 US (21.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • ANTISENSE OLIGONUCLEOTIDES DIRECTED TO RIBONUCLEOTIDE REDUCTASE R1 AND USES THEREOF IN THE TREATMENT OF CANCER
• OLIGONUCLEOTIDES ANTISENS DIRIGES CONTRE LE GENE R1 DE LA RIBONUCLEOTIDE REDUCTASE ET LEURS UTILISATIONS DANS LE TRAITEMENT DU CANCER
(71) GENESENSE TECHNOLOGIES INC. [CA/CA]; 2 Meridian Road, Toronto, Ontario M9W 4Z7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YOUNG, Aiping, H. [CA/CA]; 201 Senlac Road, North York, Ontario M2R 1P3 (CA). WRIGHT, Jim, A. [CA/CA]; 44 Shore Gardens, Oakville, Ontario L6L 5Z3 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).
-
- Published / Publiée : (c)
(51)⁷ C12N 15/11, 5/00, C12Q 1/06, C12N 7/00
(11) WO 2004/104198 (13) A1
(21) PCT/JP2003/015038
(22) 25 Nov/nov 2003 (25.11.2003)
(25) ja (26) ja
(30) 2003-148242 26 May/mai 2003 JP (26.05.2003)
(30) 2003-329115 19 Sep/sep 2003 JP (19.09.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • NUCLEIC ACID CONSTRUCT CONTAINING HEPATITIS C VIRUS (HCV) OF GENOCYPE 2a GENOME-ORIGIN

NUCLEIC ACID AND CELL HAVING THE NUCLEIC ACID CONSTRUCT TRANSFERRED THEREINTO

- CONSTRUIT D'ACIDE NUCLEIQUE CONTENANT LE VIRUS DE L'HEPATITE C (V H C) DE L'ACIDE NUCLEIQUE D'ORIGINE DU GENOME DE GENOTYPE 2A ET DES CELLULES POSSEDANT CE CONSTRUIT D'ACIDE NUCLEIQUE TRANSFERE DANS CELLES-CI

(71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP). **TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH** [JP/JP]; 8-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-8001 (JP). **JOHANNES GUTENBERG-UNIVERSITAET MAINZ** [DE/DE]; 55099 Mainz (DE).

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(72, 75) **WAKITA, Takaji** [JP/JP]; 37-1-302, Narimasu 3-chome, Itabashi-ku, Tokyo 175-0094 (JP). **KATO, Takanobu** [JP/JP]; 1-41-206, Shogetsu-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0004 (JP). **DATE, Tomoko** [JP/JP]; 13-5-303, Shinjo 3-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0044 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(v) for all designations / pour toutes les désignations

(51)⁷ C12N 15/11

(11) **WO 2004/104199** (13) A2

(21) PCT/US2004/015656

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,056 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODULATION OF GENE EXPRESSION USING DNA-DNA HYBRIDS

- MODULATION DE L'EXPRESSION GENETIQUE A L'AIDE D'HYBRIDES ADN-ADN

(71) **OLIGO ENGINE, INC.** [US/US]; 5607 Keystone Place North, Suite D, Seattle, WA 98103 (US).

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

(72, 75) **HAUSER, Todd** [US/US]; 1402 N.E. 70th Street, Seattle, WA 98115 (US). **LOOMIS, Aaron** [US/US]; 794 Water Street, Prairie Du Sac, WI 53578 (US). **HENSEL, David** [US/US]; 7346 34th Ave. N.E., Seattle, WA 98115 (US).

(74) **CHRISTIANSEN, William, T. et al.** / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N 15/12, G01N 33/50, A61K 38/00, A61P 35/00

(11) **WO 2004/104200** (13) A1

(21) PCT/JP2003/014868

(22) **21 Nov/nov 2003 (21.11.2003)**

(25) ja (26) ja

(30) 2003-146878 **23 May/mai 2003 JP (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF CONTROLLING CELL PROLIFERATION BY USING NOVEL FUNCTION OF MYELOID LEUKEMIA FACTOR MLF1 AND UTILIZATION OF THE SAME

- METHODE DE REGULATION DE LA PROLIFERATION CELLULAIRE AU MOYEN DE LA NOUVELLE FONCTION DU FACTEUR LEUCEMIQUE MYELOIDE MLF1 ET UTILISATION DE CE DERNIER

(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) **KATO, Noriko** [JP/JP]; 28-401, 5-1-3, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP). **KATO, Jun-ya** [JP/JP]; 28-401, 5-1-3, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP).

(74) **HARA, Kenzo**; Harakenzo Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) CA US.

Published / Publiée : (n)

Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)⁷ C12N 15/12, C07K 14/46, C12N 1/21, C12P 21/02, C09K 5/20, 3/00

(11) **WO 2004/104201** (13) A1

(21) PCT/JP2004/007105

(22) **18 May/mai 2004 (18.05.2004)**

(25) ja (26) ja

(30) 2003-142850 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANTIFREEZING PROTEIN FOUND IN FISH

- PROTEINE ANTIGEL TROUVEE DANS LE POISSON

(71) **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, 1008921 (JP).

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

(72, 75) **NISHIMIYA, Yoshiyuki** [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido, 0628517 (JP). **MIURA, Ai** [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido, 0628517 (JP). **TSUDA, Sakae** [JP/JP]; c/o AIST Hokkaido, National Institute of Advanced Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido, 0628517 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12N 15/53, 9/04, 15/81, 1/19, C12P 7/56

(11) **WO 2004/104202** (13) A1

(21) PCT/JP2004/007317

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-145085 **22 May/mai 2003 JP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DNA CODING FOR PROTEIN HAVING D-LACTIC ACID DEHYDROGENASE ACTIVITY AND USE THEREOF

- ADN DE CODAGE DE PROTEINE AVEC ACTIVITE DE DESHYDROGENASE DE L'ACIDE D-LACTIQUE ET UTILISATION CORRESPONDANTE
- (71) KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO [JP/JP]; 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi, 4801192 (JP). TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIDA, Nobuhiro [JP/JP]; c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi, 4801192 (JP). TOKUHIRO, Kenro [JP/JP]; c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi, 4801192 (JP). TAKAHASHI, Haruo [JP/JP]; c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi, 4801192 (JP). NAGAMORI, Eiji [JP/JP]; c/o Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi, 4801192 (JP). SAITOH, Satoshi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). OHNISHI, Tohru [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho MT Bldg. 19F, 3-20, Toranomon 4-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 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 C12N 15/53, 9/50, 9/02, 1/20, 1/21, C12Q 1/37, 1/34, G01N 33/50, 33/15 // (C12N 1/20, C12R 1:07) (C12N 1/20, C12R 1:01)
- (11) WO 2004/104203 (13) A1
- (21) PCT/JP2004/007341
- (22) 21 May/mai 2004 (21.05.2004)
- (25) ja (26) ja
- (30) 2003-143966 21 May/mai 2003 JP (21.05.2003)
- (30) 2004-063100 5 Mar/mar 2004 JP (05.03.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF MEASURING GLYCOLATED HEMOGLOBIN A1C, ENZYME TO BE USED THEREFOR AND
- PROCESS FOR PRODUCING THE SAME
- METHODE DE MESURE D'HEMOGLOBINE GLYCOLEE A1C, ENZYME A UTILISER POUR CETTE METHODE ET SON PROCEDE DE PRODUCTION
- (71) ASAHI KASEI PHARMA CORPORATION [JP/JP]; 9-1, Kanda Moto-shiro-cho, Chiyoda-ku, Tokyo, 1018481 (JP). ICHIBIKI CO., LTD. [JP/JP]; 11-6, Shin-otou 1-chome, Atsuta-ku, Nagoya-shi, Aichi, 4560018 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUOKA, Takeshi [JP/JP]; 683-2-3D, Jike, Nirayama-cho, Tagata-gun, Shizuoka, 4102122 (JP). KOGA, Shinji [JP/JP]; 677-12, Soukouji, Ohito-cho, Tagata-gun, Shizuoka, 4102302 (JP). KOUZUMA, Takuji [JP/JP]; 4671-2, Wakamatsu-cho, Mishima-shi, Shizuoka, 4110025 (JP). YOSHIOKA, Issei [JP/JP]; 377-6-701, Mifuku, Ohito-cho, Tagata-gun, Shizuoka, 4102321 (JP). NISHIMURA, Atsuhisa [JP/JP]; Kohpokawamura 103, 14-7, Misono-cho 2-chome, Anjo-shi, Aichi, 4460076 (JP). ITOU, Homare [JP/JP]; 9, Sasanomiyakitada, Ichinomiyashi, Aichi, 4910131 (JP). KUMAZAWA, Toshihiko [JP/JP]; 1009, Iseki, Shikatsu-cho, Nishikasugai-gun, Aichi, 4810014 (JP). KUROYANAGI, Takashi [JP/JP]; Haikamuhru-nakaiwata B102, 2-4-21, Nakaiwata, Toyohashi-shi, Aichi, 4400832 (JP).
- (74) FUJINO, Seiya et al. / etc.; Toranomon Nakata Bldg. 4F, 7-7, 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 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 C12N 15/86, 15/12, A61K 48/00, A61P 17/00
- (11) WO 2004/104204 (13) A1
- (21) PCT/CN2004/000458
- (22) 9 May/mai 2004 (09.05.2004)
- (25) zh (26) zh
- (30) 03125129.3 10 May/mai 2003 CN (10.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RECOMBINANT GENE MEDICINE OF ADENOVIRUS VECTOR AND GENE p53 FOR TREATING PROLIFERATIVE DISEASES
- MEDECINE PAR GENE DE RECOMBINAISON DE VECTEUR ADENOVIRUS ET GENE P53 DESTINES A TRAITER DES MALADIES PROLIFERATIVES
- (71, 72) PENG, Zhaohui [CN/CN]; c/o SiBiono Co., Langshan Rd., Hi-Tech Industrial Park (North), Shenzhen, Guangdong 518057 (CN). ZHANG, Xiaozhi [CN/CN]; c/o SiBiono Co., Langshan Rd., Hi-Tech Industrial Park (North), Shenzhen, Guangdong 518057 (CN).
- (74) JEEKAI & PARTNERS et al. / etc.; Suite 601, Jinyu Tower, A129 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12P
- (11) WO 2004/104205 (13) A2
- (21) PCT/US2004/014832
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/471,084 16 May/mai 2003 US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ENZYMATIC PREPARATION OF CHIRAL INDOLE ESTERS
- PREPARATION ENZYMATIQUE D'ESTERS D'INDOLE CHIRAUX
- (71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOURNET, Michel [FR/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). LARSEN, Robert, D. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). SARRAF, Stella, T. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). SHAFIEE, Ali [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). TRUPPO, Matthew, D. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). UPADHYAY, Veena [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, New Jersey 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 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 C12P 13/00, 19/62, C12R 1/465, C07C 215/18, 219/06

(11) WO 2004/104206 (13) A1

(21) PCT/EP2004/005187

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03076559.8 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOINDUCER COMPOUND TO IMPROVE THE PRODUCTIVITY OF NATAMYCIN PRODUCING STREPTOMYCES STRAINS

• COMPOSE AUTO-INDUCTEUR PERMETTANT D'AMÉLIORER LE RENDEMENT DE SOUCHES DE STREPTOMYCES PRODUISANT DE LA NATAMYCINE

(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) MARTÍN MARTÍN, Juan, Francisco [ES/ES]; Avda. de la Facultad No. 13, -4A, E-24004 Léon (ES). RECIO PÉREZ, Eliseo [ES/ES]; C.Las Bodegas 11 - Bajo D, E-24193 Navatejera (ES). COLINA DELGADO, Angel, José [ES/ES]; Urbanización El Hayedo, No. 31 - Carbajal de la Legua, E-24196 Sarrigosa (ES). FERNÁNDEZ APARICIO, Jesús Manuel [ES/ES]; C/Buero Vallejo, No. 2-3 B, E-24012 Villao-bispo de las Regueras (ES).

(74) MATULEWICZ, Emil, Rudolf, Antoni; DSM Intellectual Property, Delft Office (600-0240), P.O. Box 1, NL-2600 MA Delft (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 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 C12P 13/00, 1/04 // (C12P 1/04, C12R 1:19, (C12R 1/37

(11) WO 2004/104207 (13) A1

(21) PCT/ES2004/000231

(22) 21 May/mai 2004 (21.05.2004)

(25) es (26) es

(30) P 2003 01217 23 May/mai 2003 ES (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE PRODUCTION OF L-CARNITINE FROM CROTONOBETAINE, D-CARNITINE AND THE SALTS AND DERIVATIVES THEREOF, USING PERMEABILISED CELLS OF *PROTEUS SP.* OR *ESCHERICHIA COLI*

• PROCEDE DE PRODUCTION DE L-CARNITINE A PARTIR DE CROTONOBETAINE, D-CARNITINE, AINSI QUE LES SELS ET DERIVES DE CEUX-CI AU MOYEN DE CELLULES DE *PROTEUS SP.* OU D'*ESCHERICHIA COLI* PERMEABILISEES

(71) UNIVERSIDAD DE MURCIA [ES/ES]; Avda. Teniente Flomesta, Edif. de La Convalecencia, E-30003 Murcia (ES).

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

(72, 75) CANOVAS DIAZ, Manuel [ES/ES]; Avda. Teniente Flomesta, Edif. de La Convalecencia, E-30003 Murcia (ES). IBORRA PASTOR, Jose, Luis [ES/ES]; Avda. Teniente Flomesta, Edif. de La Convalecencia, E-30003 Murcia (ES).

(74) ASTIZ SUAREZ, Jose Enrique; C/ Columela, 5, 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12P 19/04, C08B 37/10

(11) WO 2004/104208 (13) A1

(21) PCT/JP2004/007243

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 60/473,165 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IN VITRO SYNTHETIC METHOD FOR HEPARAN CHAIN AND USE THEREOF

• PROCEDE DE SYNTHESE <I>IN VITRO</I> POUR CHAÎNE HEPARANE ET UTILISATION CORRESPONDANTE

(71) THE NEW INDUSTRY RESEARCH ORGANIZATION [JP/JP]; 1-5-2, Minatojima-minamimachi, Chuo-ku., Kobe-shi, 6500047 (JP).

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

(72, 75) SUGAHARA, Kazuyuki [JP/JP]; 1-2, Sinnyodo-mae-cho, Okazaki, Sakyo-ku., Kyoto-shi., Kyoto 6068415 (JP). KITAGAWA, Hiroshi [JP/JP]; 7-14-5, Okamoto., Higashinada-ku, Kobe-shi., Hyogo 6580072 (JP). KIM, Byung-Taek [KR/US]; 406

Crowne Woods Dr. Hoover., Alabama 35244 (US).

(74) TSUBURAYA, Toru; Room1616, Osaka Ekimae Dai-3 Bldg., 1-1-3, Umeda., Kita-ku, Osaka-shi., Osaka5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12P 21/00, C12N 1/20 // 15/00

(11) WO 2004/104209 (13) A1

(21) PCT/JP2004/006948

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145221 22 May/mai 2003 JP (22.05.2003)

(30) 2004-105251 31 Mar/mar 2004 JP (31.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR PRODUCING EXTRACT FOR CELL-FREE PROTEIN SYNTHESIS AND CELL EXTRACT PRODUCED THEREBY

• PRODUCTION D'UN EXTRAIT POUR SYNTHESE DE PROTEINE SANS CELLULE ET EXTRAIT CELLULAIRE AINSI PRODUIT

(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) MATSUDA, Natsuko [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). KITAGAWA, Takanori [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). CHUMPOLKULWONG, Namtip [TH/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). TAKEMOTO, Chie [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). SHIROUZU, Mikako [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). TANAKA, Akiko [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). YOKOYAMA, Shigeyuki [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP).

(74) KATO, Asamichi et al. / etc.; A. Kato & Associates, Bohsei Bldg., 7th Floor, 20-12,

- Shin-Yokohama 3-chome, 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 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 C12P 21/00, C12N 15/09
- (11) WO 2004/104210 (13) A1
- (21) PCT/JP2004/007314
- (22) 21 May/mai 2004 (21.05.2004)
- (25) ja (26) ja
- (30) 2003-145390 22 May/mai 2003 JP (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROCESS FOR PRODUCING PROTEIN BY CELL-FREE PROTEIN SYNTHESIS SYSTEM AND PROTEIN SYNTHESIS REAGENT KIT
- PROCEDE DE PRODUCTION DE PROTEINES PAR SYSTÈME DE SYNTHÈSE DE PROTEINES SANS CELLULES ET KIT DE REACTIFS POUR LA SYNTHÈSE DE PROTEINES
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP). NIPPON SANSO CORPORATION [JP/JP]; 16-7, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 1058442 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOKOYAMA, Shigeyuki [JP/JP]; c/o Riken Yokohama Institute, RIKEN, 7-22, Suehiro-cho, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP). KIGAWA, Takanori [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP). NAKAJIMA, Rie [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP). TANAKA, Akiko [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP). YOKOYAMA, Jun [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP). FUKAI, Yoshihisa [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP). MATSUMOTO, Takehisa [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 2300045 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho MT Bldg. 19F, 3-20, 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 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 C12Q
- (11) WO 2004/104211 (13) A2
- (21) PCT/FI2004/000310
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 20030771 21 May/mai 2003 FI (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR DETECTING TOXIC AND NON-TOXIC CYANOBACTERIA
- PROCEDE DE DETECTION DE CYANOBACTERIES TOXIQUES ET NON TOXIQUES
- (71) HELSINGIN YLIOPISTO [FI/FI]; Yliopistonkatu 4, PL 33, FI-00014 Helsingin Yliopisto (FI). UNIVERSITY OF LIEGE [BE/BE]; Quai van Beneden, 25, B-4020 Liege (BE). CONSIGLIO NAZIONALE DELLE RICERCHE [IT/IT]; Istituto di Tecnologia Biomedica, Via Fratelli Cervi, 93, I-20090 Segrate Milano (IT). CONSIGLIO NAZIONALE DELLE RICERCHE [IT/IT]; Istituto per lo Studio degli Ecosistemi, Largo Vittorio Tonolli, 50/52, I-28922 Pallanza Verbania (IT).
- (for all designated States except / pour tous les États désignés sauf US)
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- (74) SEPPÖ 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 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 C12Q
- (11) WO 2004/104212 (13) A2
- (21) PCT/US2003/032887
- (22) 14 Oct/oct 2003 (14.10.2003)
- (25) en (26) en
- (30) 60/417,843 11 Oct/oct 2002 US (11.10.2002)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MOLECULAR SIGNATURE AND ASSAY FOR FLUOROQUINOLINE RESISTANCE IN *BACILLUS ANTHRACIS*
- SIGNATURES MOLECULAIRES ET DOSAGE POUR LA RESISTANCE A LA FLUOROQUINOLINE DANS LE BACILLE DU CHARBON
- (71) ARIZONA BOARD OF REGENTS, acting for and on behalf of, Northern Arizona University [ABR/NAU] [US/US]; P.O. Box 879209, Tempe, AZ 85287 (US).
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- (74) MEIS, Christine, M.; Quarles & Brady Stretch Lang LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 C12Q
- (11) WO 2004/104213 (13) A2
- (21) PCT/US2004/015052
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en

(30) 60/470,655 **15 May/mai 2003** US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NUCLEIC ACIDS AND POLYPEPTIDES OF C1 BACTERIOPHAGE AND USES THEREOF

• ACIDES NUCLEIQUES ET POLYPEPTIDES DE BACTERIOPHAGES C1 ET LEURS UTILISATIONS

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(74) MALLON, Veronica et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12Q

(11) WO 2004/104214 (13) A2

(21) PCT/US2004/015826

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,158 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND DEVICES FOR MULTIPLEXING AMPLIFICATION REACTIONS

• METHODES ET DISPOSITIFS DE MULTIPLEXAGE DE REACTIONS D'AMPLIFICATION

(71) APPLERA CORPORATION [US/US]; Legal Department, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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(74) BURTON, Carol, W. et al. / etc.; Hogan & Hartson, LLP, Suite 1500, 1200 17th Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C12Q 1/00

(11) WO 2004/104215 (13) A2

(21) PCT/EP2004/005069

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 03011482.1 **21 May/mai 2003** EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH DIPEPTIDYLPEPTIDASE 7 (DPP7)

• APPROCHES DIAGNOSTIQUES ET THERAPEUTIQUES DES MALADIES ASSOCIEES A LA DIPEPTIDYLPEPTIDASE 7 (DPP7)

(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). SUMMER, Holger [DE/DE]; Katernberger Schulweg 3, 42113 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 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 C12Q 1/00

(11) WO 2004/104216 (13) A2

(21) PCT/EP2004/005071

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 03011481.3 **21 May/mai 2003** EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH DIPEPTIDYLPEPTIDASE IV (DPP4)

• DIAGNOSTICS ET AGENTS THERAPEUTIQUES DESTINES A DES MALADIES LIEES A UNE DIPEPTIDYLPEPTIDASE IV (DPP4)

(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, D-42799 Leichlingen (DE). SUMMER, Holger [DE/DE]; Katernberger Schulweg 3, 42113 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 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 C12Q 1/00

(11) WO 2004/104217 (13) A2

(21) PCT/US2004/014759

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 60/468,987 **8 May/mai 2003** US
(08.05.2003)

(30) 60/491,274 **31 Jul/juil 2003** US
(31.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROTEIN KINASE C ZETA AS A DRUG TARGET FOR ARTHRITIS AND OTHER INFLAMMATORY DISEASES

• PROTEINE-KINASE C ZETA UTILISEE COMME CIBLE DE MEDICAMENT CONTRE L'ARTHRITE ET AUTRES MALADIES INFLAMMATOIRES

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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(72, 75) LAVALLIE, Edward, R. [US/US]; 113 Ann Lee Road, Harvard, MA 01451 (US). COLLINS-RACIE, Lisa, A. [US/US]; 124 School Street, Acton, MA 01720 (US). ARAI, Maya [US/US]; 1070 Beacon Street, Apt. 3B, Brookline, MA 02446 (US).

(74) MANDRA, Raymond, R. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, New York 10112-3801 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C12Q 1/37, G01N 33/573

(11) WO 2004/104218 (13) A1

(21) PCT/EP2004/005022

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 03011703.0 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAGNOSTICS AND THERAPEU-
TICS FOR DISEASES ASSOCIATED
WITH X-PROLYL AMINOPEPTIDASE
(AMINOPEPTIDASE P) 1 (XPNPEP1)

• AGENTS DIAGNOSTIQUES ET THE-
RAPEUTIQUES DESTINES A DES
MALADIES ASSOCIEES A X-PROLYL
AMINOPEPTIDASE 1 (XPNPEP1)

(71) BAYER HEALTHCARE AG [DE/DE];
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(72, 75) GOLZ, Stefan [DE/DE]; Bückmanns-
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Leichlingen (DE). SUMMER, Holger
[DE/DE]; Borsigstr. 6, 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 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 C12Q 1/37

(11) WO 2004/104219 (13) A1

(21) PCT/GB2004/002233

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311961.7 23 May/mai 2003 GB
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MASS-BASED TOXIN ASSAY AND
SUBSTRATES THEREFOR

• DOSAGE DE TOXINES PAR ME-
SURE DE LA MASSE ET SUBSTRATS
CONÇUS A CET EFFET

(71) HEALTH PROTECTION AGENCY
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(72, 75) SHONE, Clifford, Charles [GB/GB];
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(74) SCHLICH, George, William 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 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 C12Q 1/48, C07K 14/47, G01N 33/74

(11) WO 2004/104220 (13) A2

(21) PCT/EP2004/004428

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 23 081.5 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF A POLYPEPTIDE
• UTILISATION D'UN POLYPEPTIDE

(71) AVENTIS PHARMA DEUTSCHLAND
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(74) AVENTIS PHARMA DEUTSCHLAND
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(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 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 C12Q 1/527, 1/34, G01N 33/68

(11) WO 2004/104221 (13) A2

(21) PCT/GB2004/002227

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311804.9 22 May/mai 2003 GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND KITS FOR QUAN-
TIFYING METABOLITES OR ANA-
LYTES

• PROCEDES ET NECESSAIRES DES-
TINES A QUANTIFIER DES METABO-
LITES OU DES ANALYTES

(71) THE UNIVERSITY COURT OF THE
UNIVERSITY OF GLASGOW [GB/GB];
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G61 1HT (GB).

(74) KIDDLE, Simon et al. / etc.; Mewburn El-
lis LLP, 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 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 C12Q 1/66, A01K 67/027

(11) WO 2004/104222 (13) A1

(21) PCT/JP2004/007245

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145466 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROBES FOR ANALYZING INTER-
ACTION BETWEEN PROTEINS AND
METHOD OF ANALYZING INTERAC-
TION BETWEEN PROTEINS USING
THE SAME

• SONDAS POUR ANALYSER
L'INTERACTION ENTRE DES PRO-
TEINES ET PROCEDE D'ANALYSE DE

L'INTERACTION ENTRE PROTEINES
FAISANT APPEL A LADITE SONDE

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(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 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 C12Q 1/68, G01N 33/543

(11) WO 2004/104223 (13) A1

(21) PCT/DE2004/001083

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 103 23 685.6 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE COVALENT IMMOBILISATION OF PROBE BIOMOLECULES ON ORGANIC SURFACES

• PROCÉDE D'IMMOBILISATION COVALENTE DE BIOMOLECULES DE SONDE SUR DES SURFACES ORGANIQUES

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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).

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(25) en (26) en

(30) 03011091.0 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MARKERS FOR LXR ACTIVATION

• MARQUEURS D'ACTIVATION DU RECEPTEUR LXR

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(72, 75) WRIGHT, Matthew, Blake [US/CH]; Fasanenstrasse 150/7, CH-4058 Basel (CH).

(74) WITTE, Hubert; 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 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 C12Q 1/68, C12N 9/12

(11) WO 2004/104225 (13) A1

(21) PCT/FI2004/000307

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 20030778 22 May/mai 2003 FI (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAGNOSIS AND PREDICTION OF PARKINSON'S DISEASE

• DIAGNOSTIC ET PRONOSTIC DE LA MALADIE DE PARKINSON

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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).

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(25) en (26) en

(30) 0311835.3 22 May/mai 2003 GB (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUSCEPTIBILITY GENE FOR ALZHEIMER'S DISEASE

• GENE DE PREDISPOSITION POUR LA MALADIE D'ALZHEIMER

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(72, 75) NAGY, Zsuzsanna [GB/GB]; 8 Lamarsh Road, Oxford Oxfordshire OX2 0LD (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 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 C12Q 1/68

(11) WO 2004/104227 (13) A1

(21) PCT/IB2004/001673

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 60/471,905 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND COMPOSITIONS FOR DIAGNOSING AND TREATING DISORDERS INVOLVING ANGIOGENESIS

- PROCEDES ET COMPOSITIONS PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES LIES A L'ANGIOGENESE
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TONG, Xiao [CN/US]; 2 Hershey Road, East Brunswick, NJ 08816 (US).
- (74) **FULLER, Grover, F., Jr.** et al. / etc.; c/o LAWRENCE, Jackie, Pfizer Inc., MS8260-1615, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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- (11) **WO 2004/104228** (13) A1
- (21) PCT/US2003/031253
- (22) **1 Oct/oct 2003 (01.10.2003)**
- (25) en (26) en
- (30) 10/265,473 **4 Oct/oct 2002 (04.10.2002)** US
- (30) 60/433,160 **13 Dec/déc 2002 (13.12.2002)** US
- (30) 60/447,157 **12 Feb/fév 2003 (12.02.2003)** US
- (30) 10/637,847 **7 Aug/août 2003 (07.08.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MICROFLUIDIC PROTEIN CRYSTALLOGRAPHY
- CRISTALLOGRAFIE DE PROTEINES MICROFLUIDIQUES
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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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68, C07H 21/04

(11) **WO 2004/104229** (13) A2

(21) PCT/US2004/015175

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,121 **16 May/mai 2003 (16.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTERNAL CONTROL NUCLEIC ACID MOLECULE FOR NUCLEIC ACID AMPLIFICATION SYSTEMS

• MOLECULE D'ACIDE NUCLEIQUE DE CONTROLE INTERNE POUR SYSTEMES D'AMPLIFICATION D'ACIDE NUCLEIQUE

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(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 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 C12Q 1/68, G01N 33/543

(11) **WO 2004/104230** (13) A1

(21) PCT/US2004/015209

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/439,811 **16 May/mai 2003 (16.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REDUCING MICROARRAY VARIATION WITH INTERNAL REFERENCE SPOTS

• REDUCTION DE LA VARIATION D'UNE ANALYSE PAR MICRO-RESEAU AU MOYEN DE TACHES DE REFERENCE INTERNES

(71) **BECKMAN COULTER, INC.** [US/US]; 4300 North Harbor Boulevard, P.O. Box 3100, Fullerton, California 92834-3100 (US).
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(74) **KARISH, Marc et al.** / etc.; SHELDON & MAK PC, 225 South Lake Avenue, 9th Floor, Pasadena, California 91101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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(25) de (26) de

(30) 10323826.3 **23 May/mai 2003 (23.05.2003)** DE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR TREATING MELT METALS BY MEANS OF A REFINING OXYGEN-BASED AGENT

• PROCEDE ET DISPOSITIF POUR TRAITER DES METAUX FONDUS AU MOYEN D'UN AGENT D'AFFINAGE FAIT D'OXYGENE

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(74) **JÄGER, Gerhard Fred**; MESSER GRIESHEIM GMBH, Patent-, Lizenz- und

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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 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 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 C21C 5/52, 5/54, 7/00

(11) WO 2004/104232 (13) A1

(21) PCT/EP2004/004312

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 23 505.1 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING FOAMED SLAG ON HIGH-CHROMIUM MELTS IN AN ELECTRIC FURNACE

• PROCEDE DE PRODUCTION D'UN LAITIER EXPANSE SUR DES FONTES A FORTE TENEUR EN CHROME DANS UN FOUR ELECTRIQUE

(71) SMS DEMAK AKTIENGESELLSCHAFT [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 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 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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(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 23 507.8 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR RECOVERING METALLIC ELEMENTS, ESPECIALLY METALLIC CHROMIUM, FROM SLAG CONTAINING METAL OXIDES IN AN ELECTRIC-ARC FURNACE

• PROCEDE DE RECUPERATION D'ELEMENTS METALLIQUES, NOTAMMENT DE CHROME METALLIQUE, A PARTIR DE LAITIERS CONTENANT DES OXYDES METALLIQUES, DANS UN FOUR A ARC ELECTRIQUE

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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 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 C21D 8/06, C22C 38/08

(11) WO 2004/104234 (13) A1

(21) PCT/FR2004/001150

(22) 12 May/mai 2004 (12.05.2004)

(25) fr (26) fr

(30) 03/06089 21 May/mai 2003 FR (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FE-NI ALLOY METAL WIRE HAVING A HIGH MECHANICAL STRENGTH AND A LOW THERMAL EXPANSION CO-EFFICIENT, WHICH IS INTENDED FOR HIGH VOLTAGE CABLES, AND PRODUCTION METHOD THEREOF

• FIL METALLIQUE EN ALLIAGE FE-NI AYANT UNE GRANDE RESISTANCE MECANIQUE ET UN FAIBLE COEFFICIENT DE DILATATION THERMIQUE, POUR CABLES HAUTE TENSION, ET PROCEDE DE FABRICATION

(71) USINOR [FR/FR]; Immeuble "La Pacific"-La Défense 7, 11/13, cours Valmy, F-92800 Puteaux (FR).

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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).

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(25) ja (26) ja

(30) 2003-180290 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WARM ROLLING METHOD

• PROCEDE DE LAMINAGE A CHAUD

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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 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 C21D 8/06

(11) WO 2004/104236 (13) A1

(21) PCT/JP2004/007278

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-180292 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROLLED WARM-ROLLING METHOD
• PROCEDE DE LAMINAGE A CHAUD CONTROLE(71) NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).
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(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 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 C21D 8/08, 9/573, 9/52

(11) WO 2004/104237 (13) A1

(21) PCT/EP2004/050862

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) MI2003A001031 22 May/mai 2003 IT
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COIL WINDING METHOD FOR METAL IN BARS
• PROCEDE DE BOBINAGE POUR METAL EN BARRES(71) DANIELI & C. OFFICINE MECCANICHE S.P.A. [IT/IT]; Via Nazionale, 41, I-33042 Buttrio (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLONI, Alfredo [IT/IT]; Via G. Paolini, 29, I-34070 Fogliano Redipuglia (IT). REDOLFI, Nicola [IT/IT]; Via Manzoni, 12, I-38020 Mezzana (IT). BORDIGNON, Giuseppe [IT/IT]; Via Roma, 10/2, I-33050 Bicinicco (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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C22B

(11) WO 2004/104238 (13) A2

(21) PCT/US2004/012907

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/470,657 15 May/mai 2003 US
(15.05.2003)(30) 10/829,597 22 Apr/avr 2004 US
(22.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR EXTRACTING COPPER FROM LEACH SOLUTIONS AT ELEVATED TEMPERATURES

• PROCEDE D'EXTRACTION DE CUIVRE DE SOLUTIONS DE LIXIVATION A DES TEMPERATURES ELEVEES

(71) COGNIS CORPORATION [US/US]; 300 Brookside Avenue, Ambler, PA 19002 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KORDOSKY, Gary, A. [US/US]; 5345 W. Camino Del Desierto, Tucson, AZ 85745 (US). SUDDERTH, R., Brantley [US/US]; 7164 N. Lemmon Rock Place, Tucson, AZ 85718 (US). VIRNIG, Michael, J. [US/US]; 5013 N. Amapola Drive, Tucson, AZ 85745 (US).

(74) DRACH, John, E.; Cognis Corporation, Patent Department, 300 Brookside Avenue, Ambler, PA 19002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C22B 34/12, B03C 1/00

(11) WO 2004/104239 (13) A1

(21) PCT/CA2004/000763

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2,429,253 21 May/mai 2003 CA
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BENEFICIATION OF TITANIFEROUS SLAGS

• ENRICHISSEMENT DE SCORIES TITANIFERES

(71) QIT-FER ET TITANE INC. [CA/CA]; 1625 route Marie-Victorin, Sorel-Tracy, Quebec J3R 1M6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUEGUIN, Michel [CA/CA]; 22, rue du sous-bois, Sorel-Tracy, Quebec J3R 2Y5 (CA).

(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 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).

Published / Publiée : (c)

(51)⁷ C22C

(11) WO 2004/104240 (13) A2

(21) PCT/EP2004/004654

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) 103 23 741.0 24 May/mai 2003 DE
(24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH STRENGTH THERMALLY RESISTANT DUCTILE CAST ALUMINIUM ALLOYS

• ALLIAGES D'ALUMINIUM COULES DURS, A HAUTE RIGIDITE ET RESISTANTS A CHAUD

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARTH, Andreas [DE/DE]; Johann-Joseph-Abert-Weg 14, 70771 Leinfelden-Echterdingen (DE).

(74) DAIMLERCHRYSLER AG; Intellectual Property Management, HPC U800, Wilhelm-Runge-Str. 11, 89081 Ulm (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 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 C22C

(11) WO 2004/104241 (13) A2

(21) PCT/US2004/015020

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,301 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN IMPROVED NON-METALLIC THREAD SEALANT AND ANTI-SEIZE COMPOUND

• TYPE AMELIORE DE PATE D'ETANCHEITE ET DE DEGRIP-PANT NON METALLIQUE POUR RACCORDS FILETES

(71) JET-LUBE, INC. [US/US]; PO Box 21258, 4849 Homestead Road, Houston, TX 77226-1258 (US).

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

(72, 75) OLDIGES, Donald, A., Jr. [US/US]; 11819 Meadowview, Cypress, 77429-2722 (US). MCDONALD, Herschel [US/US]; 1160 Batchler Rd., Red Oak, 75154 (US). BLAKE, Tom [US/US]; 25706 Drybrook Rd, Spring, TX 77389 (US). STROUP, Kevin L. [US/US]; 9710 Stockport Dr., Spring, TX 77379 (US). OLDIGES, Donald, A., III [US/US]; 11819 Meadowview, Cypress, TX 77429 (US).

(74) STROZIER, Robert, W.; P.O. Box 429, Houston, TX 77402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C22C 1/05

(11) WO 2004/104242 (13) A2

(21) PCT/US2004/015555

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,993 20 May/mai 2003 US (20.05.2003)

(30) 10/829,816 22 Apr/avr 2004 US (22.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADVANCED EROSION-CORROSION RESISTANT BORIDE CERMETS

• CERMETS AMELIORES A BASE DE BORURE RESISTANTS A LA CORROSION-EROSION

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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

(72, 75) BANGARU, Narasimha-Rao, Venkata [US/US]; 5 Revere Court, Annandale, NJ 08801 (US). CHUN, ChangMin [KR/US]; 106 Tomahawk Court, Belle Mead, NJ 08502 (US). THIRUMALAI, Neeraj, Srinivas [IN/US]; 106 Arrowhead Court, Apt. D7, Phillipsburg, New Jersey 08865 (US). JIN, Hyun-Woo [KR/US]; 680 Corliss Avenue, Apt. 3B, Phillipsburg, NJ 08865 (US). PETERSON, John, Roger [US/US]; 43683 Frost Court, Ashburn, VA 20147 (US). ANTRAM, Robert, Lee [US/US]; 7343 Windsor Court, Warrenton, VA 20186 (US). FOWLER, Christopher, John [US/US]; 7116 Wesley Road, Springfield, VA 22150 (US).

(74) VARADARAJ, Ramesh et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C22C 5/00

(11) WO 2004/104243 (13) A2

(21) PCT/US2004/014740

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/439,649 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH-TEMPERATURE COATINGS WITH PT METAL MODIFIED γ -Ni+ γ '-Ni₃Al ALLOY COMPOSITIONS

• REVETEMENTS HAUTE TEMPERATURE CONTENANT DES COMPOSITIONS D'ALLIAGE γ (G)-Ni + γ (G')-Ni<SB>3</SB>AL MODIFIE AU MOYEN D'UN METAL DU GROUPE PT

(71) IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 310 Lab of Mechanics, Ames, IA 50011-2131 (US).

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

(72, 75) GLEESON, Brian [CA/US]; 3211 Tupelo Circle, Ames, IA 50014 (US). SORDELET, Daniel [US/US]; 3142 Bayberry Road, Ames, IA 50014 (US). WANG, Wen [CN/US]; 3516 Lincoln Way, Apt. 43, Ames, IA 50011 (US).

(74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, 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 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 C22C 11/06, H01M 4/68, 4/72, 4/14

(11) WO 2004/104244 (13) A1

(21) PCT/JP2003/016851

(22) 26 Dec/déc 2003 (26.12.2003)

(25) en (26) en

(30) 2003-147589 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LEAD-BASED ALLOY FOR LEAD-ACID BATTERY GRID

• ALLIAGE A BASE DE PLOMB POUR GRILLE D'ACCUMULATEUR PLOMB-ACIDE

(71) THE FURUKAWA BATTERY CO., LTD. [JP/JP]; 4-1, Hoshikawa 2-chome, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0006 (JP).

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

(72, 75) FURUKAWA, Jun [JP/JP]; c/o Iwakijigyo, The Furukawa Battery Co., Ltd., 23-6, Kuidesaku, Jyoban-Shimofunao-machi, Iwaki-shi, Fukushima 972-8501 (JP). NEHYO, Yasuyuki [JP/JP]; c/o Iwakijigyo, The Furukawa Battery Co., Ltd., 23-6, Kuidesaku, Jyoban-Shimofunao-machi, Iwaki-shi, Fukushima 972-8501 (JP). OZAKI, Masanori [JP/JP]; c/o Imaichijigyo, The Furukawa Battery Co., Ltd., 597, Aza Uehara, Otorozawa, Imaichi-shi, Tochigi 321-2336 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuyee & Suzuyee, 7-2, Kasumigasaki 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 NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 29/00
- (11) WO 2004/104245 (13) A2
- (21) PCT/US2004/015552
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 60/471,992 20 May/mai 2003 US
(20.05.2003)
- (30) 10/829,818 22 Apr/avr 2004 US
(22.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • COMPOSITION GRADIENT CERMETS
AND REACTIVE HEAT TREATMENT
PROCESS FOR PREPARING SAME
- CERMETS A GRADIENT DE COMPO-
SITION, ET PROCESSUS DE TRAITE-
MENT THERMIQUE REACTIF PER-
METTANT DE LES PREPARER
- (71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).
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- (72, 75) CHUN, ChangMin [KR/US]; 106 Tom-
ahawk Court, Belle Mead, NJ 08502 (US).
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[US/US]; 5 Revere Court, Annandale, NJ
08801 (US). JIN, Hyun-Woo [KR/US];
Apt. 3B, 680 Corliss Avenue, Phillipsburg,
NJ 08865 (US). KOO, Jayoung [US/US];
828 Star View Way, Bridgewater, NJ 08807
(US). PETERSON, John, Roger [US/US];
43683 Frost Court, Ashburn, VA 20147 (US).
ANTRAM, Robert, Lee [US/US]; 7343
Windsor Court, Warrenton, VA 20186 (US).
FOWLER, Christopher, John [US/US];
7116 Wesley Road, Springfield, VA 22150
(US).
- (74) VARADARAJ, Ramesh et al. / etc.; Exxon-
Mobil Research and Engineering Company,
1545 Route 22 East, P.O. Box 900, Annan-
dale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).
- Published / Publiée : (c)
-
- (51)⁷ C22C 29/00
- (11) WO 2004/104247 (13) A1
- (21) PCT/US2004/015556
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 60/471,791 20 May/mai 2003 US
(20.05.2003)
- (30) 10/829,822 22 Apr/avr 2004 US
(22.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MULTI-SCALE CERMETS FOR HIGH
TEMPERATURE EROSION-CORRO-
SION SERVICE
- CERMETS MULTI-ECHELLES POUR
UTILISATION CONTRE LA CORRO-
SION-EROSION A HAUTE TEMPERA-
TURE
- (71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BANGARU, Narasimha-Rao, Venkata
[US/US]; 5 Revere Court, Annandale, NJ
08801 (US). KOO, Jayoung [US/US]; 828
Star View Way, Bridgewater, NJ 08807
(US). CHUN, ChangMin [KR/US]; 106
Tomahawk Court, Belle Mead, NJ 08502
(US). JIN, Hyun-Woo [US/US]; 680 Corliss
Avenue, Apt. 3B, Phillipsburg, NJ 08865
(US). PETERSON, John, Roger [US/US];
43683 Frost Court, Ashburn, VA 20147 (US).
ANTRAM, Robert, Lee [US/US]; 7343
Windsor Court, Warrenton, VA 20186 (US).
FOWLER, Christopher, John [US/US];
7116 Wesley Road, Springfield, VA 22150
(US).
- (74) VARADARAJ, Ramesh et al. / etc.; Exxon-
Mobil Research and Engineering Company,
1545 Route 22 East, P.O. Box 900, Annan-
dale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).
- Published / Publiée : (c)
-
- (51)⁷ C22C 29/04
- (11) WO 2004/104248 (13) A2
- (21) PCT/US2004/015554
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 60/471,994 20 May/mai 2003 US
(20.05.2003)
- (30) 10/829,820 22 Apr/avr 2004 US
(22.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ADVANCED EROSION RESISTANT
CARBONITRIDE CERMETS
- CERMETS AMELIORES A BASE DE
CARBONITRURE RESISTANTS A
L'EROSION
- (71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; P.O.
Box 900, 1545 Route 22 East, Annandale, NJ
08801-0900 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CHUN, ChangMin [KR/US]; 106 Tom-
ahawk Court, Belle Mead, NJ 08502 (US).
BANGARU, Narasimha-Rao, Venkata

- [US/US]; 5 Revere Court, Annandale, NJ 08801 (US). JIN, Hyun-Woo [KR/US]; Apt. 3B, 680 Corliss Avenue, Phillipsburg, NJ 08865 (US). KOO, Jayoung [US/US]; 828 Star View Way, Bridgewater, NJ 08807 (US). PETERSON, John, Roger [US/US]; 43683 Frost Court, Ashburn, VA 20147 (US). ANTRAM, Robert, Lee [US/US]; 7343 Windsor Court, Warrenton, VA 20186 (US). FOWLER, Christopher, John [US/US]; 7116 Wesley Road, Springfield, VA 22150 (US).
- (74) VARADARAJ, Ramesh et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 C22C 29/06, B22F 7/00
- (11) WO 2004/104250 (13) A1
- (21) PCT/US2004/015558
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 60/471,789 20 May/mai 2003 US (20.05.2003)
- (30) 10/829,823 22 Apr/avr 2004 US (22.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • EROSION-CORROSION RESISTANT CARBIDE CERMETS FOR LONG TERM HIGH TEMPERATURE SERVICE
- CERMETS A BASE DE CARBURE RESISTANT A L'EROSION ET A LA CORROSION POUR UTILISATION DE LONGUE DUREE AUX TEMPERATURES ELEVEES
- (71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BANGARU, Narasimha-Rao, Venkata [US/US]; 5 Revere Court, Annandale, NJ 08801 (US). CHUN, ChangMin [KR/US]; 106 Tomahawk Court, Belle Mead, NJ 08502 (US). THIRUMALAI, Neeraj, Srinivas [IN/US]; 106 Arrowhead Court, Apt. D7, Phillipsburg, NJ 08865 (US). LING, Shiun [US/US]; 66 Park Avenue, Apt. D3, Washington, NJ 07882 (US). JIN, Hyun-Woo [KR/US]; 680 Corliss Avenue, Apt. 3B, Phillipsburg, NJ 08865 (US). KOO, Jayoung [US/US]; 828 Star View Way, Bridgewater, NJ 08807 (US). PETERSON, John, Roger [US/US]; 43683 Frost Court, Ashburn, VA 20147 (US). ANTRAM, Robert, Lee [US/US]; 7343 Windsor Court, Warrenton, VA 20186 (US). FOWLER, Christopher, John [US/US]; 7116 Wesley Road, Springfield, VA 22150 (US).
- (74) VARADARAJ, Ramesh et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).
-
- Published / Publiée : (c)
- (51)⁷ C22C 29/12
- (11) WO 2004/104251 (13) A1
- (21) PCT/US2004/015559
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 60/471,792 20 May/mai 2003 US (20.05.2003)
- (30) 10/829,821 22 Apr/avr 2004 US (22.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ADVANCED EROSION RESISTANT OXIDE CERMETS
- CERMETS A BASE D'OXYDE RESISTANT A L'EROSION PERFECTIONNES
- (71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BANGARU, Narasimha-Rao, Venkata [US/US]; 5 Revere Court, Annandale, NJ 08801 (US). CHUN, ChangMin [KR/US]; 106 Tomahawk Court, Belle Mead, NJ 08502 (US). JIN, Hyun-Woo [KR/US]; 680 Corliss Avenue, Apt. 3B, Phillipsburg, NJ 08865 (US). KOO, Jayoung [US/US]; 828 Star View Way, Bridgewater, NJ 08807 (US). PETERSON, John, Roger [US/US]; 43683 Frost Court, Ashburn, VA 20147 (US). ANTRAM, Robert, Lee [US/US]; 7343 Windsor Court, Warrenton, VA 20186 (US). FOWLER, Christopher, John [US/US]; 7116 Wesley Road, Springfield, VA 22150 (US).
- (74) VARADARAJ, Ramesh et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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

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(51)⁷ C22C 33/08, C21C 1/10, B22D 27/20
(11) WO 2004/104252 (13) A1
(21) PCT/FR2004/001167
(22) 13 May/mai 2004 (13.05.2004)
(25) fr (26) fr
(30) 03/06033 20 May/mai 2003 FR
(20.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INOCULANT PRODUCTS COMPRIS-
ING BISMUTH AND RARE EARTHS
• PRODUITS INOCULANTS CONTE-
NANT DU BISMUTH ET DES TERRES
RARES

(71) PECHINEY ELECTROMETALLURGIE
[FR/FR]; 517, avenue de la Boisse, F-73000
Chambéry (FR).

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les États désignés sauf US)*

(72, 75) MARGARIA, Thomas [FR/FR]; 182,
rue Pierre Brasseur, F-73000 Chambéry (FR).
SICLARI, Roland [FR/FR]; 5, rue Myrtil
Dupont, F-54340 Pompey (FR).

(74) MOUGEOT, Jean-Claude; 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 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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Declarations / Déclarations :

(t) for the following designation / pour la
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(u) for / pour US only / seulement

(51)⁷ C22C 37/06, 37/08, 37/10, 38/38, 38/58,
C21D 5/04

(11) WO 2004/104253 (13) A1
(21) PCT/AU2004/000678
(22) 21 May/mai 2004 (21.05.2004)
(25) en (26) en
(30) 2003902535 22 May/mai 2003 AU
(22.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WEAR RESISTANT CAST IRON
• FONTE RESISTANTE A L'USURE

(71) WEIR WARMAN LIMITED [AU/AU]; 1
Marden Street, Artarmon, New South Wales
2064 (AU).

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

(72, 75) DOLMAN, Kevin, Francis [AU/AU];
247 Malton Road, North Epping, New South
Wales 2121 (AU).

(74) GRIFFITH HACK; 3/509 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 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 C22C 38/00, C23C 10/18, C21D 8/02, 9/46

(11) WO 2004/104254 (13) A1
(21) PCT/FR2004/001149
(22) 12 May/mai 2004 (12.05.2004)
(25) fr (26) fr
(30) 03/06004 19 May/mai 2003 FR
(19.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH-RESISTANT SHEET METAL
WHICH IS COLD ROLLED AND ALU-
MINIZED IN DUAL PHASE STEEL
FOR AN ANTI-IMPLOSION BELT FOR
A TELEVISION AND METHOD FOR
THE MANUFACTURE THEREOF

• TOLE LAMINEE A FROID ET ALU-
MINIEE EN ACIER DUAL PHASE A
TRES HAUTE RESISTANCE POUR
CEINTURE ANTI-IMPLOSION DE
TELEVISEUR, ET PROCEDE DE FA-
BRICATION DE CETTE TOLE

(71) USINOR [FR/FR]; Immeuble "La Pacific"-
La Défense 7, 11/13, Cours Valmy, F-92800
Puteaux (FR).

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les États désignés sauf US)*

(72, 75) MOULIN, Antoine [FR/FR]; 49, rue
des Allemands, F-57000 Metz (FR). DE-
GAND, Christophe [US/US]; 45 Shadow
Lane-New Rochelle, New York, NY 10801
(US). SPEHNER, Dominique [FR/FR]; 72,
avenue Philippoteaux, F-08200 Sedan (FR).

(74) PLAISANT, Sophie; Usinor DIR-PI, Im-
meuble "La Pacific", TSA 10001, F-92070 -
La Défense 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 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).

Published / Publiée : (c)

(51)⁷ C22C 38/00, 38/32, 38/54, C21D 9/08,
B60R 21/26
(11) WO 2004/104255 (13) A1
(21) PCT/JP2004/007228
(22) 20 May/mai 2004 (20.05.2004)
(25) ja (26) ja
(30) 2003-143764 21 May/mai 2003 JP
(21.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TUBE D'ACIER POUR SYSTEME DE
COUSSIN DE SECURITE GONFLABLE
ET PROCEDE DE PRODUCTION AS-
SOCIE
• METHODE D'ANALYSE DE LA FONC-
TION PHYSIOLOGIQUE D'UNE SUB-
STANCE CIBLE

(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) ARAI, Yuji [JP/JP]; c/o SUMITOMO
METAL INDUSTRIES, LTD., 5-33, Kita-
hama 4-chome., Chuo-ku, Osaka-shi., Os-
aka5410041 (JP). KONDO, Kunio [JP/JP];
c/o SUMITOMO METAL INDUSTRIES,
LTD., 5-33, Kitahama, Chuo-ku, Osaka-shi.,
Osaka5410041 (JP).

(74) HIROSE, Shoichi; Tozan Building, 4-2,
Nihonbashi Honcho 4-chome., Chuo-Ku,
Tokyo1030023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C22C 38/04, 38/14, C21D 9/46

(11) WO 2004/104256 (13) A1
(21) PCT/JP2004/000126
(22) 9 Jan/jan 2004 (09.01.2004)
(25) en (26) en
(30) 2003-143638 21 May/mai 2003 JP
(21.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A COLD-ROLLED STEEL SHEET
HAVING A TENSILE STRENGTH
OF 780 MPA OR MORE AN EXCEL-
LENT LOCAL FORMABILITY AND A
SUPPRESSED INCREASE IN WELD
HARDNESS

• TOLE D'ACIER LAMINEE A FROID
AYANT UNE RESISTANCE A LA

TRACTION D'AU MOINS 780 MPA, UNE FORMABILITE LOCALE EXCELLENTE ET ACCROISSEMENT SUPPRIME DE LA DURETE DE SOUDAGE

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP).

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

(72, 75) **GOTO, Koichi** [JP/JP]; C/O NIPPON STEEL CORPORATION NAGOYA WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi, 4768686 (JP). **OKAMOTO, Riki** [JP/JP]; C/O NIPPON STEEL CORPORATION NAGOYA WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi, 4768686 (JP). **TANIGUCHI, Hirokazu** [JP/JP]; C/O NIPPON STEEL CORPORATION NAGOYA WORKS, 5-3, Tokaimachi, Tokai-shi, Aichi, 4768686 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22C 38/22, C10G 9/20

(11) **WO 2004/104257** (13) A1

(21) PCT/SE2004/000757

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 0301500-5 **20 May/mai 2003 (20.05.2003)** SE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **RADIANT TUBE IN CRACKING FURNACES**

• **TUBE RADIANT POUR FOURS DE CRAQUAGE**

(71) **SANDVIK AB** [SE/SE]; S-811 81 Sandviken (SE).

(72) **BERGLUND, Roger**; Skyttegatan 5, S-723 38 Västerås (SE). **LUNDBERG, Mats**; Odengatan 12, S-811 34 Sandviken (SE). **ÖHNGREN, Mats**; Prästgårdsgatan 13 b, Igh, S-752 30 Uppsala (SE).

(74) **MELIN, Linda**; 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 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 C22F 1/04, 1/047, 1/057

(11) **WO 2004/104258** (13) A1

(21) PCT/FR2004/001176

(22) **14 May/mai 2004 (14.05.2004)**

(25) fr (26) fr

(30) 03/06036 **20 May/mai 2003 (20.05.2003)** FR

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD FOR WELDING BY MEANS OF FRICTION - AGITATION OF ALUMINIUM ALLOY PARTS WITH HEAT TREATMENT PRIOR TO WELDING**

• **PROCEDE DE SOUDAGE PAR FRICTION AGITATION DE PIECES EN ALLIAGE D'ALUMINIUM AVEC TRAITEMENT THERMIQUE AVANT SOUDAGE**

(71) **PECHINEY RHENALU** [FR/FR]; 7, place du Chancelier Adenauer, F-75116 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EHRSTROM, Jean-Christophe** [FR/FR]; 5, place des Jacobins, F-38130 Echirolles (FR). **WARNER, Timothy** [GB/FR]; 62, rue de Bouvardière, F-38340 Voreppe (FR).

(74) **SCHMIDT, Martin, Peter**; 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 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).

Published / Publiée : (c)

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ C23C

(11) **WO 2004/104259** (13) A2

(21) PCT/US2004/015682

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 10/440,093 **19 May/mai 2003 (19.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PROCESS AND APPARATUS FOR HIGH PRODUCTIVITY CARBURIZING**

• **PROCEDE ET APPAREIL POUR LA CEMENTATION A HAUTE VITESSE**

(71) **PRAXAIR TECHNOLOGY, INC.** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5133 (US).

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(72, 75) **VAN DEN SYPE, Jaak, Stefan** [BE/US]; 33 Landing Drive, Dobbs Ferry, NY 10522 (US). **BARLOW, Alan, Russell** [US/US]; 162 North Salem Road, Ridgefield, CT 06877 (US). **VIOTTO, Edison** [BR/US]; Rua Monteiro Soares Filho 183, Vila Zelina, Sao Paulo (BR).

(74) **SCHWARTZ, Lurie, A. et al.** / etc.; Praxair, Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).

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

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 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)

(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 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 C23C 4/04

(11) **WO 2004/104260** (13) A1

(21) PCT/IB2004/001705

(22) **25 May/mai 2004 (25.05.2004)**

(25) en (26) en

(30) P-200301316 **26 May/mai 2003 (26.05.2003)** ES

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • POWDER MIXTURE FOR THERMAL PROJECTION, METHOD FOR THE OBTENTION OF A COATING AND COATING OBTAINED.

• MELANGE PULVERULENT POUR PROJECTION THERMIQUE, PROCEDE D'OBTENTION D'UN REVETEMENT ET REVETEMENT AINSI OBTENU

- (71) **SOCIEDAD ESPAÑOLA DE CARBUROS METALICOS, S.A.** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES). **FERNANDEZ IGLESIAS, Daniel** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SANCHEZ MOLINO, Francisco Javier** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES). **GUILEMANY CASADEMON, Josep Maria** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES). **FERNANDEZ GONZALEZ, Javier** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES). **MIGUEL CAMPRECIÓS, Juan Ramón** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES). **NAVARRO HERENCIA, Jesús** [ES/ES]; Universitat Autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES). **NIN PROS, Jaume** [ES/ES]; Universitat autònoma CAMPUS UAB, Pl. Cívica, local P, n° 12, E-08193 BELLATERRA (ES).

- (74) **PONTI SALES, Adelaida et al.** / etc.; OFICINA PONTI, S.L., C. de Consell de Cent 322, E-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 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).

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 US UZ VN YU ZA ZM ZW 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)

(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 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)

(u) for / pour US only / seulement

- (51)⁷ C23C 10/18, 10/24, 10/26, B05D 1/18, 3/02

- (11) WO 2004/104261 (13) A1

- (21) PCT/US2004/014178

- (22) 6 May/mai 2004 (06.05.2004)

- (25) en (26) en

- (30) 10/440,802 19 May/mai 2003 US (19.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COATINGS FOR METAL CASTING PARTS

• REVETEMENT POUR PIECES DE COULEE METALLIQUES

- (71) **RUSSIAN-AMERICAN TECHNOLOGY ALLIANCE, INC.** [US/US]; 675 Springview Court, Roswell, GA 30076-2627 (US).

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

- (71, 72) **BUDARAGIN, Leonid, V.** [RU/RU]; 32/37 Andropov Avenue, Apt. 83, Moscow, 115487 (RU). **DEININGER, Mark** [US/US]; 675 Springview Court, Roswell, GA 30076-2627 (US).

- (74) **PRATT, John, S. et al.** / etc.; 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 C23C 14/12, F21S 8/10, F21V 7/22

- (11) WO 2004/104262 (13) A1

- (21) PCT/JP2004/007438

- (22) 25 May/mai 2004 (25.05.2004)

- (25) ja (26) ja

- (30) 2003-147227 26 May/mai 2003 JP (26.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FILM-FORMING APPARATUS AND FILM-FORMING METHOD

• APPAREIL DE FORMATION DE FILMS ET PROCÉDÉ DE FORMATION DE FILMS

- (71) **SHINMAYWA INDUSTRIES, LTD.** [JP/JP]; 1-1, Shinmeiwa-cho, Takarazuka-shi, Hyogo, 6658550 (JP).

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

- (72, 75) **NOSE, KoichiSASAGAWA, Koichi-FURUTSUKA, TakeshiTAKIGAWA, Shi-roKOIZUMI, Yasuhiro**

- (74) **SUMIDA, Yoshihiro et al.** / etc.; Arco Patent Office 3rd Fl., Bo-eki Bldg., 123-1, Higashimachi, 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 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 C23C 14/22

- (11) WO 2004/104263 (13) A1

- (21) PCT/RU2004/000149

- (22) 21 Apr/avr 2004 (21.04.2004)

- (25) en (26) en

- (30) 2003115309 22 May/mai 2003 RU (22.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • A METHOD FOR FORMING A SUPERHARD AMORPHOUS CARBON COATING IN VACUUM

• PROCEDE DE FORMATION D'UN REVETEMENT SUPER DUR EN CARBONE AMORPHE, SOUS VIDE

- (71) **"ALJBATECH" LIMITED** [RU/RU]; ul. Tretiya Frunzenskaya, 12, Moscow, 119146 (RU).

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

- (72, 75) **KOLPAKOV, Alexandr Yakovlevich** [RU/RU]; pr. Vatutina, 18-17, Belgorod, 308034 (RU). **INKIN, Vitaly Nikolaevich** [RU/RU]; Zelenograd, 510-25, Moscow, 129337 (RU). **UKHANOV, Sergei Ivanovich** [RU/RU]; Yaroslavl'skoe shosse, 24-2-256, Moscow, 129337 (RU).

- (74) **EGOROVA, Galina et al.** / etc.; Law Firm Gorodissky & Partners, B. Spasskaya 25-3, Moscow, 129010 (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 VN YU ZA ZM ZW.

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 14/56, F16J 15/16, B29C 37/00

(11) WO 2004/104264 (13) A1

(21) PCT/BE2004/000055

(22) 19 Apr/avr 2004 (19.04.2004)

(25) fr (26) fr

(30) 03447123.5 23 May/mai 2003 EP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEALING LOCK FOR AN IN VACUO LINE FOR DEPOSITION ON A FLAT PRODUCT

• SAS D'ETANCHEITE POUR LIGNE DE DEPOT SOUS VIDE SUR PRODUIT PLAT

(71) R & D DU GROUPE COCKERILL-SAMBRE [BE/BE]; Campus universitaire du Sart-Tilman, Bld de Colonster B57, B-4000 LIEGE (BE).

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

(72, 75) COOLEN, Stéphane [BE/BE]; Rue Le Halleux 69, B-4550 NANDRIN (BE). SILBERBERG, Eric [BE/BE]; Rue de Bellaire 14a, B-5340 GESVES (BE). MARNEFFE, Didier [BE/BE]; Rue Nouvelle Route 185b, B-4480 ENGIS (BE). D'HONDT, Bernard [BE/BE]; Kruipweg 7, B-1120 BRUXELLES (BE). DE FELICE, Claudio [BE/BE]; Rue d'Anixhe 156, B-4450 JUPRELLE (BE).

(74) VAN MALDEREN, Michel et al. / etc.; OFFICE VAN MALDEREN, Bld de la Sauvenière 85/043, B-4000 LIEGE (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).

(51)⁷ C23C 16/46, 16/448, 16/458

(11) WO 2004/104265 (13) A1

(21) PCT/EP2004/050325

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 10323085.8 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CVD COATING DEVICE

• DISPOSITIF DE REVETEMENT CVD

(71) AIXTRON AG [DE/DE]; Kackertstrasse 15-17, 52072 Aachen (DE).

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

(72, 75) KÄPPELER, Johannes [DE/DE]; Zeisigweg 47, 52146 Würselen (DE).

(74) GRUNDMANN, Dirk et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 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 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 C23C 22/16, 22/18, 22/36, 22/73

(11) WO 2004/104266 (13) A1

(21) PCT/EP2004/005282

(22) 17 May/mai 2004 (17.05.2004)

(25) de (26) de

(30) 103 23 305.9 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SOLUTION FOR COATING METAL SURFACES WITH A PHOSPHATING SOLUTION CONTAINING WATER PEROXIDE, PRODUCED METAL OBJECT AND USE OF SAID OBJECT

• SOLUTION ET PROCEDE PERMETTANT DE REVETIR DES SURFACES METALLIQUES AU MOYEN D'UNE SOLUTION DE PHOSPHATATION CONTENANT DU PEROXYDE D'HYDROGENE, OBJET METALLIQUE PRODUIT AU MOYEN DU PROCEDE ET DE LA SOLUTION, ET UTILISATION DE CET OBJET

(71) CHEMETALL GMBH [DE/DE]; Trakehner Strasse 3, 60487 Frankfurt am Main (DE).

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

(72, 75) NITSCHKE, Thomas [DE/DE]; Tulpenweg 4, 61381 Friedrichsdorf (DE). REIN, Rüdiger [DE/DE]; Lahn-Dill-Strasse 20, 35236 Breidenbach (DE). SCHÖNFELDER, Eckart [DE/DE]; In der Ritzbach 38, 65510 Idstein (DE). SCHUBACH, Peter [DE/DE]; Dr.-Carl-Henss-Strasse 15, 61130 Nidderau/Windecken (DE). SPECHT, Jürgen [DE/DE]; Albert-Schweitzer-Strasse 11, 63110 Rodgau (DE).

(74) HÜBNER, Günter; 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 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 C23C 22/56

(11) WO 2004/104267 (13) A1

(21) PCT/US2004/010592

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/439,988 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROTECTIVE FLUORIDE COATINGS FOR ALUMINUM ALLOY ARTICLES

• REVETEMENTS PROTECTEURS DE FLUORURE POUR ARTICLES EN ALLIAGE D'ALUMINIUM

(71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).

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

(72, 75) JANKOSKY, Sally, A. [US/US]; 528 Edgeview Drive, Lower Burrell, PA 15068 (US). OPALKA, Susanne, M. [US/US]; 358 Carriage Drive, Glastonbury, CT 06033 (US). KOLEK, Paula, L. [US/US]; 105 New Orchard Drive, Tarentum, PA 15094 (US). HARENSKI, Joseph, P. [US/US]; 2754 Roselyn Drive, Export, PA 15632 (US). KAUFOLD, Roger, W. [US/US]; 2035 Karen Drive, Pittsburgh, PA 15237 (US). WIESERMAN, Larry, F. [US/US]; 807 Shirly Street, Apollo, PA 15613 (US).

(74) TOPOLOSKY, Gary, P. et al. / etc.; Eckert Seamans Cherin & Mellott, LLC, Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (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).

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)

(f) for all designations / pour toutes les
désignations

(51)⁷ C23C 24/04, F16C 33/20

(11) WO 2004/104268 (13) A1

(21) PCT/EP2004/004324

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 23 832.8 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING PLAIN
BEARING BUSHES

• PROCEDE DE FABRICATION DE
COUSSINETS LISSES

(71) SAINT-GOBAIN PERFORMANCE
PLASTICS PAMPUS GMBH [DE/DE];
Am Nordkanal 37, 47877 Willich (DE).

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

(72, 75) HOLZER, Gerhard [DE/DE]; Am Rot-
dom 26a, 47804 Krefeld (DE).

(74) COHAUSZ & FLORACK (24); Bleichstr.
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 LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 C23F 1/46

(11) WO 2004/104269 (13) A1

(21) PCT/FR2004/050196

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 0305879 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR RECOVERING COPPER
FROM A USED AMMONIACAL ETCH-
ING SOLUTION AND FOR REGENER-
ATING AN AMMONIUM SALT

• PROCEDE DE RECUPERATION DU
CUIVRE D'UNE SOLUTION DE
GRAVURE AMMONIACALE USEE
ET DE REGENERATION D'UN SEL
D'AMMONIUM

(71) AIRBUS FRANCE [FR/FR]; 316, route de
Bayonne, F-31060 TOULOUSE (FR). RVX

SA [FR/FR]; Z.I., 222, avenue de Savoie,
F-74130 BONNEVILLE (FR).

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

(72, 75) BEDOS, Jean-Philippe [FR/FR]; 37,
chemin Jaffary, F-31200 TOULOUSE (FR).
JONCA, Henri [FR/FR]; 30, boulevard Jean
Brunhes, Bâtiment 2, F-31300 TOULOUSE
(FR). RIZET, Laurent [FR/FR]; 2470, route
de Boisinges, F-74250 VIUZ EN SALLAZ
(FR). GIRARDOT, Jean-Claude [FR/FR];
99, clos les Airelles, F-74930 REIGNIER
(FR).

(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 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).

Published / Publiée : (c)

(51)⁷ C23F 13/10, 13/14, 13/16

(11) WO 2004/104270 (13) A1

(21) PCT/HR2004/000013

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) P20030414A 22 May/mai 2003 HR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CATHODIC PROTECTION OF HEAT
EXCHANGER TUBES BY MEANS OF
MOBILE SACRIFICIAL ANODES

• PROTECTION CATHODIQUE DES
TUBES D'ECHANGEURS THER-
MIQUES AU MOYEN D'ANODES
SACRIFICIELLES MOBILES

(71, 72) IVUSIC, Vinko [HR/HR]; Poljana D.
Kalea 6, 10000 Zagreb (HR).

(74) DIDAK, Vinko; B. Magovca 15, 10010 Za-
greb (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 C23F 14/00, 15/00, 14/02, F16L 58/04,
C23C 22/50, 22/62, 22/68, 20/06, 20/08,
C09D 1/02

(11) WO 2004/104271 (13) A1

(21) PCT/NZ2004/000098

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 526113 23 May/mai 2003 NZ
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS OF PREVENTING PRO-
TEIN FOULING AND COMPOSITIONS
THEREFOR

• PROCEDES ET COMPOSITIONS EM-
PECHANT LES SALISSURES PAR LES
PROTEINES

(71) INDUSTRIAL RESEARCH LIMITED
[NZ/NZ]; Brooke House, 24 Balfour Road,
Parnell, Auckland (NZ).

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

(72, 75) PARBHU, Ashok, Neil [NZ/NZ]; 104a
Balmoral Road, Balmoral, Auckland (NZ).

(74) BALDWIN SHELSTON WATERS; PO
Box 5999, Auckland (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 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 C25B 11/04

(11) WO 2004/104272 (13) A1

(21) PCT/JP2004/007102

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-147055 26 May/mai 2003 JP
(26.05.2003)

(30) 2003-369534 29 Oct/oct 2003 JP
(29.10.2003)

(30) 2003-375771 5 Nov/nov 2003 JP
(05.11.2003)

(30) 2004-030301 6 Feb/fév 2004 JP
(06.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAMOND-COATED ELECTRODE
AND METHOD FOR PRODUCING
SAME

• ELECTRODE A DIAMANT ET PRO-
CEDE DE PRODUCTION

(71) SUMITOMO ELECTRIC 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) **SEKI, Yuichiro** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). **IZUMI, Kenji** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). **IMAI, Takahiro** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (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 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).

Published / Publiée : (c)

(51)⁷ C25C 3/12, 3/06

(11) WO 2004/104273 (13) A1

(21) PCT/US2003/028449

(22) 11 Sep/sep 2003 (11.09.2003)

(25) en (26) en

(30) 10/431,403 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CU-NI-FE ANODE FOR USE IN ALUMINUM PRODUCING ELECTROLYTIC CELL

• ANODE CU-NI-FE ANODE POUR CELLULE ELECTROLYTIQUE DE PRODUCTION D'ALUMINIUM

(71) **NORTHWEST ALUMINUM TECHNOLOGIES** [US/US]; 1080 West Ewing Place, Seattle, WA 98119 (US).

(72) **BERGSMA, S., Craig**; 1629 East 19th Street, The Dalles, OR 97058 (US). **BROWN, Craig, W.**; 13512 Wallingford Avenue, N., Seattle, WA 98133 (US). **BRADFORD, Donald, R.**; 52 Sunrise Road, Underwood, WA (US). **BARNETT, Robert, J.**; 52 Adams Loop Road, Goldendale, WA 98620 (US). **MEZNER, Michael, B.**; 58830 E. Cabin Lane, Sandy, OR 97055 (US).

(74) **MASS, Clifford, J.** 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 NI 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 C30B

(11) WO 2004/104274 (13) A2

(21) PCT/US2004/015881

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,916 20 May/mai 2003 US (20.05.2003)

(30) 60/488,677 18 Jul/juil 2003 US (18.07.2003)

(30) 60/560,427 8 Apr/avr 2004 US (08.04.2004)

(30) 10/849,332 19 May/mai 2004 US (19.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ZINC OXIDE CRYSTAL GROWTH SUBSTRATE

• SUBSTRAT DE CROISSANCE D'UN CRISTAL D'OXYDE DE ZINC

(71, 72) **BURGENER, Robert, H., II** [US/US]; 418 West Winchester Street, Murray, UT 84107 (US). **FELIX, Roger, L.** [US/US]; 2391 North 180 West, Pleasant Grove, UT 84062 (US). **RENLUND, Gary, M.** [US/US]; 2094 East Worchester Drive, Salt Lake City, UT 84121 (US).

(74) **WITT, Evan, R.**; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, Utah 84101 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C30B 25/12, 25/16, 35/00, C23C 16/52

(11) WO 2004/104275 (13) A1

(21) PCT/US2004/015200

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,157 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROMAGNETIC ROTATION OF PLATTER

• MISE EN ROTATION ELECTROMAGNETIQUE D'UN SUBSTRAT METALLIQUE

(71) **CARACAL, INC.** [US/US]; 4514 Plummer Street, Pittsburgh, PA 15201 (US).

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

(72, 75) **KORDINA, Olof, Claes, Erik** [SE/US]; I-21 Forest Heights, Butler, PA 16001 (US).

(74) **KLUGER, Joan, T** et al. / etc.; Schnader Harrison Segal & Lewis LLP, 1600 Market Street, Suite 3600, 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 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).

Published / Publiée : (c)

(51)⁷ C30B 29/22, 23/08, 25/18, 29/30, 29/32, C23C 14/08, 16/40

(11) WO 2004/104276 (13) A1

(21) PCT/JP2004/007309

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144085 21 May/mai 2003 JP (21.05.2003)

(30) 2004-150881 20 May/mai 2004 JP (20.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PRODUCING SINGLE CRYSTAL OF MULTI-ELEMENT OXIDE SINGLE CRYSTAL CONTAINING BISMUTH AS CONSTITUTING ELEMENT

• PROCEDE DE PRODUCTION DE MONOCRISTAL D'OXYDE A ELEMENTS MULTIPLES CONTENANT DU BISMUTH COMME ELEMENT CONSTITUANT

(71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 1-8, Honcho 4-chome., Kawaguchi-shi, Saitama 3320012 (JP).

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

(72, 75) **KOINUMA, Hideomi** [JP/JP]; 47-8, Ogikubo 3-chome., Suginami-ku, Tokyo 1670051 (JP). **MATSUMOTO, Yuji** [JP/JP]; 3-407, Enokigaoka 14-chome, Aoba-ku., Yokohama-shi, Kanagawa 2270063 (JP). **TAKAHASHI, Ryota** [JP/JP]; 16-24, Seta 1-chome., Setagaya-ku, Tokyo 1580095 (JP).

(74) **NISHI, Yoshiyuki**; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi Kanagawa, Kanagawa 2350036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 D01D 5/253, D06P 1/00, D21H 21/48, 15/02

- (11) WO 2004/104277 (13) A1

- (21) PCT/CH2004/000287

- (22) 12 May/mai 2004 (12.05.2004)

- (25) en (26) en

- (30) 03405361.1 22 May/mai 2003 EP (22.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PHOTOLUMINESCENT FIBRE, SECURITY PAPER AND OTHER SECURITY ARTICLES

- FIBRE PHOTOLUMINESCENTE, PAPIER DE SECURITE ET AUTRES ARTICLES DE SECURITE

- (71) LANDQART [CH/CH]; Kantonsstrasse, CH-7302 Landquart (CH).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) GROB, Jakob [CH/CH]; Isla 99 D, CH-7303 Mastrils (CH). FRANKEN, Klaus [DE/CH]; Rebhaldenweg 78, CH-7206 Igis (CH).

- (74) BREMI, Tobias; 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 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 D01H 5/72

- (11) WO 2004/104278 (13) A1

- (21) PCT/EP2004/050885

- (22) 21 May/mai 2004 (21.05.2004)

- (25) de (26) de

- (30) 103 23 757.7 22 May/mai 2003 DE (22.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NONWOVEN GUIDING DEVICE FOR A TEXTILE MACHINE, AND ASSOCIATED TEXTILE MACHINE

- DISPOSITIF DE GUIDAGE DE NON-TISSE POUR MACHINE TEXTILE ET MACHINE TEXTILE

- (71) RIETER INGOLSTADT SPIN- NEREIMASCHINENBAU AG [DE/DE]; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).

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

- (72, 75) KRIEGLER, Albert [DE/DE]; Ziegeleistrasse 5, 85290 Geisenfeld (DE). FICKER, Frank [DE/DE]; Summererweg 3, 85084 Reichertshofen/Ronnweg (DE). WIEDE, Corinna [DE/DE]; Enzianstrasse 12, 85098 Grossmehring (DE).

- (74) SCHLIEF, Thomas et al. / etc.; 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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ D01H 5/86

- (11) WO 2004/104279 (13) A1

- (21) PCT/DE2004/001033

- (22) 15 May/mai 2004 (15.05.2004)

- (25) de (26) de

- (30) 103 22 575.7 20 May/mai 2003 DE (20.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • RING SPINNING MACHINE COMPRISING COMPRESSION DEVICES

- METIER CONTINU A FILER POURVU DE DISPOSITIFS DE COMPRESSION

- (71) SAURER GMBH & CO KG [DE/DE]; Landgrafenstrasse 45, 41069 Mönchengladbach (DE).

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

- (72, 75) SMEKAL, Jürgen [DE/DE]; Hattenhofer Strasse 53/1, 73278 Schlierbach (DE). KRAWIETZ, Stefan [DE/DE]; Martinstrasse 82, 73061 Ebersbach (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 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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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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

- (51)⁷ D02G 1/08, 1/02, D02J 13/00

- (11) WO 2004/104280 (13) A2

- (21) PCT/FR2004/001206

- (22) 17 May/mai 2004 (17.05.2004)

- (25) fr (26) fr

- (30) 03/06114 19 May/mai 2003 FR (19.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DEVICE FOR REGULATION AND CONTROL OF THE STABILITY OF THE TENSION BALANCE IN A SYNTHETIC THREAD

- DISPOSITIF DE REGLAGE ET DE CONTROLE DE LA STABILITE DE L'EQUILIBRE DE TENSION D'UN FIL SYNTHETIQUE

- (71) RIETER TEXTILE MACHINERY FRANCE [FR/FR]; Allée Charles Baron, Z.I. Les Auréats, F-26014 Valence Cedex (FR).

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- (72, 75) MATAS, Carlos [FR/FR]; 9 Allée Katia et Maurice Kraft, F-26000 Valence (FR). FLECHON, Philippe [FR/FR]; 415 Chemin Pierre Drevet, F-69300 Caluire et Cuire (FR).

- (74) THIVILLIER, Patrick et al. / etc.; Cabinet Laurent & Charras, 3 Place de l'Hôtel de Ville, B.p. 203, F-42005 Saint Etienne Cedex 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 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).

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 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)

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

(51)⁷ D02G 3/00, D06C 29/00

(11) WO 2004/104281 (13) A1

(21) PCT/US2004/013017

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/441,502 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LUBRICANT AND SOIL RELEASE FINISH FOR TEXTURED YARNS, METHODS USING SAME AND FABRICS PRODUCED THEREFROM

• APPRET LUBRIFIANT FACILITANT LE LAVAGE, POUR FILS TEXTURES, PROCÉDES UTILISANT CET APPRET ET TISSUS PRODUITS A L'AIDE DE CES PROCÉDES

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, South Carolina 29303 (US).

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

(72, 75) DEMOTT, Roy P. [US/US]; 307 Holly Drive, Spartanburg, South Carolina 29301 (US). KING, Jerry [US/US]; 570 Bushy Creek Road, Reidville, South Carolina 29375 (US). GREER, James T. [US/US]; 532 Yorktown Road, Moore, South Carolina 29369 (US).

(74) CURRENT, Sara M.; MILLIKEN & COMPANY, LEGAL DEPARTMENT (M-495), 920 Milliken Road, Spartanburg, South Carolina 29303 (US).

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

Published / Publiée : (c)

(51)⁷ D02J

(11) WO 2004/104282 (13) A2

(21) PCT/KR2004/001161

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 20-2003-0015547 20 May/mai 2003 KR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROPE LADDER FOR SHIP

• ECHELLE DE CORDE POUR BATEAU

(71, 72) KIM, Nam Woong [KR/KR]; 2-603 Samchang park town, Dongsam 1- dong, Youngdo-gu, Busan City 606-081 (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 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 D02J 13/00, D02G 1/00

(11) WO 2004/104283 (13) A2

(21) PCT/FR2004/001207

(22) 17 May/mai 2004 (17.05.2004)

(25) fr (26) fr

(30) 03/06115 19 May/mai 2003 FR (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR REGULATION AND CONTROL OF THE STABILITY OF THE TENSION BALANCE IN A SYNTHETIC THREAD

• DISPOSITIF DE REGLAGE ET DE CONTROLE DE LA STABILITE DE L'EQUILIBRE DE TENSION D'UN FIL SYNTHETIQUE

(71) RIETER TEXTILE MACHINERY FRANCE [FR/FR]; Allée Charles Baron, Z.I. Les Auréats, F-26014 Valence Cedex (FR).

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

(72, 75) MATAS, Carlos [FR/FR]; 9, allée Katia et Maurice Krafft, F-26000 Valence (FR). FLECHON, Philippe [FR/FR]; 415, chemin Pierre Drevet, F-69300 Caluire et Cuire (FR).

(74) THIVILLIER, Patrick et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, Boîte postale 203, F-42005 Saint Etienne 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 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).

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 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)

(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 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 D03D 15/08

(11) WO 2004/104284 (13) A1

(21) PCT/US2004/012880

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/439,067 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WOVEN STRETCH FABRICS AND METHODS OF MAKING SAME

• TISSUS EXTENSIBLES TISSES ET LEURS PROCÉDES DE FABRICATION

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREER, James, T. [US/US]; 532 Yorktown, Moore, SC 29369 (US). TANTILLO, Thomas A. [US/US]; 709 Michaels Creek, Evans, GA 30809 (US). BLALOCK, John, L. [US/US]; 1253 Shadow Way, Greenville, SC 29615 (US). LOVE, Franklin, S., III [US/US]; 350 South Phillips Road, Columbus, NC 28722 (US).

(74) CURRENT, Sara, M.; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 D04H 13/00

(11) WO 2004/104285 (13) A1

(21) PCT/KR2003/002782

(22) 19 Dec/déc 2003 (19.12.2003)

(25) ko (26) en

(30) 10-2003-0033333 26 May/mai 2003 KR
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • NONWOVEN FABRIC HAVING LOW
FIBER DENSITY
• TISSU NON TISSÉ À FAIBLE DENSITÉ
DE FIBRES

(71) HANJIN PRINTING & CHEMICAL CO.,
LTD [KR/KR]; 692 Gasan-dong, Guemchun-
gu., Seoul 153-023 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHIM, Jae Hun [KR/KR]; 104-708,
Deoia-Apartment, Gomnaru, 5, Sinkang
dong, Kongju-shi, Chungcheongnam-do
314-110 (KR). LEE, Soo Young [KR/KR];
1213-808, Haan-Apartment, Haan-dong,
Kyungmoung-shi, Kyunggi-do 423-060
(KR). LYU, Seok Bong [KR/KR]; 108-5,
Bonghwang-dong, Gongju-si, Chungcheong-
nam-do 314-060 (KR). PARK, Tae Yaun
[KR/KR]; 963-4, Hogeog 1 dong, dongan-gu,
anyang-si., kyonggi-do 431-840 (KR).

(74) LIM, Byong-Chan Lim International
Patent & Law Firm; 4F1, Saewon Bldg.,
823-48, 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 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
PT RO RU SD SE SG SK SL SJ TM 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 D05B 11/00

(11) WO 2004/104286 (13) A1

(21) PCT/EP2004/004744

(22) 5 May/mai 2004 (05.05.2004)

(25) de (26) de

(30) 103 23 065.3 20 May/mai 2003 DE
(20.05.2003)

(30) 103 54 348.1 20 Nov/nov 2003 DE
(20.11.2003)

(30) 203 17 988.9 20 Nov/nov 2003 DE
(20.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • MULTI-NEEDLE CHAIN-STITCH
SEWING MACHINE
• MACHINE A COUDRE A POINT
DE CHAINETTE A PLUSIEURS AI-
GUILLES

(71) NÄHMASCHINENFABRIK EMIL
STUTZNÄCKER GMBH & CO. KG
[DE/DE]; Max-Planck-Strasse 3, 50858 Köln
(DE).

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

(72, 75) STUTZNÄCKER, Klaus [DE/DE];
Starenweg 29, 50226 Frechen (DE).

(74) WANISCHECK-BERGMANN, Axel;
Köhne & Wanischek-Bergmann & Schwarz,
Rondorfer Strasse 5a, 50968 Köln (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 SJ TM 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 D06C 5/00

(11) WO 2004/104287 (13) A1

(21) PCT/DE2004/000963

(22) 8 May/mai 2004 (08.05.2004)

(25) de (26) de

(30) 103 22 231.6 17 May/mai 2003 DE
(17.05.2003)

(30) 103 46 059.4 4 Oct/oct 2003 DE
(04.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PROCESSING UNIT FOR TUBULAR
TEXTILES
• UNITE DE TRAITEMENT DESTINEE A
UN PRODUIT TEXTILE TUBULAIRE

(71) LINDAUER DORNIER
GESELLSCHAFT MBH [DE/DE];
Rickenbacher Str. 119, 88129 Lindau (DE).

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

(72, 75) STRUDEL, Werner [DE/DE]; Re-
ichenauweg 11, 88048 Friedrichshafen (DE).
HOSTENKAMP, Oliver [DE/DE]; Hoyer-
bergstr. 6, 88131 Lindau (DE).

(74) NITZSCHNER, Günter; c/o Lindauer
Dornier GmbH, 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 SJ TM 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).

Published / Publiée : (c)

(51)⁷ D06F 25/00, 37/02, 33/02, 58/28

(11) WO 2004/104288 (13) A1

(21) PCT/JP2004/007233

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-144032 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WASHING MACHINE WITH
CLOTHES-DRYING FUNCTION
• MACHINE A LAVER A FONCTION
SECHE-LINGE

(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) KAWAMURA, Tamotsu [JP/JP]; c/o
SANYO ELECTRIC CO., LTD., 5-5, Kei-
hanondori 2-chome, Moriguchi-shi, Osaka
5708677 (JP). FUJIKAWA, Kiyokazu
[JP/JP]; c/o SANYO ELECTRIC CO., LTD.,
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 5708677 (JP). KITAMURA, Yoichi
[JP/JP]; c/o SANYO ELECTRIC CO., LTD.,
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 5708677 (JP).

(74) INAOKA, Kosaku et al. / etc.; c/o Ai Asso-
ciation of Patent and Trademark Attorneys,
Sun Mullion NBF Tower, 21st Floor, 6-12,
Minamihommachi 2-chome, Chuo-ku, Os-
aka-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 SJ TM 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 D06F 58/04

(11) WO 2004/104289 (13) A1

(21) PCT/EP2004/005149

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 494.2 **23 May/mai 2003** DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LAUNDRY DRIER

• SECHE-LINGE

(71) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH [DE/DE]; Carl-Wery-Str.
34, 81739 München (DE).

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

(72, 75) DITTMER, Lothar [DE/DE]; Gled-
itschstr. 36, 10781 Berlin (DE). NAWROT,
Thomas [DE/DE]; Hampsteadstr. 44, 14167
Berlin (DE). ZIEMANN, Andreas [DE/DE];
Am Neuen Garten 22, 14469 Berlin (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 DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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 D06H 3/08, H04N 5/225, G01N 21/892,
G01B 11/04

(11) WO 2004/104290 (13) A1

(21) PCT/JP2004/006626

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-143794 **21 May/mai 2003** JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC DETERMINATION AP-
PARATUS

• APPAREIL DE DETERMINATION AU-
TOMATIQUE

(71) DAICEL CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Os-
aka, 5908501 (JP).

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

(72, 75) KANEDA, Hiroshi [JP/JP]; 756,
Takada, Aboshi-ku, Himeji-shi, Hyogo,
6711226 (JP). TAKEBE, Masaki [JP/JP];
4-2-29, Otsu-cho, Otsu-ku, Himeji-shi,
Hyogo, 6711146 (JP).

(74) KUWATA, Mitsuo; Kuwata & Co., 6th
Floor, Minato Umeda Building, 3-17,
Nishitemma 6-chome, Kita-ku, Osaka-shi,
Osaka 530-0047 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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).

Published / Publiée : (c)

(51)⁷ D06M 11/56

(11) WO 2004/104291 (13) A1

(21) PCT/KR2003/002686

(22) 8 Dec/déc 2003 (08.12.2003)

(25) ko (26) en

(30) 10-2003-0027740 **30 Apr/avr 2003** KR
(30.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FABRIC FOR SCREENING RADIA-
TION AND METHOD FOR MANUFAC-
TURING THE SAME

• TISSU DE PROTECTION CONTRE LES
RAYONNEMENTS ET SON PROCEDE
DE FABRICATION

(71) BUFFALO CO., LTD. [KR/KR]; 1863-3
Gyohang-ri, Okpo-myeon, Dalseong-gun,
711-843 Daegu (KR).

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

(71, 72) KIM, Yong-Jin [KR/KR]; 906 Jeil Town
634-1 Hwangseong-dong, Gyeongju-si,
780-955 Gyeongsangbuk-do (KR).

(74) LEE, Sang-Yong et al. / etc.; 4F., Byukcheon
Bldg., 1597-5, Seocho-dong, Seocho-gu,
137-876 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 KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

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

(11) WO 2004/104292 (13) A2

(21) PCT/US2004/014950

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,007 **13 May/mai 2003** US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MAKING ANTIMI-
CROBIAL POLYESTER-CONTAINING
ARTICLES WITH IMPROVED WASH
DURABILITY AND ARTICLES MADE
THEREBY

• METHODE DE FABRICATION
D'ARTICLES CONTENANT UN PO-
LYESTER ANTIMICROBIEN, PRE-
SENTANT UNE DURABILITE AU LA-
VAGE ELEVEE ET ARTICLES AINSI
FABRIQUES

(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) SABESAN, Subramaniam [US/US];
2 Ross Road, Wilmington, Delaware 19810
(US).

(74) SIEGELL, Barbara, C.; E. I. DU PONT
DE NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster 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 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 D21C 3/06

(11) WO 2004/104293 (13) A1

(21) PCT/EP2004/005411

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 376.8 **21 May/mai 2003** DE
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR DELIGNIFYING LIG-
NOCELLULOSE RAW MATERIALS

• PROCEDE DE DELIGNIFICATION DE
MATERIAUX BRUTS LIGNOCELLU-
LOSIQUES

(71) VOITH PAPER FIBER SYSTEMS
GMBH & CO. KG [DE/DE]; Es-
cher-Wyss-Strasse 25, 88212 Ravensburg
(DE).

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

- (72, 75) **PATT, Rudolf** [DE/DE]; Buchallee 14a, 21465 Reimbek (DE). **ROSE, Björn** [DE/DE]; Mirowstrasse 16, 20083 Hamburg (DE). **KORDSACHIA, Othar** [DE/DE]; Schulstrasse 33, 22113 Oststeinbek (DE). **GEHR, Volker** [DE/DE]; Am Hafen 51, 25348 Glückstadt (DE). **SCHUBERT, Hans-Ludwig** [DE/DE]; Kickachstrasse 11, 88255 Baienfurt (DE).
- (74) **WENZE & KALKOFF**; Flasskuhle 6, 58452 Witten (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 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 **D21F**
- (11) **WO 2004/104294** (13) A2
- (21) PCT/EP2004/050829
- (22) **18 May/mai 2004 (18.05.2004)**
- (25) en (26) en
- (30) 60/473,664 **23 May/mai 2003 US (23.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • HIGH SHAFT FORMING FABRICS
- TOILES DE FORMATION A GRAND NOMBRE DE LAMES
- (71) **VOITH FABRICS PATENT GMBH** [DE/DE]; ST. POELTENER STRASSE 43, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAY, Stewart Lister** [GB/GB]; 12 Heapworth Avenue, Ramsbottom, Bury BL0 9EH (GB). **WESTERKAMP, Arved** [DE/DE]; Herdweg 77, 72581 Dettingen/Ems (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 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 **D21H**
- (11) **WO 2004/104296** (13) A2
- (21) PCT/US2004/015021
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 60/470,279 **14 May/mai 2003 US (14.05.2003)**
- (30) TBD **13 May/mai 2004 US (13.05.2004)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DOCUMENT SHEET WITH RECESSED CAVITY AND ACCESS TAB
- FEUILLE POUR DOCUMENT A CAVITE A EVIDEMENT ET A LAN-GUETTE D'ACCES
- (71) **FORMSTORE INCORPORATED** [US/US]; 1614 Headland Drive, Fenton, MO 63026 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EDWARDS, Paul, R.** [US/US]; 235 Green Briar Estates Drive, St. Louis, MO (US).
- (74) **DAMMAN, Kirk, A.** et al. / etc.; Lewis, Rice & Fingersh, L.C., Box IP Department, Suite 2000, 500 North Broadway, 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
- (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 **D21H 1/00**
- (11) **WO 2004/104295** (13) A1
- (21) PCT/EP2004/050194
- (22) **24 Feb/fév 2004 (24.02.2004)**
- (25) en (26) en
- (30) 10/443,474 **22 May/mai 2003 US (22.05.2003)**
- (30) 2,440,263 **9 Sep/sep 2003 CA (09.09.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WARP BOUND COMPOSITE PAPER-MAKING FABRIC
- TOILE SYNTHETIQUE COMPOSITE POUR LA FABRICATION DU PAPIER A LIAISON DE FILS DE CHAINE
- (71) **VOITH FABRIC PATENT GMBH** [DE/DE]; St. Poeltener Str. 43, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QUIGLEY, Scott** [US/US]; 108 Paradise Circle, Townville, SC 29689 (US). **BREWSTER, James** [US/US]; 159 Private Road, Waskom, TX 1139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D21H 19/20, 19/82, C09D 129/04**
- (11) **WO 2004/104297** (13) A1
- (21) PCT/EP2004/005153
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) de (26) de
- (30) 103 23 203.6 **22 May/mai 2003 DE (22.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • USE OF SILANE-FUNCTIONAL POLYVINYL ALCOHOLS IN PRIMING AGENTS FOR SEPARATING PAPERS AND FILMS
- UTILISATION D'ALCOOLS POLYVINyliques A FONCTION SILANE DANS DES APPRETS POUR PAPIERS ET FEUILLES DE SEPARATION
- (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) **BACHER, Andreas** [DE/DE]; Fröschlbauernweg 7, 84489 Burghausen (DE). **FICKERT, Karl-Ernst** [DE/DE]; Mühlendorfer Strasse 14e, 84503 Altötting (DE). **MAYER, Theo** [DE/DE]; Oberjülbachring 10, 84387 Julbach (DE). **LAUTENSCHLAGER, Hans** [DE/DE]; Fahnbacherstr. 11, 84533 Haiming (DE).
- (74) **SCHUDERER, Michael** 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 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 **D21H 21/22**
- (11) **WO 2004/104298** (13) A2
- (21) PCT/US2004/006913
- (22) **4 Mar/mar 2004 (04.03.2004)**
- (25) en (26) en
- (30) 10/441,143 **19 May/mai 2003 US (19.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SINGLE PLY TISSUE PRODUCTS SURFACE TREATED WITH A SOFTENING AGENT

- PRODUITS EN PAPIER TISSU MONOCOUCHE TRAITES EN SURFACE AVEC UN ADOUCISSEUR
- (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) **LIU, Kou-Chang** [US/US]; 5500 Michaels Drive, Apt. 5, Appleton, Wisconsin 54913 (US). **SHANNON, Tom, G.** [US/US]; 1604 Meadowbreeze Circle, Neenah, Wisconsin 54956 (US). **ALLEN, Peter, J.** [US/US]; 409 Park Drive, Neenah, Wisconsin 54956 (US). **CARLOW, Geof** [US/US]; 1841 Oxwood Drive, Neenah, Wisconsin 54956 (US). **GOULET, Mike** [US/US]; W7454 Ridgeside Drive, Neenah, Wisconsin 54956 (US). **BURDEN, Paul** [GB/GB]; 29 Hartington Street, Barrow in Furness, Cumbria LA14 5SL (GB). **AYKENS, Greg** [US/US]; 1245 Apple Court, Menasha, Wisconsin 54952 (US). **CAPIZZI, Joe** [US/US]; 1119 Park Village Drive, Neenah, Wisconsin 54956 (US). **HUNT, Thomas** [US/US]; 2655 West Sunnyview Road, Appleton, Wisconsin 54914 (US). **LINSKENS, Diane** [US/US]; W3392 Sievert Road, Seymour, Wisconsin 54165 (US). **WENDLER, Roger** [US/US]; W4919 Springhill Drive, Sherwood, Wisconsin 54169 (US). **WNEK, John** [US/US]; N9420 Old Oak Tree Court, Appleton, Wisconsin 54915 (US).
- (74) **CASSIDY, Timothy, A.** et al. / etc.; DORITY & MANNING, P.A., P.O. Box 1449, Greenville, South Carolina 29602-1449 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D21H 23/24, 21/10, 17/20**
- (11) **WO 2004/104299** (13) A1
- (21) PCT/SE2004/000671
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) en (26) en
- (30) 60/469,010 **9 May/mai 2003 (09.05.2003)** US
- (30) 03445057.7 **14 May/mai 2003 (14.05.2003)** EP
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A PROCESS FOR THE PRODUCTION OF PAPER
- PROCEDE DE FABRICATION DU PAPIER
- (71) **AKZO NOBEL N.V.** [NL/NL]; P.O. Box 9300, NL-6800 SB ARNHEM (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **EKA CHEMICALS AB** [SE/SE]; S-445 80 Bohus (SE).
(only for / seulement pour SE)
- (72, 75) **CARR, Duncan** [US/US]; 1633 Tonya Trail, Neenah, WI 54956 (US).
- (74) **NYANDER, Johan;** Eka Chemicals AB, Patent Department, P.O. Box 11556, S-100 61 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **E01B 25/30**
- (11) **WO 2004/104300** (13) A1
- (21) PCT/CH2004/000305
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) de (26) de
- (30) 907/03 **21 May/mai 2003 (21.05.2003)** CH
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RAIL ASSEMBLY, RAIL BODIES AND ASSOCIATED PRODUCTION METHOD
- ENSEMBLE RAIL, CORPS DE RAIL ET PROCEDE DE FABRICATION ASSOCIE
- (71) **SCHIERHOLZ-TRANSLIFT SCHWEIZ AG** [CH/CH]; Rainacherstrasse 47, CH-6010 Kriens (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JAKOB, Jürg** [CH/CH]; Gantrischweg 9, CH-3063 Ittigen (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 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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- Published / Publiée : (c)
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- (51)⁷ **E01C 1/04**
- (11) **WO 2004/104301** (13) A1
- (21) PCT/KR2003/000947
- (22) **14 May/mai 2003 (14.05.2003)**
- (25) en (26) en
- (30) 10-2003-0027916 **30 Apr/avr 2003 (30.04.2003)** KR
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STRUCTURE OF MULTI-DIMENSIONAL INTERSECTION
- STRUCTURE D'INTERSECTION MULTIDIMENSIONNELLE
- (71, 72) **JUNG, Jin Dug** [KR/KR]; 295, Nambu-dong, Yangsan-shi, Gyeongsangnam-do 626-010 (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 BY BZ CA CH CN CO CR CU 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 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).
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- (51)⁷ **E01F 9/012, C06D 5/10, A47L 13/16, G09F 15/00, E01H 1/00**
- (11) **WO 2004/104302** (13) A1
- (21) PCT/US2004/014786
- (22) **11 May/mai 2004 (11.05.2004)**
- (25) en (26) en
- (30) 10/249,932 **20 May/mai 2003 (20.05.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SELF ERECTING DEVICE
- DISPOSITIF AUTO-DEPLIANT
- (71) **JOHNSON DIVERSEY, INC.** [US/US]; 8310 16th Street - M/S 509, Sturtevant, WI 53177 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOBER, Andrew, M.** [US/US]; c/o Johnson Diversey, Inc., 8310 16th Street - M/S 509, Sturtevant, WI 53177-0902 (US).
- (74) **JOHNSON DIVERSEY, INC.;** 8310 16th Street - M/S 509, Sturtevant, WI 53177 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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- Published / Publiée : (c)
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(51)⁷ E02D 31/02, E04B 1/62

(11) WO 2004/104303 (13) A1

(21) PCT/SE2004/000813

(22) 26 May/mai 2004 (26.05.2004)

(25) sv (26) en

(30) 0301559-1 26 May/mai 2003 SE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR REDUCING MOISTURE ACCESS TO A FOUNDATION

• PROCÉDE ET DISPOSITIF DE RÉDUCTION DE L'INFILTRATION D'HUMIDITÉ DANS DES FONDATIONS

(71) SP SVERIGES PROVNINGS- OCH FORSKNINGSSINSTITUT [SE/SE]; P.O. Box 857, S-501 15 Borås (SE).

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

(72, 75) DAHL, Roger [SE/SE]; Glansbaggevägen 3, S-444 46 Stenungsund (SE).

(74) STRÖM & GULLIKSSON IP AB; Lindholmspiren 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 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 E02F

(11) WO 2004/104304 (13) A2

(21) PCT/US2004/015149

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/439,772 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FOLDING LIFT ARM ASSEMBLY FOR SKID STEER LOADER

• ENSEMBLE BRAS DE LEVAGE RÉPLIABLE POUR CHARGEUR À DIRECTION DIFFÉRENTIELLE

(71) CLARK EQUIPMENT COMPANY [US/US]; 200 Chestnut Ridge Road, Woodcliffe Lake, NJ 07675-8738 (US).

(72) ROAN, Thomas, J.; 1606 Boradway, Fargo, ND 58102 (US). ALBRIGHT, Larry, E.; 162 Maplewood Drive, Gwinner, ND 58040 (US).

(74) WESTMAN, Nickolas, E. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Center, 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 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 E03C

(11) WO 2004/104305 (13) A2

(21) PCT/US2004/010842

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/439,355 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-PATTERN PULL-OUT SPRAY HEAD

• DOUCHETTE ESCAMOTABLE À FORME DE JET VARIABLE

(71) NEWFREY LLC [US/US]; 1207 Drummond Plaza, Newark, DE 19711 (US).

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

(72, 75) WILLIAMS, Alston, Edward [US/US]; 12 Carpenteria, Irvine, CA 92602 (US). BLOOM, Mark, S. [US/US]; 27282 Via Avila Street, Mission Viejo, CA 92691 (US). NADLER, Steve [US/US]; 36 Sundown Drive, Trabuco Canyon, CA 92679 (US).

(74) BROCK, Christopher, M. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 E03C 1/04

(11) WO 2004/104306 (13) A1

(21) PCT/GB2004/002114

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 0311441.0 19 May/mai 2003 GB
(19.05.2003)(30) 0315319.4 1 Jul/juil 2003 GB
(01.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A WATER TAP
• ROBINET D'EAU

(71) ASTRACAST PLC [GB/GB]; PO Box 20, Birstall, West Yorkshire WF17 9XD (GB).

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

(72, 75) OZAGIR, Oczan [GB/GB]; PO Box 20, Birstall, West Yorkshire WF17 9XD (GB).

(74) ORR, William, McLean; Urquhart-Dykes & Lord LLP, Tower North Central, Merriion 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 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).

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 NA SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 E03C 1/29

(11) WO 2004/104307 (13) A1

(21) PCT/AU2004/000656

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 2003902539 23 May/mai 2003 AU
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • AN ODOUR TRAP
• PIEGE A ODEURS

(71, 72) CARN, Wayne, Joseph [AU/AU]; 103 Norrie Avenue, Whyalla, S.A. 5608 (AU). MURRAY, Eric, Stanley [AU/AU]; 8 Kleeman Street, Whyalla, S.A. 5600 (AU). SAWFORD, Russell, John [AU/AU]; 40 Cudmore Terrace, Whyalla, S.A. 5600 (AU).

(74) COLLISON & CO; 117 King William Street, 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 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 E03D 1/32

(11) WO 2004/104308 (13) A1

(21) PCT/CA2004/000732

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/443,853 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • TOILET TANK FILL CONTROL
• COMMANDE DE REMPLISSAGE POUR RESERVOIR DE CHASSE D'EAU

(63) US 10/443,853 (CON) 23 May/mai 2003 (23.05.2003)

(71, 72) KING, Dennis [CA/CA]; Box 844, Ile des Chenes, Manitoba R0A 0T0 (CA). (only for / seulement pour US)

(74) AIKINS PATENT COMPANY; 30th Floor - 360 Main Street, Winnipeg, Manitoba R3C 4G1 (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 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 E03D 9/02, 9/03

(11) WO 2004/104309 (13) A1

(21) PCT/GB2004/002131

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0311936.9 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • IMPROVED DISPENSING DEVICE
• DISTRIBUTEUR AMELIORE

(71) RECKITT BENCKISER INC [US/US]; Morris Corporate Center IV, 399 Interpace Parkway, Parsippany, NJ 07054 (US). (for all designated States except / pour tous les États désignés sauf MN US)

(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB). (only for / seulement pour MN)

(72, 75) COURTNEY, Andrew [US/US]; Reckitt Benckiser Inc, One Phillips Parkway, Montvale, NJ 7054 (US).

(74) BROWN, Andrew, Stephen et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E04B

(11) WO 2004/104310 (13) A2

(21) PCT/US2004/014578

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 60/470,643 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SYSTEM FOR ENHANCING THE DURABILITY OF WOOD CONSTRUCTION

- SYSTEME PERMETTANT D'AUGMENTER LA DUREE DE VIE D'UNE CONSTRUCTION EN BOIS

(71, 72) SHELTON, Forrest, W. [US/US]; P.O. Box 466, Saunderson, RI 02874 (US).

(74) TETREAULT, Mark, E.; Barlow, Josephs & Holmes, Ltd., 101 Dyer Street, 5th Floor, Providence, RI 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 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 E04B 2/02

(11) WO 2004/104311 (13) A1

(21) PCT/JP2003/013135

(22) 14 Oct/oct 2003 (14.10.2003)

(25) ja (26) ja

(30) 2003-147228 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • LOG-HOUSE TYPE STRUCTURE
• STRUCTURE DE TYPE MAISON EN RONDINS

(71) EIN CO., LTD. TECHNICAL CENTER [JP/JP]; 25, Namazutenno Higashimachi 2-chome, Hozumi-cho, Motosu-gun, Gifu 501-0215 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIBORI, Sadao [JP/JP]; 1-9-206, Higashi-Shinagawa, 1-chome, Shinagawa-ku, Tokyo 140-0002 (JP). SHIRAI, Maki [JP/JP]; 612-6, Busshouji, Itonuki-cho, Motosu-gun, Gifu 501-0407 (JP).

(74) OGURA, Masaaki; YMG Shinbashi Building 5F, 13-4, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE 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 NI NO NZ OM PG PH PL PT RO RU SC 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 E04B 2/54, 2/42, E04H 4/00

(11) WO 2004/104312 (13) A1

(21) PCT/GB2004/002195

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311687.8 21 May/mai 2003 GB (21.05.2003)

(30) 0313353.5 5 Jun/juin 2003 GB (05.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • BUILDING BLOCK
• ELEMENT DE CONSTRUCTION

(71, 72) GLASSPOOL, Graham [GB/GB]; 49 Cuddington, Deacon Way, London SE17 1SR (GB).

(74) COATES, Ian, H.; Marks & Clek, 45 Grosvenor Road, St. Albans AL1 3AW (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 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 E04B 5/04

(11) WO 2004/104313 (13) A1

(21) PCT/US2004/014761

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/439,928 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF INTERLOCKING BLOCK SYSTEM

• SYSTEME DE BLOCS AUTOVER-ROUILLABLE

(71, 72) DOTY, Steven, E. [US/US]; 18 Brittany Woods Road, Charleston, WV 25314 (US).

(74) DORTENZO, Megan, D. et al. / etc.; Step-toe & Johnson PLLC, P.O. Box 2190, Clarksburg, WV 26302-2190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 E04C

(11) WO 2004/104314 (13) A2

(21) PCT/US2004/015287

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,552 14 May/mai 2003 US
(14.05.2003)

(30) 60/541,656 4 Feb/fév 2004 US
(04.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYNTHETIC RESIN STRUCTURES AND MOUNTINGS FOR SUCH STRUCTURES

• STRUCTURES DE RESINE SYNTHETIQUE ET ELEMENTS DE MONTAGE POUR CES STRUCTURES

(71) ADVANCED TRIMWORKS, INC. [US/US]; 68 North Main Street, Raynham, MA 02767 (US).

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

(72, 75) ANDRADE, Daniel, J. [US/US]; c/o Advanced Trimworks, Inc., 68 North Main Street, Raynham, MA 02767 (US).

(74) COHEN, Jerry et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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) E04C 2/00

(11) WO 2004/104315 (13) A1

(21) PCT/EP2004/005449

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 367.9 21 May/mai 2003 DE
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONSTRUCTION COMPONENT COMPRISING AN AUXETIC STRUCTURE

• COMPOSANT COMPORTANT UNE STRUCTURE AUXETIQUE

(71) UNIVERSITÄT DORTMUND [DE/DE]; August-Schmidt-Strasse 4, 44227 Dortmund (DE).

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(72, 75) OBRECHT, Hans [DE/DE]; Wasserstrasse 463, 44795 Bochum (DE).

(74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Patent- und Rechtsanwaltskanzlei, Schumannstr. 97-99, 40237 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 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 E04D 3/35, E04C 2/292, B29C 44/12

(11) WO 2004/104316 (13) A1

(21) PCT/IT2003/000309

(22) 22 May/mai 2003 (22.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS AND APPARATUS FOR MANUFACTURING OF INSULATING PANELS WITH ROOF TILE ASPECT

• PROCEDE ET APPAREIL DE FABRICATION DE PANNEAUX ISOLANTS A ASPECT DE TUILE

(71) METECNO SPA [IT/IT]; Via per Cassino 19, I-20067 Tribiano (IT).

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

(72, 75) MORANDI, Maurizio [IT/IT]; Via Raffaello Lambruschini, 12, I-10143 Torino (IT).

(74) FERRONI, Filippo et al. / etc.; Dragotti & Associati Srl, Galleria San Babila, 4/C, I-20122 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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 E04D 3/38, E04B 1/68

(11) WO 2004/104317 (13) A1

(21) PCT/FR2004/000905

(22) 13 Apr/avr 2004 (13.04.2004)

(25) fr (26) fr

(30) 03/05908 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR TIGHT JUXTAPOSITION OF PANELS AND PANELS PROVIDED WITH SAID DEVICE

• PROCEDE ET DISPOSITIF POUR LA JUXTAPOSITION ETANCHE DE PANNEAUX, ET PANNEAUX MUNIS D'UN TEL DISPOSITIF

(71, 72) PISANO, Jean-Philippe [FR/FR]; Chemin de la Petite Castelette, F-84140 Montfavet (FR).

(74) MAREK, Pierre; 28 et 32, rue de la Loge, F-13002 Marseille (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 E04D 11/00, 13/04, 13/072, 13/15

(11) WO 2004/104318 (13) A1

(21) PCT/DE2004/000141

(22) 30 Jan/jan 2004 (30.01.2004)

(25) de (26) de

(30) 103 22 410.6 16 May/mai 2003 DE (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COVER FOR AN AREA OF BALCONIES, FLOORS, ROOFS, OR FACADES

• REVETEMENT POUR UNE SURFACE TELLE QU'UN BALCON, UN SOL, UN TOIT OU UNE FAÇADE

(71, 72) KREUSEL, Ulrich [DE/DE]; Birkenstrasse 28, 55457 Gensingen (DE).

(74) BECKER, Bernd; Patentanwälte Becker & Aue, Saarlandstrasse 66, 55411 Bingen (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 E04D 13/072

(11) WO 2004/104319 (13) A1

(21) PCT/SE2004/000819

(22) 26 May/mai 2004 (26.05.2004)

(25) sv (26) en

(30) 0301540-1 26 May/mai 2003 SE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A GUTTER MOUNTING DEVICE

• DISPOSITIF DE MONTAGE D'UN CHENEAU

(71, 72) LÖVELIUS, Peter [SE/SE]; ., Kihlmansgatan 2 B, S-SE-731 51 KÖPING (SE).

(72, 75) LÖVELIUS, Georg [SE/SE]; ., Trollsländegatan 26, S-SE-731 51 KÖPING (SE).

(74) THEANDER, Anna 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 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).

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 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) (u) for / pour US only / seulement

(51)⁷ E04F 11/18, 15/02

(11) WO 2004/104320 (13) A1

(21) PCT/DK2004/000348

(22) 18 May/mai 2004 (18.05.2004)

(25) da (26) en

(30) PA 2003 00761 20 May/mai 2003 DK (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MOUNT A POST ON A MODULAR TERRACE

• MONTAGE D'UN MONTANT SUR UNE TERRASSE MODULAIRE

(71, 72) CARSTENSEN, John [DK/DK]; Småkevej 27, Hejsager, DK-6100 Haderlev (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 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 E04F 13/00

(11) WO 2004/104321 (13) A2

(21) PCT/US2004/015496

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,700 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BUILDING MATERIAL AND METHOD OF MAKING AND INSTALLING THE SAME

• MATERIAUX DE CONSTRUCTION ET PROCEDE DE FABRICATION ET D'INSTALLATION DE CES MATERIAUX

(71) JAMES HARDIE INTERNATIONAL FINANCE B.V. [NL/NL]; Unit 04-07, Atrium Building, Strawinskylaan 3007, NL-1077 ZX Amsterdam (NL).

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

(72, 75) BENJAMIN, Michael, Putti [IN/US]; 1315 South Meadow Lane #C227, Colton, CA 92324 (US). BLACK, Andrew, John [AU/US]; 8374 Derfer Drive, Rancho Cucamonga, CA 91701 (US). COWEN, December, Rose [US/US]; 7868 Milliken #547, Rancho Cucamonga, CA 91730 (US). CRAIG, Tony [US/US]; 18 Bella Caserta, Lake Elsinore, CA 92532 (US). EGAN, Avril [IE/US]; 6599 Primrose Place, Etiwanda, CA 91739 (US). PENG, Weiling [CA/US]; 12261 Split Rein Dr., Rancho Cucamonga, CA 91739 (US).

(74) DELANEY, Karoline, A.; 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 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 E04F 13/08

(11) WO 2004/104322 (13) A1

(21) PCT/CN2004/000456

(22) 9 May/mai 2004 (09.05.2004)

(25) zh (26) zh

(30) 03257403.7 9 May/mai 2003 CN (09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A MOSAIC PANEL

• PANNEAU DE MOSAIQUE

(71, 72) HUA, Bing [CN/CN]; No. 9-11-3B, Wuyi Garden, Tongzhouqu, Beijing 101117 (CN).

(74) CHINA TRADEMARK & PATENT LAW OFFICE CO., LTD; Yuexin Bld., 14, Yuetan Nanjie, Xichengqu, Beijing 100045 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E04G

(11) WO 2004/104323 (13) A2

(21) PCT/US2004/015779

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/441,494 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD PROVIDING A STRAIGHT EDGE ALONG AN OBJECT

• DISPOSITIF ET PROCÉDE PERMETTANT D'OBTENIR UN BORD DROIT LE LONG D'UN OBJET

(71) JANSSEN BUILDING AND DEVELOPMENT CORPORATION, INC [US/US]; 8542 Titchfield Ct., St. Louis, MO 63123 (US).

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(72, 75) JANSSEN, Eric, G. [US/US]; 8524 Titchfield Ct., St. Louis, MO 63123 (US).

(74) SOTIRIOU, Evan, R. 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 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 E04G 7/28

(11) WO 2004/104324 (13) A2

(21) PCT/NL2004/000318

(22) 11 May/mai 2004 (11.05.2004)

(25) nl (26) en

(30) 1023497 22 May/mai 2003 NL (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COUPLING ELEMENT FOR PIPES AND THE LIKE

• ELEMENT DE RACCORD POUR DES TUBES ET ANALOGUES

(71, 72) BAKKER, Adrianus, Maria, Petrus [NL/NL]; Hannie Schaafsingel 19, NL-2642 CW Pijnacker (NL).

(74) VAN WESTENBRUGGE, Andries; Nederlands Octrooibureau, Scheveningseweg

82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 E04G 9/00, 11/00

(11) WO 2004/104325 (13) A1

(21) PCT/RU2003/000229

(22) 20 May/mai 2003 (20.05.2003)

(25) ru (26) ru

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EDGE PROFILE FOR FORM PANELS

• PROFIL DE BORD POUR PANNEAUX DE COFFRAGE

(71, 72) SOBOLEV, Valerian Markovich [RU/RU]; p. Veshki, 7-5, Mytischinsky raion, Moskovskaya obl., 141061 (RU). GOLOVCHENKO, Alexander Ivanovich [RU/RU]; ul. Lenina, 6-4, Volgograd, 400131 (RU).

(72) BARANOV, Stanislav Alexandrovich; ul. Alexandra Nevskogo, 1-v-60, Moscow, 125047 (RU). PANOV, Vladimir Nikolae- vich; Leningradsky pr-t, 44-39, Moscow, 117334 (RU). GERASKIN, Alexander Vik- torovich; ul. Generala Belova, 21/1-236, Moscow, 115563 (RU). ZHUKOV, Oleg Vladimirovich; ul. Musorgskogo, 5-2-5, Moscow, 127490 (RU). MAIDANOV, Evgeny Anatolievich; ul. Nevskaya, 6a-39, Volgograd, 400087 (RU).

(74) KORNILOVA, Mariya Mikhailovna; Ob- schestvo s Ogranichennoi Otvetstvennostju "Elevi, t", pr. Lenina, 88-313, Volgograd, 400005 (RU).

(81) BR CN FI PT TR UA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ E04G 21/32

(11) WO 2004/104326 (13) A1

(21) PCT/EP2004/005176

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) U 200301278 26 May/mai 2003 ES (26.05.2003)

(30) U 200400265 9 Feb/fév 2004 ES (09.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SAFETY DEVICE FOR CONSTRUCTION WORKS

• DISPOSITIF DE SECURITE POUR TRAVAUX DE CONSTRUCTIONS

(71) ENCOFRADOS J. ALSINA, S.A. [ES/ES]; Poligon Industrial Pla d'en Coll, 1, camí de Font Freda, E-08110 Montcada I Reixac (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) XAMMAR BOVE, Pedro [ES/ES]; Poligon Industrial Pla d'en Coll, 1, camí de Font Freda, E-08110 Montcada I Reixac (ES).

(74) SUGRAÑES - VERDONCES - FER- REGÜELA; (Association No. 121), 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 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 E04H 4/10

(11) WO 2004/104327 (13) A1

(21) PCT/IT2004/000294

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) MN2003U000004 23 May/mai 2003 IT (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SWIMMING POOL COVERING SYSTEM

• SYSTEME DE COUVERTURE POUR PISCINE

(71, 72) VANGELISTI, Antonio [IT/IT]; Via F.lli Cervi, 7, I-46039 Villimpenta (IT).

(74) MALGARINI, Lucia; Via Divisione Acqui, 8H, I-46044 Goito (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 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).

Published / Publiée : (c)

(51)⁷ E04H 15/32

(11) WO 2004/104328 (13) A1

(21) PCT/KR2004/001160

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 20-2003-0015478 20 May/mai 2003 KR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TENT STRUCTURE

• STRUCTURE DE TENTE

(71, 72) KWON, Hyuk-Chong [KR/KR]; Woo-Sung Apartment 2-1502, Dohwa-dong, Mapo-gu., Seoul 121-040 (KR).

(74) CHUNG, Moon-Yung; Moon Yung & Associates, 8F., Kangnam Main Tower, 1357-66, Seocho-dong, Seocho-ku, 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 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 E05B

(11) WO 2004/104329 (13) A2

(21) PCT/US2004/014975

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,999 16 May/mai 2003 US (16.05.2003)

(30) 60/479,742 19 Jun/juin 2003 US (19.06.2003)

(30) 60/482,853 26 Jun/juin 2003 US (26.06.2003)

(30) 60/512,626 20 Oct/oct 2003 US (20.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIPLE FUNCTION LOCK

• CADENAS MULTIFONCTION

(71) STANTON CONCEPTS INC. [—/US]; P.O. Box 139, 172 Stanton Road, Stanton, NJ 08885 (US).

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

(71) LOUGHLIN, Robert [US/US]; 53 Water Street, Lebanon, NJ 08833 (US). LOUGHLIN, John [US/US]; 53 Water Street, Lebanon, NJ 08833 (US).

(only for / seulement pour US)

(74) CHARNEY, Scott, E. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ 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 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 E05B 3/04, 9/00, 15/02, 47/06

(11) WO 2004/104330 (13) A1

(21) PCT/FR2004/001257

(22) 21 May/mai 2004 (21.05.2004)

(25) fr (26) fr

(30) 0306141 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOOR OPENING MANOEUVRING DEVICE

• DISPOSITIF DE MANOEUVRE DE L'OUVERTURE D'UNE PORTE

(71) UNITECNIC [FR/FR]; 37 Place de la Loire, Silic 139, F-94150 RUNGIS (FR).

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

(72, 75) BADILLET, Jean [FR/FR]; 127 Avenue Paul Doumer, F-92500 RUEIL MALMAISON (FR).

(74) INTES, Didier 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ E05B 9/04, 3/06, 3/00, 63/08, 63/10

(11) WO 2004/104331 (13) A1

(21) PCT/AU2004/000675

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 2003902518 22 May/mai 2003 AU (22.05.2003)

(30) 2004901934 13 Apr/avr 2004 AU (13.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENTS IN LOCKS

• AMELIORATIONS APORTEES A DES SERRURES

(71) YARRA RIDGE PTY LTD [AU/AU]; 8 Ross Street, South Melbourne, VIC 3205 (AU).

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

(72, 75) JOHN, Russell, Watts [AU/AU]; 61 St. Vincent Place, Albert Park, VIC 3205 (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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (a)

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 E05B 17/00, 65/00, F25D 23/02

(11) WO 2004/104332 (13) A1

(21) PCT/SE2004/000799

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0301533-6 23 May/mai 2003 SE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOOR HANDLE

• POIGNEE DE PORTE

(71) ELECTROLUX HOME PRODUCTS CORPORATION N.V. [BE/BE]; Belgicasstraat 17, B-1930 Zaventem (BE).

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

(72, 75) PETERSSON, Anna [SE/SE]; Värmlandsgatan 1, S-602 18 Norrköping (SE). PALM, Jonas [SE/SE]; Almgatan 5, S-534 32 Vara (SE). SVANTESSON, Per-Arne [SE/SE]; St. Bergsgatan 10, S-545 33 Töreboda (SE).

(74) FORNEHEIM, David; 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 E05B 19/04, 49/00, 65/12, G07C 9/00

(11) WO 2004/104333 (13) A1

(21) PCT/EP2004/003717

(22) 7 Apr/avr 2004 (07.04.2004)

- (25) de (26) de
- (30) 103 22 853.5 **21 May/mai 2003 DE**
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • KEY SYSTEM FOR A MOTOR VEHICLE
• SYSTEME DE CLE POUR VEHICULE
- (71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BALKO, Peter [DE/DE]; Kreuzstrasse 109, 38118 Braunschweig (DE). MEYER, Dieter [DE/DE]; Nierenwiesen 2, 38442 Wolfsburg (DE). PLOTT, Peter [DE/DE]; Friedrich-Lambrecht-Strasse 6, 38448 Wolfsburg (DE). ANDERS, Axel [DE/DE]; Alte Dorfstrasse 17 d, 38557 Osloss (DE). LAMMEL, Ulrich [DE/DE]; Regerstrasse 9A, 85139 Wettstetten (DE). HOFMANN, Gustav [DE/DE]; Münstedterstrasse 19, 38114 Braunschweig (DE).
- (74) BANZER, Hans-Jörg; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 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 E05B 49/00, B60R 25/00, H04Q 9/00
- (11) WO 2004/104335 (13) A1
- (21) PCT/JP2004/006482
- (22) 7 May/mai 2004 (07.05.2004)
- (25) ja (26) ja
- (30) 2003-141737 **20 May/mai 2003 JP**
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RADIO WAVE RECEPTION DEVICE, RADIO WAVE TRANSMISSION DEVICE, AND VEHICLE
• DISPOSITIF DE RECEPTION D'ONDES RADIOELECTRIQUES, DISPOSITIF DE TRANSMISSION D'ONDES RADIOELECTRIQUES ET VEHICULE
- (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) KADOUCHI, EijiMAKI, Ichiro
- (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/00
- (11) WO 2004/104334 (13) A1
- (21) PCT/CN2004/000217
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/443,818 **23 May/mai 2003 US**
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MAGNETIC KEY-OPERATED LOCKS
• SERRURES ACTIVEES PAR CLE MAGNETIQUE
- (71, 72) SEDLEY, Bruce, Samuel [US/CN]; Flat D, 7th Floor, Tsuen Tung Factory Building 38-40, Chai Wan Kok Street Tsuen Wan, Hong Kong (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).
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- (51)⁷ E05B 65/46, A47B 88/04
- (11) WO 2004/104336 (13) A1
- (21) PCT/ES2004/000084
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) es (26) es
- (30) PA 2003 01218 **23 May/mai 2003 ES**
(23.05.2003)
- (30) PA 2003 03044 **23 Dec/déc 2003 ES**
(23.12.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • LOCKING SYSTEM FOR FURNITURE DRAWERS
• SYSTEME DE BLOCAGE POUR TIROIRS DE MEUBLES
- (71) OJMAR, S.A. [ES/ES]; Poligono Industrial de Lerun, E-20870 Elgoibar (ES).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEVILLANO GIL, Benito [ES/ES]; Poligono Industrial de Lerun, E-20870 Elgoibar (ES).
- (74) URIZAR BARANDIARAN, Miguel, Angel; Gordóniz, 22 - 5°, E-48012 Bilbao (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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- (51)⁷ E05C 9/02, 9/10
- (11) WO 2004/104337 (13) A1
- (21) PCT/EP2004/002104
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) de (26) de
- (30) 103 23 704.6 **22 May/mai 2003 DE**
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DRIVING ROD GEAR MECHANISM
• MECANISME A BARRE MOTRICE
- (71) SIEGENIA-AUBIKG [DE/DE]; Industries-trasse 1-3, 57234 Wilnsdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALBAYRAK, Erol [TR/DE]; Am Wäldchen 14, 57078 Siegen (DE). LOOS, Horst [DE/DE]; Hofgasse 4, 57258 Freudenberg (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 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).

(BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ E05C 9/02, 7/04, E05B 63/04

(11) WO 2004/104338 (13) A1

(21) PCT/EP2004/000985

(22) 4 Feb/fév 2004 (04.02.2004)

(25) de (26) de

(30) 203 08 230.3 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRIVING ROD GEAR
• TRANSMISSION A BIELLE

(71) SIEGENIA-AUBIKG [DE/DE]; Industries-trasse 1-3, 57234 Wilsdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALBAYRAK, Erol [TR/DE]; Am Wäldchen 14, 57078 Siegen (DE). LOOS, Horst [DE/DE]; Hofgasse 4, 57258 Freudenberg (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).

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

(51) E05C 17/34

(11) WO 2004/104339 (13) A1

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(30) 103 23 698.8 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LID STAY
• COMPAS POUR PORTE RELEVANTE

(71) HUWIL-WERKE GMBH MÖBELSCHLOSS- UND BESCHLAG-FABRIKEN [DE/DE]; Brölstrasse 2, 53809 Ruppichteroth (DE).
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(72, 75) HIRTSIEFER, Artur [DE/DE]; Köbacher Strasse 52, 53819 Neunkirchen-Seelscheid (DE).

(74) MÜLLER, Thomas et al. / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (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 the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ E05C 19/18

(11) WO 2004/104340 (13) A1

(21) PCT/GB2004/002171

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311522.7 20 May/mai 2003 GB (20.05.2003)

(30) 0402410.5 4 Feb/fév 2004 GB (04.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURITY DEVICES
• DISPOSITIFS DE SECURITE

(71, 72) WHITE, Keith [GB/GB]; 195 Plymstock Road, Orseton, Plymouth, Devon PL9 7HW (GB).

(74) BROWN, Michael, Stanley; Alpha & Omega, Chine Croft, East Hill, Ottery St. Mary, Devon EX11 1PJ (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 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 E05D 5/02, 7/04

(11) WO 2004/104341 (13) A1

(21) PCT/ES2004/000220

(22) 18 May/mai 2004 (18.05.2004)

(25) es (26) es

(30) P 2003 01210 23 May/mai 2003 ES (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HINGE SYSTEM FOR FOLDING DOORS
• SYSTEME D'ARTICULATION POUR PORTES PLIABLES

(71) KLEIN IBERICA, S.A. [ES/ES]; Pol. Ind. Can Cuyàs, Ctra. N-150 a Sabadell Km.1, Edificio Klein, E-08110 Montcada i Reixac (ES).
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(72, 75) TARREGA I LLORET, Miguel, Angel [ES/ES]; Nena Casas, 20 3^a 1a, E-08017 Barcelona (ES).

(74) DAVILA BAZ, Angel; C/O Clarke, Modet & Co., C/Goya n° 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 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 E05D 15/06

(11) WO 2004/104342 (13) A1

(21) PCT/EP2004/005311

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 274.5 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RAIL GUIDE FOR A SUSPENDEDLY GUIDED PUSH ELEMENT
• GUIDAGE PAR RAIL POUR ÉLÉMENT COULISSANT SUSPENDU

(71) DORMA GMBH & CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
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(72, 75) KSYK, Andreas [DE/DE]; Schwarzdornweg 17, 26188 Edeweicht (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 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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(25) en (26) en

(30) 10/439,164 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COUNTERBALANCE SYSTEM FOR A TILT-IN WINDOW
• SYSTEME DE CONTRE-POIDS POUR FENETRE A BASCULE

(71) JOHN EVANS SONS, INC. [US/US]; 1 Spring Avenue, P.O. Box 885, Lansdale, PA 19446 (US).
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(72) KUNZ, John, R.; 410 Glenwood Drive, Douglassville, PA 19518 (US). KENNINGSZER, Keith; 2517 Wellington Way, Hatfield, PA 19440 (US).

(74) LAMORTE, Eric; Lamorte & Associates P.C., P.O. Box 434, Yardley, PA 19067 (US).

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

Declarations / Déclarations :

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(51)⁷ E05D 15/26, 15/12, E06B 3/48

(11) WO 2004/104344 (13) A1

(21) PCT/ES2004/000221

(22) 18 May/mai 2004 (18.05.2004)

(25) es (26) es

(30) P200301211 23 May/mai 2003 ES (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MECHANISM FOR HANGING AND ADJUSTING FOLDING DOORS
• MECANISME DE SUSPENSION ET DE REGULATION DE PORTES PLIABLES

(71) KLEIN IBERICA, S.A. [ES/ES]; Pol. Ind. Can Cuyàs, Ctra. N-150 a Sabadell Km. 1, Edificio Klein, E-08110 Montcada I Reixac (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TARREGA I LLORET, Miguel, Angel [ES/ES]; Nena Casas, 20 3^o 1a, E-08017 Barcelona (ES).

(74) DAVILA BAZ, Angel; C/O Clarke, Modet & Co., C/Goya n° 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 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 E05F 11/34, F16B 5/02, B60J 5/00

(11) WO 2004/104345 (13) A1

(21) PCT/SE2004/000745

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 0301469-3 20 May/mai 2003 SE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOOR LOCK AND METHOD FOR MANUFACTURING SAID DOOR LOCK
• DISPOSITIF DE VERROUILLAGE DE PORTE ET SA METHODE DE FABRICATION

(71) SAAB AB [SE/SE]; S-581 88 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAKTLUND, Nils-Gunnar [SE/SE]; Va Strandvägen 14, S-589 35 Linköping (SE). LÖFGREN, Lars [SE/SE]; Fårhagsvägen 68, S-586 66 Linköping (SE).

(74) SAAB AB; Corporate Technology, Margareta Ydreskog, S-581 88 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ E06B 3/54

(11) WO 2004/104346 (13) A1

(21) PCT/SE2004/000784

(22) 21 May/mai 2004 (21.05.2004)

(25) sv (26) en

(30) 0301493-3 22 May/mai 2003 SE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTERNAL GLASS HOLDER
• MOYEN INTERNE DE RETENUE POUR PANNEAUX DE VERRE

(71) UPGLAZE HB [SE/SE]; Lövkullavägen 45, S-433 60 Sövedalen (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STENVALL, Bo [SE/SE]; Lövkullavägen 45, S-433 60 Sövedalen (SE).

(74) AWAPATENT AB; Box 11394, S-402 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 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 E06B 3/70, B32B 31/00

(11) WO 2004/104347 (13) A1

(21) PCT/GB2004/002221

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311967.4 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRECURSOR FOR A DOOR

• PRECURSEUR DE PORTE

(71) **ACELL HOLDINGS LIMITED** [GB/GB]; c/o The Bachmann Group, PO Box 175, Frances House, St. Peter Port, Guernsey GY14 4HQ (GB).

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(72, 75) **ALBERTELLI, Aldino** [GB/GB]; 45 Wyatt Park Road, Streatham, London SW2 (GB). **PEARCE, Colin, Nigel** [GB/GB]; The Out House, Compton Way, Farnham, Surrey GU10 1QU (GB).

(74) **COLMER, Stephen, Gary** et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **E06B 3/82**

(11) **WO 2004/104348** (13) A1

(21) PCT/IL2004/000424

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 156024 **20 May/mai 2003 IL (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DOOR CONSTRUCTION
• FABRICATION DE PORTE

(71) **RAV-BARIACH SECURITY PRODUCTS LTD.** [IL/IL]; PO Box 633, 81104 Yavne (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARTSIELY, Eyal** [IL/IL]; M.P. Bikat Yericho, 90682 Moshav Fazeel (IL).

(74) **KLEIN, David**; Beit HaRofim, 18 Menuha VeNahala Street, Room 27, 76209 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 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 **E06B 5/11**

(11) **WO 2004/104349** (13) A1

(21) PCT/GB2004/002060

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 0311566.4 **20 May/mai 2003 GB (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURITY DOOR
• PORTE DE SECURITE

(71, 72) **CLANCY, Paul** [GB/GB]; 15 Owl Ridge, Morely, Leeds LS27 8UW (GB).

(74) **FRANKS & CO**; 15, Jessops Riverside, Brightside Lane, Sheffield S9 2RX (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 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 **E06B 5/16**

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(21) PCT/JP2004/007538

(22) **26 May/mai 2004 (26.05.2004)**

(25) ja (26) ja

(30) 2003-147866 **26 May/mai 2003 JP (26.05.2003)**

(30) 2003-147865 **26 May/mai 2003 JP (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIREPROOF RESIN SASH
• CHASSIS EN RESINE ININFLAMMABLE

(71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka, 5308565 (JP). **TOKUYAMA CORPORATION** [JP/JP]; 1-1, Mikage-cho, Shunan-shi, Yamaguchi 745-8648 (JP). **SHANON CORPORATION** [JP/JP]; 1-4-5, Nishi-shimbashi, Minato-ku, Tokyo 105-8429 (JP).
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(72, 75) **UEDA, Akira** [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Kurohama, Hasuda-shi, Saitama, 3490198 (JP). **OKADA, Kazuhiro** [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Kurohama, Hasuda-shi, Saitama, 3490198 (JP). **TONO, Masaki** [JP/JP]; c/o Sekisui Chemical Co., Ltd., 3535, Kurohama, Hasuda-shi, Saitama, 3490198 (JP). **HASHIMOTO, Yukitoshi** [JP/JP]; c/o

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(74) **HIRAKI, Yusuke** et al. / etc.; Kamiya-cho MT Bldg. 19F 3-20, Toranomno 4-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 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 **E06B 7/04**

(11) **WO 2004/104351** (13) A1

(21) PCT/SE2004/000765

(22) **18 May/mai 2004 (18.05.2004)**

(25) sv (26) en

(30) 0301491-7 **20 May/mai 2003 SE (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR A WINDOW
• DISPOSITIF POUR FENETRE

(71, 72) **ÖHMAN, Hans** [SE/SE]; Lingonvägen 5, S-426 55 Västra Frölunda (SE). **TIDMAN, Per** [SE/SE]; Jägargatan 14, S-573 41 Tranås (SE).

(74) **CEGUMARK AB**; P.O. Box 53047, S-400 14 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 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 **E06B 7/23, B60J 10/00, F16J 15/02**

(11) **WO 2004/104352** (13) A1

(21) PCT/EP2004/002825

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

(25) en (26) en

(30) 0301513-8 **22 May/mai 2003 SE (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEALING STRIP
• BANDE D'ETANCHEITE

(71) **TRELLEBORG AB** [SE/SE]; P.O. Box 153, SE-231 22 Trelleborg (SE).

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(72, 75) **EMILSON, Fredrik** [SE/SE]; Vasagatan 41, SE-331 41 Värnamo (SE).

(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).

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(51)⁷ **E06B 9/00**

(11) **WO 2004/104353** (13) A1

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(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 0311556.5 **20 May/mai 2003 GB (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENTS IN AND RELATING TO FLOOD BARRIERS

• BARRIERES ANTI-CRUE AMELIO-REES

(71, 72) **WAINWRIGHT, Derek** [GB/GB]; 47 Sunbury Road, Liverpool L4 2TS (GB).

(74) **NEILL, Alastair, William et al.** / etc.; Apleyard 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 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 **E06B 9/01**

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(21) PCT/DK2004/000368

(22) **26 May/mai 2004 (26.05.2004)**

(25) en (26) en

(30) PA 2003 00794 **26 May/mai 2003 DK (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE SECURITY BAR

• BARRE DE SECURITE REGLABLE

(71, 72) **SCHOCK, Steen** [DK/DK]; Bispebjerg Parkalle 23, DK-2400 Copenhagen NV (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 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 **E06B 9/15**

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(21) PCT/EP2004/005380

(22) **19 May/mai 2004 (19.05.2004)**

(25) de (26) de

(30) 203 08 240.0 **23 May/mai 2003 DE (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROFILE ELEMENT FOR SOUND REDUCTION ROLLER BLINDS

• ELEMENT PROFILE SERVANT A FORMER UN VOLET ROULANT A ISOLATION ACOUSTIQUE

(71) **REHAU AG + CO** [DE/DE]; Rheniumhaus, 95111 Rehau (DE).

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(72, 75) **VOLKEL, Christian** [DE/DE]; Mühlgasse 6, 95168 Marktleuthen (DE). **BRÄUER, Stefan** [DE/DE]; Bei der Linde 17, 95100 Selb (DE). **GRIESSHAMMER, Klaus** [DE/DE]; Weidenstrasse 2, 95111 Rehau (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 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E06B 9/15**

(11) **WO 2004/104356** (13) A1

(21) PCT/EP2004/005382

(22) **19 May/mai 2004 (19.05.2004)**

(25) de (26) de

(30) 203 08 239.7 **23 May/mai 2003 DE (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROFILE ELEMENT FOR FORMING A ROLLER BLIND

• ELEMENT PROFILE SERVANT A FORMER UN VOLET ROULANT

(71) **REHAU AG+CO** [DE/DE]; Rheniumhaus, 95111 Rehau (DE).

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

(72, 75) **VÖLKEL, Christian** [DE/DE]; Mühlgasse 6, 95168 Marktleuthen (DE). **BRÄUER, Stefan** [DE/DE]; Bei der Linde 17, 95100 Selb (DE). **GRIESSHAMMER, Klaus** [DE/DE]; Weidenstrasse 2, 95111 Rehau (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E06B 9/58, 9/54**

(11) **WO 2004/104357** (13) A1

(21) PCT/JP2004/006572

(22) **10 May/mai 2004 (10.05.2004)**

(25) ja (26) ja

(30) 2003-143862 **21 May/mai 2003 JP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WINDING-UP SCREEN DEVICE

• STORE A ENROULEUR

(71) **SEIKI HANBAI CO., LTD.** [JP/JP]; 21-16, Toyotamaminami 3-chome, Nerima-ku, Tokyo 1760014 (JP).

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(72, 75) **CHINO, Mitsuhiko** [JP/JP]; c/o Seiki Hanbai Co., Ltd., 21-16, Toyotamaminami 3-chome, Nerima-ku, Tokyo 1760014 (JP). **KAMOSAWA, Yoji** [JP/JP]; c/o Seiki Hanbai Co., Ltd., 21-16, Toyotamaminami 3-chome, Nerima-ku, Tokyo 1760014 (JP). **TODA, Hirotsugu** [JP/JP]; c/o Seiki Hanbai Co., Ltd., 21-16, Toyotamaminami 3-chome, Nerima-ku, Tokyo 1760014 (JP).

(74) **HAYASHI, Hiroshi et al.** / etc.; c/o Shinjuku Central Patent Agency, Daiichi Sky Building, 9-12, Nishishinjuku 1-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 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 E21B

(11) WO 2004/104358 (13) A2

(21) PCT/US2004/014461

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 60/469,293 10 May/mai 2003 US (10.05.2003)

(30) 10/612,277 1 Jul/juil 2003 US (01.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CONTINUOUS ON-BOTTOM DIRECTIONAL DRILLING METHOD AND SYSTEM

- SYSTEME ET PROCEDE DE FORAGE DIRECTIONNEL CONTINU EN FOND DE TROU

- (71) NOBLE DRILLING SERVICES, INC. [US/US]; 13135 South Dairy Ashfor, Suite 800, Sugar Land, TX 77478 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HADI, Marc [US/US] MAIDLA, Eric, E. [US/US]

- (74) JONATHAN, Jobe, E.; Townsend and Townsend and Crew, 12730 High Bluff Drive, Suite 400, 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 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 E21B 7/02, 47/00

(11) WO 2004/104359 (13) A1

(21) PCT/US2004/014715

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/437,673 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PORTABLE MEMORY DEVICE FOR A MOBILE REPAIR UNIT

- DISPOSITIF DE MEMOIRE PORTABLE POUR UNITE DE REPARATION MOBILE

- (71) KEY ENERGY SERVICES, INC. [US/US]; 6 Desta Drive, Suite 4400, Midland, TX 79705 (US).

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

- (72, 75) HOOD, John, Charles [US/US]; 6915 Sunrise Ct., Midland, TX 79707 (US).
LOWE, Bruce, W. [US/US]; 6920 Sunrise Ct., Midland, TX 79707 (US).

- (74) STEINHEIDER, Matthew, F.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 E21B 7/06, 10/26

(11) WO 2004/104360 (13) A2

(21) PCT/EP2004/050834

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03076533.3 21 May/mai 2003 EP (21.05.2003)

(30) 03103639.5 1 Oct/oct 2003 EP (01.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DRILL BIT AND SYSTEM FOR DRILLING A BOREHOLE

- FORET ET SYSTEME POUR PERCER UN TROU

- (71) SHELL INTERNATIONALE RE-SEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD 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) SHELL CANADA LIMITED [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

- (72, 75) SAVIGNAT, Jean-Michel Claude Gaston [NL/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL). ZIJSLING, Djurre Hans [NL/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 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 E21B 10/32

(11) WO 2004/104361 (13) A1

(21) PCT/EP2004/050856

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03076532.5 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DRILL BIT AND SYSTEM FOR DRILLING A BOREHOLE

- TREPAN ET SYSTEME DE FORAGE D'UN TROU DE SONDE

- (71) SHELL INTERNATIONALE RE-SEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD 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) SHELL CANADA LIMITED [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

- (72, 75) ZIJSLING, Djurre, Hans [NL/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 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 E21B 10/36, 10/38

(11) WO 2004/104362 (13) A1

(21) PCT/EP2004/050912

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03076614.1 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERCUSSIVE DRILL BIT, DRILLING SYSTEM COMPRISING SUCH A DRILL BIT AND METHOD OF DRILLING A BORE HOLE

• TREPAN A PERCUSSION, SYSTEME DE FORAGE COMPRENANT CE TREPAN ET PROCEDE DE FORAGE D'UN TROU DE FORAGE

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD 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) SHELL CANADA LTD [CA/CA]; 400-4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

(72, 75) CRUZ, Antonio Maria Guimaraes Leite [PT/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 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 E21B 10/36, 10/40, 10/56

(11) WO 2004/104363 (13) A1

(21) PCT/EP2004/050913

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03076613.3 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRILL BIT, SYSTEM, AND METHOD FOR DRILLING A BOREHOLE IN AN EARTH FORMATION

• TREPAN, SYSTEME ET PROCEDE PERMETTANT DE FORER UN TROU DE FORAGE DANS UNE FORMATION TERRESTRE

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD 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) SHELL CANADA LTD [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

(72, 75) CRUZ, Antonio Maria Guimaraes Leite [PT/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 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 E21B 33/035, 33/068

(11) WO 2004/104364 (13) A1

(21) PCT/NO2004/000151

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 20032330 22 May/mai 2003 NO (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DUAL-TYPE PLUG FOR WELLHEAD

• OBTURATEUR DOUBLE CAROTTAGE POUR TETE DE Puits

(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) LINDLAND, Hans, Jørgen [NO/NO]; Gaupeveien 28, N-4323 Sandnes (NO). FØLKNER, Stein [NO/NO]; Dyrefaret 8, N-1362 Hosle (NO).

(74) ONSAGERS AS et al. / etc.; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 E21B 33/038

(11) WO 2004/104365 (13) A1

(21) PCT/US2004/016268

(22) 20 May/mai 2004 (20.05.2004)

(25) en

(26) en

(30) 60/471,812 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOW PROFILE CONNECTOR

• CONNECTEUR DISCRET

(71) FMC TECHNOLOGIES, INC. [US/US]; 1803 Gears Road, Houston, TX 77067 (US).

(72) LIEW, Joseph, Shu, Yian; #04-36, Block 2, Tanjong Pagar Plaza, Singapore 082002 (SG).

(74) AMERSON, J., Mike; Williams, Morgan & Amerson, P.C., 10333 Richmond Ave., 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 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 E21B 33/14, 21/10

(11) WO 2004/104366 (13) A1

(21) PCT/GB2004/002051

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/442,442 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REVERSE CIRCULATION CEMENTING PROCESS

• FONÇAGE PAR CEMENTATION A CIRCULATION INVERSE

(71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).

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(71) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(only for / seulement pour MW)

(72, 75) GRIFFITH, James, E. [US/US]; Route 1, Box 69, Loco, OK 73442 (US). MARRIOTT, Timothy, W. [CA/US]; 543 Stark Way SE, Medicine Hat, Alberta T1B 4R6 (CA). LEGIS, Edgar, J. [CA/US]; 608 Stary way SE, Medicine Hat, Alberta T1B 4P6 (CA). HUMPHREY, Randy, D. [CA/US]; 66 Seven Persons Crescent SW, Medicine Hat, Alberta T1B 2A6 (CA). DENNIS, John, L., Jr. [US/US]; Route 1Seminole, Box 38, Marlow OK 73055 (US).

(74) WAIN, Christopher Paul 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 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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(21) PCT/GB2004/002197

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0312017.7 24 May/mai 2003 GB (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SLUDGE CONTROL IN CRUDE OIL

- CONTROLE DE SEDIMENTS DANS LE PETROLE BRUT

(71) RHODIA CONSUMER SPECIALTIES LIMITED [GB/GB]; Oak House, Reeds Crescent, Watford, Hertfordshire WD24 4QP (GB).

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

(72, 75) JONES, Christopher, Raymond [GB/GB]; 110 Sutherland Road, Cheslyn Hay, Nr. Walsall, South Staffordshire WS6 7BS (GB). TAYLOR, Robert, S. [CA/CA]; 105 Rockbluff Place N.W., Calgary, Alberta T3G 5B1 (CA).

(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 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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(21) PCT/GB2004/001842

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/444,408 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS FOR CONTROLLING WATER AND PARTICULATE PRODUCTION

- PROCEDES DE REGULATION DE PRODUCTION D'EAU ET DE PARTICULES

(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) NGUYEN, Philip, D. [US/US]; 1107 Jones Avenue, Duncan, OK 73533 (US). BROWN, David, L. [US/US]; Route 1, Box 171, Temple, OK 73568 (US).

(74) WAIN, Christopher, Paul et al. / etc.; A A Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 E21B 43/10, 23/01, 29/08

(11) WO 2004/104369 (13) A1

(21) PCT/US2004/015548

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/441,521 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SLIP ENERGIZED BY LONGITUDINAL SHRINKAGE

- COIN DE RETENUE ACTIVE PAR RETRECISSEMENT LONGITUDINAL

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) CARMODY, Michael, A.; 1906 Wagon Gap Trail, Houston, TX 77090 (US). O'BRIEN, Robert, S.; 23226 Hazel Field, Katy, TX 77494 (US).

(74) CARSON, Matt et al. / etc.; 9100 Emmott Road, Houston, TX 77040 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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 E21B 43/10, 23/06, 23/04

(11) WO 2004/104370 (13) A1

(21) PCT/US2004/015778

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,870 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDRAULIC SETTING TOOL FOR LINER HANGER

- OUTIL DE POSE HYDRAULIQUE DESTINE A UNE SUSPENSION DE COLONNE

(71) WEATHERFORD/LAMB, INC. [US/US]; 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027 (US).

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

(72, 75) HIRTH, David, E. [US/US]; 4306 Argentinia Circle, Pasadena, Tx 77504 (US). MAGUIRE, Patrick, G. [US/US]; 16234 Cumberland Trail, Cypress, Texas 77433 (US).

(74) PATTERSON, William, B. et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, Texas 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 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 E21B 43/26, 43/267, C04B 33/04, 35/10, 35/14, 38/08

(11) WO 2004/104371 (13) A1

(21) PCT/GB2004/002145

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/443,532 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHTWEIGHT HIGH STRENGTH PARTICLES AND METHODS OF THEIR USE IN WELLS

- PARTICULES LEGERES, DE HAUTE RESISTANCE ET LEURS PROCEDES D'UTILISATION DANS DES PUITTS

(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) **NGUYEN, Philip, D.** [US/US]; 1107 West Jones Avenue, Duncan, OK 73533 (US). **LORD, David, L.** [US/US]; Route 2, Box 185, Marlow, OK 73055 (US).

(74) **WAIN, Christopher, Paul et al.** / etc.; A A Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **E21B 47/00**

(11) **WO 2004/104372** (13) A1

(21) PCT/US2004/015602

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 10/441,233 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **WELL INTEGRITY MONITORING SYSTEM**

• SYSTEME DE SURVEILLANCE DE L'INTEGRITE D'UN PUIT

(71) **WEATHERFORD/LAMB, INC.** [US/US]; 515 Post Oak Boulevard, Suite 600, Houston, TX 77027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGLE, Peter, C.** [US/US]; 36 Highland Road, Charlestown, RI 02813 (US).

(74) **PATTERSON, William, B.**; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, 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 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 **E21B 47/12**

(11) **WO 2004/104373** (13) A1

(21) PCT/US2004/015427

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 60/320,206 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **WIRELESS WELL COMMUNICATION SYSTEM AND METHOD FOR USING THE SAME**

• SYSTEME DE COMMUNICATION SANS FIL POUR PUIT ET SON PROCEDE D'UTILISATION

(71) **SILVERSMITH, INC.** [US/US]; 2835 Dickerson Road, Gaylord, MI 49735 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SILVERS, David** [US/US]; 8457 Fairway Hollow, Mancelona, MI 49659 (US).

(74) **MCGARRY, John, E.**; McGarry Bair PC, 171 Monroe Ave. NW, Suite 600, Grand Rapids, MI 49503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **E21B 49/08**

(11) **WO 2004/104374** (13) A1

(21) PCT/US2004/016013

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,358 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **A METHOD AND APPARATUS FOR DETERMINING AN OPTIMAL PUMPING RATE BASED ON A DOWNHOLE DEW POINT PRESSEURE DETERMINATION**

• PROCEDE ET APPAREIL POUR DETERMINER UN TAUX DE POMPAGE OPTIMAL FONDE SUR LA DETERMINATION DE LA PRESSION DU POINT DE ROSEE AU FOND DU PUIT

(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) **SHAMMAI, Houman, M.**; 2203 Garden Stream Ct., Houston, TX 77062 (US).

(74) **RIDDLE, Albert, J. et al.** / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

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

Published / Publiée : (c)

(51)⁷ **E21D 23/26**

(11) **WO 2004/104375** (13) A1

(21) PCT/DE2004/000787

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) de (26) de

(30) 103 21 826.2 **14 May/mai 2003 DE (14.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **HYDRAULIC CONTROL FOR FACE SUPPORT**

• COMMANDE HYDRAULIQUE POUR LE SOUTÈNEMENT EN TAILLE

(71) **TIEFENBACH CONTROL SYSTEMS GMBH** [DE/DE]; Kaninenberghöhe 2, 45136 Essen (DE).

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

(72, 75) **KUSSEL, Willi** [DE/DE]; Julius-Leber-Str. 8, 59368 Werne (DE).

(74) **KRIENEN, PFINGSTEN, TRUSKOWSKI**; Patent- und Rechtsanwälte, Königstrasse 49, 42853 Remscheid (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 **F01B 3/04**

(11) **WO 2004/104376** (13) A1

(21) PCT/CA2004/000756

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10/443,888 **23 May/mai 2003 US (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **AN ENGINE WITH DRIVE RING**

• MOTEUR DOTE D'UNE BAGUE D'ENTRAÎNEMENT

(71) ATTEGRO INC. [CA/CA]; 14 Patience Crescent, London, Ontario N6E 2K9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CANNATA, Antonio [CA/CA]; 14 Patience Crescent, London, Ontario N6E 2K9 (CA).

(74) BAKER, John, A. et al. / etc.; Kirby Eades Gale Baker, P.O. Box 3432, Station D., Ottawa, Ontario K1P 6N9 (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 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 F01D

(11) WO 2004/104377 (13) A2

(21) PCT/US2004/014553

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 60/469,382 9 May/mai 2003 US (09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROTARY ADJUSTABLE EXHAUST NOZZLE

• TUYERE D'ÉCHAPPEMENT ROTATIVE ET REGLABLE

(71) THE NORDAM GROUP, INC. [US/US]; 510 South Lansing, Tulsa, OK 74120 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) LAIR, Jean-Pierre; 127 Paddington Way, San Antonio, TX 78209 (US).

(74) CONTE, Francis, L.; 6 Puritan Avenue, Swampscott, MA 01907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F01D 11/12, C23C 4/10, F01D 5/28, 5/20

(11) WO 2004/104378 (13) A1

(21) PCT/DE2004/000808

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de

(30) 103 22 339.8 17 May/mai 2003 DE (17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INLET COATING FOR GAS TURBINES
• REVETEMENT D'ENTRÉE POUR TURBINES A GAZ

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRIEDRICH, Christian [DE/DE]; Herterichstrasse 74, 81477 München (DE).

(74) SÖLLNER, Oliver et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C 106, 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ F01D 25/16, F16C 32/06, F15B 20/00

(11) WO 2004/104379 (13) A1

(21) PCT/EP2004/004175

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 03011741.0 23 May/mai 2003 EP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BEARING FOR AXIALLY MOUNTING A ROTOR OF A GAS TURBINE, AND GAS TURBINE

• PALIER POUR LE MONTAGE AXIAL D'UN ROTOR DE TURBINE A GAZ ET 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) CERIC, Hajrudin [BA/DE]; Gewerkschaftsstrasse 47-49, 46045 Oberhausen (DE). DUZIC, Andrija [HR/DE]; Erasustrasse 23, 40223 Düsseldorf (DE). PASQUALINO, Salvatore [DE/DE]; Leutweinstrasse 15, 40593 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 F01L 9/04, 3/10

(11) WO 2004/104380 (13) A1

(21) PCT/EP2004/050387

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 23 657.0 26 May/mai 2003 DE (26.05.2003)

(30) 103 41 698.6 10 Sep/sep 2003 DE (10.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VALVE DRIVE FOR A GAS EXCHANGE VALVE

• MECANISME DE COMMANDE POUR SOUPAPE DE CHANGEMENT DES GAZ

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt (DE).

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

(72, 75) VOLZ, Peter [DE/DE]; In den Wingerten 14, 64291 Darmstadt (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).

(51)⁷ F01M 13/04

(11) WO 2004/104381 (13) A1

(21) PCT/EP2004/004614

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 23 261.3 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CENTRIFUGAL OIL SEPARATOR FOR BLOW-BY GASES OF AN INTERNAL COMBUSTION ENGINE

• SEPARATEUR CENTRIFUGE D'HUILE DESTINE AUX GAZ DE FUITE D'UN MOTEUR A COMBUSTION INTERNE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOFFMANN, Michael [DE/DE]; Warthbühlstrasse 21, 71384 Weinstadt (DE).

RUESS, Andreas [DE/DE]; Schwarenb-
bergstrasse 184, 70184 Stuttgart (DE).

(74) **KREISER, André** et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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 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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(25) en (26) en

(30) TV2003A000080 22 May/mai 2003 IT
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REGENERATION PROCESS FOR CAT-
ALYTIC CONVERTERS

• PROCEDE DE REGENERATION POUR
CONVERTISSEURS CATALYTIQUES

(71) **BRAIN** [IT/IT]; Viale Delle Industrie, 60A,
I-31030 Dossan (TV) (IT).
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les États désignés sauf US)

(72, 75) **LOIOLA, Marco** [IT/IT]; Via Don
Bosco, 17, I-30020 Marcon (VE) (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 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).

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 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)

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

(u) for / pour US only / seulement

(51)⁷ F01N 3/02, F02D 9/02, 43/00

(11) WO 2004/104383 (13) A1

(21) PCT/JP2004/004170

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-142458 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIESEL ENGINE EXHAUST GAS-PU-
RIFYING DEVICE AND CONTROL
MEANS

• FILTRE POUR GAZ D'ÉCHAPPEMENT
DE MOTEUR DIESEL ET REGULA-
TEUR

(71) **TOKUDAIJI INSTITUTE OF AUTOMO-
TIVE CULTURE INC.** [JP/JP]; 8-16, Yon-
bancho, Chiyoda-ku, Tokyo 102-0081 (JP).
DEPRO CORPORATION [JP/JP]; 21-19,
Toranomon 1-chome, Minato-ku, Tokyo 105-
0001 (JP).

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les États désignés sauf US)

(72, 75) **MATSURA, Yoshimasa** [JP/JP]; 733,
Kawaoka, Yonago-shi, Tottori 689-3521 (JP).

(74) **YOSHIDA, Yoshiharu**; Shuwa No.2 Tora-
nomon Building 6F, 21-19, 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 F01N 3/02

(11) WO 2004/104384 (13) A1

(21) PCT/JP2004/006958

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144715 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXHAUST GAS PURIFIER

• EPURATEUR DE GAZ
D'ÉCHAPPEMENT

(71) **HINO MOTORS, LTD.** [JP/JP]; 1-1, Hin-
odai 3-chome, Hino-shi, Tokyo 1918660 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SHIMODA, Masatoshi** [JP/JP]; c/o
Hino Motors, Ltd., 1-1, Hinodai 3-chome,
Hino-shi, Tokyo 1918660 (JP). **TAKE-
NAKA, Yoshihide** [JP/JP]; c/o Hino Motors,

Ltd., 1-1, Hinodai 3-chome, Hino-shi, Tokyo
1918660 (JP).

(74) **YAMADA, Tsunemitsu** et al. / etc.; 2nd Ya-
hagi Bldg., 5-3, Uchikanda 3-chome, Chiyo-
da-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 OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 F01N 3/02, 3/08, F02D 41/34

(11) WO 2004/104385 (13) A1

(21) PCT/JP2004/006959

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144716 22 May/mai 2003 JP
(22.05.2003)

(30) 2003-154155 30 May/mai 2003 JP
(30.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXHAUST GAS PURIFIER

• EPURATEUR DE GAZ
D'ÉCHAPPEMENT

(71) **HINO MOTORS, LTD.** [JP/JP]; 1-1, Hin-
odai 3-chome, Hino-shi, Tokyo 1918660 (JP).
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(72, 75) **SHIMODA, Masatoshi** [JP/JP]; c/o
Hino Motors, Ltd., 1-1, Hinodai 3-chome,
Hino-shi, Tokyo 1918660 (JP).

(74) **YAMADA, Tsunemitsu** et al. / etc.; 2nd Ya-
hagi Bldg., 5-3, Uchikanda 3-chome, Chiyo-
da-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 OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 F01N 3/022

(11) WO 2004/104386 (13) A2

(21) PCT/EP2004/050739

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) PCT/EP03/50190 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DIESEL SOOT PARTICULATE FILTER MEDIUM
• MATERIAU FILTRANT DE PARTICULES DE SUIES DU DIESEL

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaertstraat 2, B-8550 Zwevegen (BE).
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(72, 75) MEI, Feng [BE/BE]; Konigin Fabiolalaan 69, B-9000 Gent (BE). LAMBERT, Eddy [BE/BE]; Veemeersstraat 16, B-8540 Deerlijk (BE).

(74) VAN STEENLANDT, Wim; Bekaertstraat 2, B-8550 Zwevegen (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 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 F01N 3/023, 3/031, B01D 25/32, 46/04, 46/42, 46/48

(11) WO 2004/104387 (13) A1

(21) PCT/EP2004/004865

(22) 7 May/mai 2004 (07.05.2004)

(25) de (26) de

(30) 103 23 735.6 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR CLEANING A PARTICLE FILTER
• PROCEDE DE NETTOYAGE D'UN FILTRE A PARTICULES

(71) PUREM ABGASSYSTEME GMBH & CO. KG [DE/DE]; Heinrich-Hertz-Strasse 10, 59423 Unna (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BACH, Bastian [DE/DE]; Dorner Weg 42, 42119 Wuppertal (DE). DITTLER, Achim [DE/DE]; Kaethe-Loewenthal-Strasse 8, 70619 Stuttgart (DE). HIMMEN, Michael [DE/DE]; Steinkuhle 8, 58730 Fröndenberg (DE). KRUTZSCH, Bernd [DE/DE]; Eichendorffstrasse 8, 73770 Denkendorf (DE). NEUMANN, Peter [DE/DE]; Pater-Alker-Weg 18, 58706 Menden (DE). SCHMIDT, Eberhard [DE/DE]; Böhler Weg 12a, 42285 Wuppertal (DE). SONNENBERG, Jost-Peter [DE/DE]; Göckinghofstrasse 51, 58332 Schwelm (DE). WENNINGER, Günter [DE/DE]; Alte Dorfstrasse 36a, 70599 Stuttgart (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 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 F01N 3/035, 3/28, 3/08

(11) WO 2004/104388 (13) A1

(21) PCT/EP2004/005319

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 385.7 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • EXHAUST GAS CLEANING SYSTEM FOR AN INTERNAL COMBUSTION ENGINE
• INSTALLATION D'EPURATION DES GAZ D'ECHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE

(71) DAIMLERCHRYSLER AG [DE/DE]; Eppelstrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEPPELER, Berthold [DE/DE]; Teckstrasse 45/6, 73277 Owen (DE). SCHARR, Detlef [DE/DE]; Burgtaller Strasse 25, 71397 Leutenbach (DE).

(74) KREISER, André 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 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 F01N 3/20, F02D 41/40

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(21) PCT/EP2004/004977

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 103 23 245.1 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD OF PURIFYING THE EXHAUST GAS OF A DIESEL ENGINE

BY MEANS OF A DIESEL OXIDATION CATALYST

- PROCEDE PERMETTANT LA PURIFICATION DES GAZ D'ECHAPPEMENT D'UN MOTEUR DIESEL AU MOYEN D'UN CATALYSEUR D'OXYDATION DIESEL

(71) UMICORE AG & CO. KG [DE/DE]; Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang (DE).
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(72, 75) GIESHOFF, Jürgen [DE/DE]; Am Burgwerksrain 10, 63599 Biebergemünd (DE). LOX, Egbert [DE/DE]; Am Lärchentor 8, 36355 Hochwaldhausen (DE). NEUHAUSEN, Ulrich [DE/DE]; Saassenstrasse 17, 47807 Krefeld (DE). PFEIFER, Marcus [DE/DE]; Wittkuller Strasse 154a, 42719 Solingen (DE). KREUZER, Thomas [DE/DE]; Philipp-Reis-Strasse 13, 61184 Karben (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 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 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 F02B 37/10, 37/14, 37/16, F02M 25/07, F01N 3/32

(11) WO 2004/104390 (13) A1

(21) PCT/GB2004/002169

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311468.3 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • A TURBOCHARGER APPARATUS
• APPAREIL TURBOCOMPRESSEUR

(71) RICARDO UK LIMITED [GB/GB]; Bridge Works, Shoreham-by-Sea, West Sussex BN43 5FG (GB).
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(72, 75) WALSH, Christopher, Ian [US/US]; 64 Goldsotne Road, Hove, East Sussex BN3 3RH (US).

(74) KILBURN & STRODE et al. / etc.; 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 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 F02B 75/22, F01M 1/08, F01P 3/08

(11) WO 2004/104391 (13) A1

(21) PCT/EP2004/002805

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 23 734.8 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-CYLINDER COMBUSTION ENGINE

• MOTEUR À COMBUSTION INTERNE À PLUSIEURS CYLINDRES

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUHNS, Werner [DE/DE]; Hindenburgstrasse 9, 71149 Bondorf (DE). KNOLL, Peter [DE/DE]; Jahnstrasse 17, 74172 Neckarsulm (DE). SCHWARZ, Jürgen [DE/DE]; Tälstrasse 14, 74363 Eibensbach (DE). STOTZ, Jan [DE/DE]; Höhenweg 33, 71543 Wüstenrot (DE). ZIMMERMANN, Wolf [DE/DE]; Bergstrasse 5, 71672 Marbach (DE).

(74) KREISER, André 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 PL PT 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

(11) WO 2004/104392 (13) A2

(21) PCT/US2004/015646

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/440,673 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AIR TURBINE STARTER WITH ANGULAR CONTACT THRUST BEARING

• TURBO-DEMARREUR A AIR COM-
PORTANT UN PALIER DE BUTEE A
CONTACT ANGULAIRE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72, 75) FEEST, Robert, H. [US/US]; 16410 Inca Avenue, Fountain Hills, AZ 85268 (US).

(74) HOIRIIS, David, Esq.; 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 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 F02D 41/00, 23/00, F02B 37/00

(11) WO 2004/104393 (13) A1

(21) PCT/EP2004/004365

(22) 24 Apr/avr 2004 (24.04.2004)

(25) de (26) de

(30) 103 23 726.7 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REGULATOR DEVICE, INTERNAL COMBUSTION ENGINE, VEHICLE AND METHOD FOR REGULATING THE BOOST PRESSURE OF TWO EXHAUST-GAS TURBOCHARGERS

• DISPOSITIF DE REGULATION, MOTEUR A COMBUSTION INTERNE, VEHICULE ET PROCEDE DE REGULATION DE LA PRESSION DE SURALIMENTATION DE DEUX TURBOCOMPRESSEURS

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASCHNER, Werner [DE/DE]; Ulmer Gasse 9, 89073 Ulm (DE). MERTEN, Ulrich [DE/DE]; Adolf-v.-Menzel-Weg 17, 70771 Leinfelden-Echterdingen (DE).

(74) SCHRAUF, Matthias 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 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 F02D 41/00

(11) WO 2004/104394 (13) A1

(21) PCT/JP2004/006202

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003-146101 23 May/mai 2003 JP (23.05.2003)

(30) 2003-418590 16 Dec/déc 2003 JP (16.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROL DEVICE FOR MULTI-CYLINDER INTERNAL COMBUSTION ENGINE

• DISPOSITIF DE COMMANDE DE MOTEUR THERMIQUE A CYLINDRES MULTIPLES

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP).

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

(72, 75) TSUNOOKA, Takashi [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP). HIRAKU, Keizo [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP). NAKASAKA, Yukihiko [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP). HASHIZUME, Akira [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP). KANAI, Hiroshi [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP). FUWA, Naohide [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (JP). KAGA, Tomoyuki [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyotacho, Toyota-shi, Aichi, 4718571 (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 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 F02D 41/02, F01N 3/023, 3/08

(11) WO 2004/104395 (13) A1

(21) PCT/EP2004/050901

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 103 23 561.2 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE OPERATION OF A PART DISPOSED IN AN EXHAUST ZONE OF AN INTERNAL COMBUSTION ENGINE, AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN COMPOSANT PLACE DANS UNE ZONE D'ÉCHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE ET DISPOSITIF CORRESPONDANT

(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) PFAEFFLE, Andreas [DE/DE]; Rosenstrasse 26, 71543 Wuestenrot (DE). WIRTH, Ralf [DE/DE]; Gerlinger Strasse 132, 71229 Leonberg (DE). WUEST, Marcel [DE/DE]; Warthstrasse 4, 70825 Korntal (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 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 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).

Published / Publiée : (c)

(51)⁷ F02D 41/20

(11) WO 2004/104396 (13) A1

(21) PCT/EP2004/004310

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 23 172.2 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRIVER STAGE FOR A SOLENOID VALVE

• ETAGE PILOTE DESTINE A UNE ELECTROVANNE

(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) PADRONI, Gianni [IT/DE]; Kreul Strasse 5, 91301 Forchheim (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 F02D 41/38, 41/12, F02M 63/02

(11) WO 2004/104397 (13) A1

(21) PCT/EP2004/050586

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 10323874.3 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE, FUEL SYSTEM, AND VOLUME FLOW CONTROL VALVE

• PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION, SYSTEME D'ALIMENTATION EN CARBURANT ET SOUPEPE DE REGULATION DE DEBIT VOLUMETRIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACHLEITNER, Erwin [AT/AT]; Höflinger Ring 19, A-93083 Obertraubling (AT). ESER, Gerhard [DE/DE]; Heimweg 11, 93155 Hemau (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 F02D 41/38, 41/40

(11) WO 2004/104398 (13) A1

(21) PCT/US2004/015003

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/249,874 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IN-CYLINDER COMBUSTION RECIPE FOR MEETING TIER 2 LOCOMOTIVE EMISSIONS REGULATIONS

• FORMULE DE COMBUSTION DANS LE CYLINDRE RESPECTANT LES REGLEMENTS EN MATIERE D'EMISSIONS DES LOCOMOTIVES DE CATEGORIE 2

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

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

(72) GLENN, W., Douglas; 1360 Fieldcrest Drive, Erie, PA 16505 (US). DILLEN, Eric; 636 Hilltop Road, Erie, PA 16509 (US). GALLAGHER, Shawn; 5429 Frazier Street, Erie, PA 16510 (US). BEDAPUDI, Prakash; 4559 Voyageur Drive, Erie, PA 16505 (US).

(74) GNIBUS, Michael 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 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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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 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)

(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 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 F02G 5/00, F01B 17/02

(11) WO 2004/104399 (13) A1

(21) PCT/US2003/038924

(22) 9 Dec/déc 2003 (09.12.2003)

(25) en (26) en

(30) 60,432,056 9 Dec/déc 2002 US (09.12.2002)

- (30) 10/730,684 **8 Dec/déc 2003** US
(08.12.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SYSTEM AND METHOD OF USE OF EXPANSION ENGINE TO INCREASE OVERALL FUEL EFFICIENCY
• SYSTEME ET PROCEDE D'UTILISATION DE MACHINE DE DETENTE AFIN D'AUGMENTER LE RENDEMENT ENERGETIQUE GLOBAL
- (71) DRESSER, INC. [US/US]; 11th Floor, Millennium 1, 15455 Dallas Parkway, Addison, TX 75001 (US).
- (72) WATSON, David, B.; 1100 Buena Vista Avenue, Waukesha, WI 53188 (US). **SORGE, Gregory, W.**; 2121 Grayfox Ct., Waukesha, WI 53188 (US).
- (74) RIPPAMONTI, Russell, N.; Fish & Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201-4605 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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).
- Published / Publiée : (a)
-
- (51)⁷ F02M
- (11) WO 2004/104400 (13) A2
- (21) PCT/US2004/014577
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 10/440,335 **16 May/mai 2003** US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PISTON SEALING MECHANISM FOR LIQUID ADDITIVE INJECTION PUMP
• MECANISME D'ETANCHEITE DE PISTON POUR POMPE A INJECTION D'UN ADDITIF LIQUIDE
- (71) DOSMATIC USA, Inc. [US/US]; 1230 Crowley Circle, Carrollton, TX 75006 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WALTON, Frank, A. [US/US]; 3748 Country Club Circle, Ft. Worth, TX 76109 (US). **WILLIAMS, James, E.** [US/US]; 1504 Woodoak Drive, Richardson, TX 75052 (US).
- (74) HARPER, Scott, L.; Carstens, Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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).

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 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)

(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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F02M 31/20, F28D 9/00

(11) WO 2004/104401 (13) A1

(21) PCT/DE2003/003128

(22) 22 Sep/sep 2003 (22.09.2003)

(25) de (26) de

(30) 103 21 065.2 **10 May/mai 2003** DE
(10.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FUEL AND FUEL COOLER WITH LAMELLAR INNER STRUCTURES FOR CONNECTING TO THE AIR-CONDITIONING SYSTEM

- AUTOMOBILE ET REFROIDISSEUR DE CARBURANT A STRUCTURES INTERIEURES LAMELLAIRES, A RACCORDER AU SYSTEME DE CLIMATISATION

(71) VÄTH MOTORENTECHNIK GMBH [DE/DE]; Aschaffenburg str.75, 63768 Hösbach (DE).

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

(72, 75) VÄTH, Wolfgang [DE/DE]; Aschaffenburg Str.75, 63768 Hösbach (DE).

(74) PÖHNER, Wilfried; Röntgenring 4, Postfach 63 23, 97070 Würzburg (DE).

(81) AE AU CA CN CZ FI GB ID IN JP KR MX NO PL SE US.

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

(51)⁷ F02M 37/10, 37/22

(11) WO 2004/104402 (13) A1

(21) PCT/EP2004/050664

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 22 621.4 **20 May/mai 2003** DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SUPPLY UNIT FOR FIXING IN A FUEL TANK

- UNITE D'ALIMENTATION PREVUE POUR ETRE FIXEE DANS UN RESERVOIR A CARBURANT

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

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

(72, 75) BAHL, Benoit [FR/FR]; 35 rue Harpe, F-57620 Götzenbruck (FR).

(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 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 F02M 47/02, 51/06, 59/46

(11) WO 2004/104403 (13) A1

(21) PCT/DE2004/000566

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 22 672.9 **20 May/mai 2003** DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • VALVE FOR CONTROLLING LIQUIDS
• SOUPAPE PERMETTANT DE COMMANDER LE PASSAGE DE LIQUIDES

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70422 Stuttgart (DE).

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

(72, 75) RUTHARDT, Siegfried [DE/DE]; Schachhofstrasse 7/2, 71155 Altdorf (DE). **STREICHER, Bernd** [DE/DE]; Bonlaender Hauptstrasse 19/1, 70794 Filderstadt (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70422 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

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 F02M 51/06

(11) WO 2004/104404 (13) A1

(21) PCT/DE2004/000568

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 22 673.7 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VALVE FOR CONTROLLING LIQUIDS
• SOUPAPE PERMETTANT DE COM-
MANDER LE PASSAGE DE LIQUIDES

(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) KIENZLER, Dieter [DE/DE];
Neukoellner Str. 6, 71229 Leonberg (DE).
SCHMIEDER, Dietmar [DE/DE]; Silcher-
str. 12, 71706 Markgroeningen (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 F02M 59/46, 63/02

(11) WO 2004/104405 (13) A1

(21) PCT/DE2004/000659

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 22 127.1 16 May/mai 2003 DE
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRESSURE CONTROL VALVE FOR
A FUEL INJECTION SYSTEM PRO-
VIDED WITH AN ACCUMULATOR
• SOUPAPE DE REGLAGE DE PRES-
SION POUR SYSTEME D'INJECTION
DE CARBURANT A ACCUMULATEUR

(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) BRAEUER, Christian [AT/AT];
Wehrgrabengasse 42/2/6, A-4400 Steyr
(AT). HOLL, Stefan [AT/AT]; Kronabitten
5, A-4901 Ottmang (AT).

(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 F02M 61/04, 61/18, 45/08

(11) WO 2004/104406 (13) A1

(21) PCT/DE2003/004022

(22) 6 Dec/déc 2003 (06.12.2003)

(25) de (26) de

(30) 103 22 826.8 19 May/mai 2003 DE
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FUEL INJECTION VALVE FOR COM-
BUSTION ENGINES
• SOUPAPE D'INJECTION DE CARBU-
RANT POUR MOTEURS A COMBUS-
TION INTERNE

(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) MERTENS, Jochen [BE/DE]; Hof-
stattstr. 19, 72764 Reutlingen (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 03
30, 70442 Stuttgart (DE).

(81) CN JP KR US.

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

(51)⁷ F02M 61/16, 61/18

(11) WO 2004/104407 (13) A1

(21) PCT/EP2004/050529

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 03011856.6 26 May/mai 2003 EP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INJECTION NOZZLE WITH AN IM-
PROVED INJECTION FUNCTION AND
METHOD FOR PRODUCING AN IN-
JECTION NOZZLE
• INJECTEUR A INJECTION AMELIO-
REE ET PROCEDE DE FABRICATION
D'UN INJECTEUR

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

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les États désignés sauf US)

(72, 75) SIVIERI, Simone [IT/IT]; Via Mameli,
8, I-57027 San Vincenzo (LIVORNO) (IT).

(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

(11) WO 2004/104408 (13) A1

(21) PCT/EP2004/050615

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 23 875.1 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIHOLE INJECTION NOZZLE
• INJECTEUR A PLUSIEURS TROUS

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

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(72, 75) BREEDLOVE, Jürgen [DE/DE];
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KRÜGER, Grit [DE/DE]; Grabengasse
5, 93059 Regensburg (DE). LÖBBERING,
Ferdinand [DE/DE]; Schützenring 35, 93087
Altteuflofsheim (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 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 F02M 63/02, 59/10, F04B 9/04

(11) WO 2004/104409 (13) A1

(21) PCT/GB2004/002235

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311814.8 22 May/mai 2003 GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PUMP ASSEMBLY
• ENSEMBLE POMPE(71) DELPHI TECHNOLOGIES, INC.
[US/US]; P.O. Box 5052, Troy, MI 48007
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) WOOD, Christopher [GB/GB]; 52 Her-
bert Road, Gillingham, Kent ME8 9BY (GB).
COLLINGBORN, Peter [GB/GB]; 82
Burnham Walk, Gillingham, Kent ME8 8RH
(GB). THORNTHWAITE, Ian [GB/GB];
1 Old Barn Close, Gillingham, Kent ME7
3PJ (GB). CUST, Daniel [GB/GB]; 12 The
Abbey, Ashurst Wood, East Sussex RH19
3SA (GB).(74) HOPLEY, Joanne, Selina 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 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 F02P 5/04, F02N 11/08, 17/00

(11) WO 2004/104410 (13) A1

(21) PCT/DE2004/000411

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 22 361.4 9 May/mai 2003 DE
(09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND DEVICE FOR IM-
PROVING THE STARTING BEHAVIOR
OF A MOTOR VEHICLE• PROCEDES ET DISPOSITIF POUR
AMELIORER LE COMPORTEMENT
AU DEMARRAGE D'UN MOTEUR A
COMBUSTION INTERNE(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) CASAL KULZER, André-Francisco
[DE/DE]; Panoramastrasse 35, 71032 Boe-
blingen (DE). LAUBENDER, Jochen
[DE/DE]; Usedomstrasse 34, 70439 Stuttgart
(DE). SIEBER, Udo [DE/DE]; Meisenweg
7/1, 74321 Bietigheim (DE).(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 F03B 13/26 // 13/22, B63B 21/50

(11) WO 2004/104411 (13) A1

(21) PCT/NO2004/000148

(22) 18 May/mai 2004 (18.05.2004)

(25) no (26) en

(30) 20032295 21 May/mai 2003 NO
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARRANGEMENT FOR ANCHORING A
FLOATING STRUCTURE
• SYSTEME POUR ANCRER UNE
STRUCTURE FLOTTANTE(71) HYDRA TIDAL ENERGY TECHNOL-
OGY AS [NO/NO]; Verkstedveien 3, N-9406
Harstad (NO).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HENRIKSEN, Svein, D. [NO/NO];
Dvergfuruveien 11b, N-9414 Harstad (NO).(74) LANGAN, Hans; 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 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 F03D 7/04

(11) WO 2004/104412 (13) A1

(21) PCT/EP2004/005164

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 23 785.2 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR OPERATION OF A
WIND ENERGY PLANT
• PROCEDE DE FONCTIONNEMENT
D'UNE EOLIENNE(71, 72) WOBLEN, Aloys [DE/DE]; Argestrasse
19, 26607 Aurich (DE).(74) GÖKEN, Klaus, G.; Eisenführ, Speiser &
Partner, Postfach 10 60 78, 28060 Bremen
(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 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 F03D 11/04, 1/00

(11) WO 2004/104413 (13) A1

(21) PCT/GB2004/002128

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0311536.7 20 May/mai 2003 GB
(20.05.2003)(30) 0405115.7 6 Mar/mar 2004 GB
(06.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN ELECTRICAL POWER GENERA-
TION ASSEMBLY
• ENSEMBLE DE GENERATION DE
PUISSANCE ELECTRIQUE(71) ROLLS-ROYCE PLC [GB/GB]; 65 Buck-
ingham Gate, London SW1E 6AT (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KNOTT, David, Sydney [GB/GB];
28 Poulteney Drive, Quorn, Loughborough
LE12 8EY (GB).(74) GUNN, Michael, Alan; Rolls-Royce plc, PO
Box 31, Derby DE24 8BJ (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 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).

Published / Publiée : (c)

(51)⁷ F04B

(11) WO 2004/104414 (13) A2

(21) PCT/US2004/014318

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/440,578 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEAL AND BEARING-FREE FLUID PUMP INCORPORATING A PASSIVELY SUSPENDED SELF-POSITIONING IMPELLER

• POMPE A FLUIDE SANS PALIER NI JOINT D'ÉTANCHEITE COMPRENANT UN ROTOR A POSITIONNEMENT AUTOMATIQUE A SUSPENSION PASSIVE

(71) **ADVANCED BIONICS, INC.** [US/US]; 620 South 14th Avenue, Hopkins, MN 55343 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **IZRAELEV, Valentin** [US/US]; 6574 Cherokee Trail West, Eden Prairie, MN 55344 (US).

(74) **BURNS, Mark, J.**; Haugen Law Firm PLLP, 1130 TCF Tower, 121 South Eighth 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 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 **F04B**

(11) **WO 2004/104415** (13) A2

(21) PCT/US2004/015371

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/439,535 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAPHRAGM PUMP

• POMPE A MEMBRANE

(71) **WANNER ENGINEERING, INC.** [US/US]; 1204 Chestnut Avenue, Minneapolis, MN 55403 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEHRKE, Kenneth, E.** [US/US]; 6213 Yucca Lane, Maple Grove, MN 55311 (US).
HEMBREE, Richard, D. [US/US]; 710 Linden Road, Bellingham, WA 98229 (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 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 **F04B 35/04, G10K 17/00**

(11) **WO 2004/104416** (13) A1

(21) PCT/US2004/014972

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/440,755 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CRANKCASE HEATER MOUNTING FOR A COMPRESSOR

• MONTAGE DE RECHAUFFEUR POUR CARTER SUPERIEUR D'UN COMPRESSEUR

(71) **BRISTOL COMPRESSORS, INC.** [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).

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(72, 75) **CHUMLEY, Eugene** [US/US]; 19473 Triple Crown Drive, Abingdon, VA 24211 (US).
MONK, David [US/US]; 167 Masters Court, Bristol, VA 24202 (US).
HIX, Scott [US/US]; 17 Heritage Drive #25, Bristol, VA 24201 (US).
ADDISON, William [US/US]; 2931 Broad Street #141, Bristol, TN 37629 (US).

(74) **MILLER, Jonathan et al.** / etc.; McNees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108-1166 (US).

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

Published / Publiée : (c)

(51)⁷ **F04B 49/00, F15B 11/06**

(11) **WO 2004/104417** (13) A1

(21) PCT/SE2004/000783

(22) **19 May/mai 2004 (19.05.2004)**

(25) sv (26) en

(30) 0301457-8 **20 May/mai 2003** SE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND DEVICE FOR THE PNEUMATIC OPERATION OF A TOOL

• PROCEDE ET DISPOSITIF POUR L'ACTIONNEMENT PNEUMATIQUE D'UN OUTIL

(71) **CARGINE ENGINEERING AB** [SE/SE]; Kompanigatan 10, 1 tr, S-254 38 Helsingborg (SE).

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

(72, 75) **HEDMAN, Mats** [SE/SE]; Båvensvik, S-640 34 Sparreholm (SE).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F04B 49/06**

(11) **WO 2004/104418** (13) A1

(21) PCT/EP2004/005337

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 103 22 868.3 **21 May/mai 2003** DE
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CONTROLLING A PUMP MEANS

• PROCEDE POUR COMMANDER UNE POMPE

(71) **ECOLAB INC.** [US/US]; 370 Wabasha Street N., St. Paul, MN 55102-1390 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUTZ, Klaus** [DE/DE]; Siegsdorferstrasse 15, 83377 Vachendorf (DE).
HABERLANDER, Albert [DE/DE]; Hohensteinstrasse 4, 83278 Traunstein (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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(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 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 F04B 49/10, 49/06

(11) WO 2004/104419 (13) A1

(21) PCT/BR2004/000068

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) PI0301969-1 22 May/mai 2003 BR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SENSOR ASSEMBLY, A FLUID
PUMP AND A COOLER

• ENSEMBLE DE CAPTEUR, POMPE
FLUIDIQUE ET REFRIGÉRISSEUR

(71) EMPRESA BRASILEIRA DE COM-
PRESSORES S.A. EMBRACO [BR/BR];
Rua Rui Barbosa, 1020, 89219-901 Joinville
SC (BR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERWANGER, Egidio [BR/BR];
Estrada Blumeau, KM 15, Joinville, SC
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(74) DANNEMANN, SIEMSEN, BIGLER &
IPANEMA MOREIRA; Caixa Postal 2142,
Rua Marquês de Olinda, 70, 22251-040 Rio
de Janeiro - RJ (BR).

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

Published / Publiée : (c)

(51)⁷ F04B 53/22, 23/06

(11) WO 2004/104420 (13) A1

(21) PCT/DE2004/000550

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 22 604.4 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SET OF PISTON PUMPS, ESPECIALLY
FUEL PUMPS FOR DIRECT FUEL IN-
JECTION INTERNAL COMBUSTION
ENGINES

• ENSEMBLE DE POMPES A PISTONS,
EN PARTICULIER DE POMPES A CAR-
BURANT POUR MOTEURS A COM-
BUSTION A INJECTION DIRECTE

(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) SCHROEDER, Bernd [DE/DE]; Neue
Str. 14, 73732 Esslingen (DE). ALBRECHT,
Oliver [DE/DE]; Goethestr. 9, 74321 Bi-
etigheim-Bissingen (DE). SCHOEPEKE,
Manuel [DE/CZ]; Knezskodvorska 26, 3700
Ceske Budejovice (CZ). REMBOLD, Hel-
mut [DE/DE]; Oehringer Strasse 27, 70435
Stuttgart (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).

Published / Publiée : (c)

(51)⁷ F04C 18/02

(11) WO 2004/104421 (13) A1

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(22) 11 May/mai 2004 (11.05.2004)

(25) zh (26) zh

(30) 03113459.9 11 May/mai 2003 CN
(11.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCROLL PLATE AND MANUFAC-
TURE METHOD THEREOF
• COURONNE SPIRALEE ET SON PRO-
CEDE DE PRODUCTION

(71, 72) ZHOU, Jinsong [CN/CN]; Room
301, No.37-1 Fangnan District, Xuzhou,
Jiangsu 221006 (CN). ZHOU, Guangcheng
[CN/CN]; Room 301, No.37-1 Fangnan Dis-
trict, Xuzhou, Jiangsu 221006 (CN).

(74) LUNG TIN INTERNATIONAL INTEL-
LECTUAL PROPERTY AGENT LTD.;
18th Floor, Tower B, Grand Place, No.5
Huizhong Road, Chaoyang District, Beijing
100101 (CN).

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

Declaration / Déclaration :

(s) for all designations / pour toutes les
désignations

(51)⁷ F04D 29/02, 29/22

(11) WO 2004/104422 (13) A1

(21) PCT/DE2004/000591

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 21 868.8 15 May/mai 2003 DE
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR THE COMPRESSION OF
COMBUSTION AIR

• DISPOSITIF POUR COMPRESSER DE
L'AIR DE COMBUSTION

(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) BOLZ, Martin-Peter [DE/DE];
Schlosshoehe 41, 77815 Buehl (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).

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(51)⁷ F04D 29/08, 27/00

(11) WO 2004/104423 (13) A1

(21) PCT/AU2004/000646

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 2003902582 23 May/mai 2003 AU
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRESSURE RELIEF ARRANGEMENT
FOR A PUMP

• AGENCEMENT DE LIMITATION DE
PRESSION POUR POMPE

(71) WEIR WARMAN LTD [AU/AU]; 1 Mar-
den Street, Artarmon, New South Wales 2064
(AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BURGESS, Kevin, Edward [AU/AU];
37 Christel Avenue, Carlingford, New South
Wales 2118 (AU).

(74) SMEETON, Anthony, Richard 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 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 F04D 29/08, 13/06

(11) WO 2004/104424 (13) A1

(21) PCT/CN2004/000504

(22) 18 May/mai 2004 (18.05.2004)

(25) zh (26) zh

(30) 03138005.0 21 May/mai 2003 CN (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A WATER PUMP

• POMPE A EAU

(71, 72) LIAN, Ronghui [CN/CN]; 17-604 Room, OlifMansion, XinqiTown, Beilun District, Ningbo, Zhejiang 315800 (CN).

(74) CHANNEL PATENT ATTORNEYS OFFICE; 18/F., Sunshine Mansion, No. 65, Jiefang South Rd., Ningbo 315010 (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 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F04D 29/26, H02K 15/00

(11) WO 2004/104425 (13) A1

(21) PCT/IT2003/000311

(22) 22 May/mai 2003 (22.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ASSEMBLING A FAN TO AN ELECTRIC MOTOR AND MOTOR-FAN ASSEMBLY OBTAINED BY SUCH A METHOD

• PROCEDE PERMETTANT DE MONTER UN VENTILATEUR SUR UN MOTEUR ELECTRIQUE ET ENSEMBLE MOTEUR-VENTILATEUR OBTENU AU MOYEN DE CE PROCEDE

(71) RIELLO INTERNATIONAL GROUP S.P.A. [IT/IT]; Via Roma 44, I-37040 Bevilacqua (IT).

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

(72, 75) RIELLO, Valerio, Giordano [IT/IT]; Via Roma, 46, I-37040 Bevilacqua VR (IT).

(74) PERANI, Aurelio et al. / etc.; c/o Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 F15B 13/01, 11/044, 13/04

(11) WO 2004/104426 (13) A1

(21) PCT/DE2004/000969

(22) 10 May/mai 2004 (10.05.2004)

(25) de (26) de

(30) 103 21 914.5 15 May/mai 2003 DE (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDRAULIC CONTROL ARRANGEMENT

• DISPOSITIF DE COMMANDE HYDRAULIQUE

(71) BOSCH REXROTH AG [DE/DE]; Heidehofstrasse 31, 70184 Stuttgart (DE).

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

(72, 75) LÖDIGE, Heinrich [DE/DE]; Im Taigtrog 15, 71665 Vaihingen (DE). KEYL, Christoph [DE/DE]; Ulrich-von-Hutten-Strasse 22, 70825 Korntal-Münchingen (DE).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 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 F15B 20/00, F16K 27/00

(11) WO 2004/104427 (13) A1

(21) PCT/SE2004/000807

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 0301542-7 26 May/mai 2003 SE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A HYDRAULIC SYSTEM FOR A WORK MACHINE

• SYSTEME HYDRAULIQUE POUR ENGINE DE TRAVAUX

(71) NORDHYDRAULIC AB [SE/SE]; P.O. Box 189, S-872 24 Kramfors (SE).

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

(72, 75) LUNDGREN, Bertil [SE/SE]; Nässom 124, S-872 96 Bjärträ (SE).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F16B

(11) WO 2004/104428 (13) A2

(21) PCT/US2004/014881

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,721 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SOLID SHANK PAWL PIN WITH REDUNDANT LOCKING SYSTEM

• BROCHE A CLIQUET A TIGE SOLIDE AVEC SYSTEME DE BLOCAGE REDONDANT

(71) SHUR-LOK CORPORATION [US/US]; 2541 White Road, Irvine, CA 92614 (US).

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

- (72, 75) **PINEIROS, Victor, M.** [US/US]; 16414 Martin Lane, Huntington Beach, CA 92649 (US). **WAITS, Bobby, Lamar** [US/US]; 17416 Sun Lake Terrace, Riverside, CA 92503 (US). **DE LA FUENTE, Fernando** [US/US]; 15222 Cherbourg, Irvine, CA 92604 (US).
- (74) **PRICE, Joseph, W.**; **SNELL & WILMER LLP**, 1920 Main Street, Suite 1200, 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 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 **F16B**

(11) **WO 2004/104429** (13) **A2**

(21) PCT/US2004/007884

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) en (26) en

(30) 10/442,910 **20 May/mai 2003 (20.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **BLIND FASTENER AND NOSE ASSEMBLY FOR INSTALLATION OF THE BLIND FASTENER**

• **FIXATION EN AVEUGLE ET ENSEMBLE NEZ POUR L'INSTALLATION DE LA FIXATION EN AVEUGLE**

(71) **HUCK INTERNATIONAL, INC.** [US/US]; 3724 East Columbia Street, Tucson, AZ 85714 (US).

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

(72, 75) **HUFNAGL, Gerhart** [US/US]; Huck International, INC., 3724 East Columbia Street, Tucson, AZ 85714 (US). **LEE, Gilbert, M.** [US/US]; Huck International, INC., 3724 East Columbia Street, Tucson, AZ 85714 (US). **TORRENCE, Randall, G.** [US/US]; Huck International, INC., 3724 East Columbia Street, Tucson, AZ 85714 (US).

(74) **MAIVALD, David, P. et al. / etc.**; Eckert Seamans Cherin & Mellott, LLC, Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (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).

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 **F16B 37/04**

(11) **WO 2004/104430** (13) **A1**

(21) PCT/US2003/015849

(22) **20 May/mai 2003 (20.05.2003)**

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COATED FASTENER SYSTEMS AND METHODS OF PREVENTING ADHESION OF A SECOND COATING TO A PORTION OF A FASTENER SYSTEM**

• **SYSTEMES DE FIXATION AVEC REVETEMENT ET PROCEDE EMPÊCHANT UNE SECONDE COUCHE D'ADHÉRE A UNE PARTIE DU SYSTÈME DE FIXATION**

(71) **NEWFREY LLC** [US/US]; 1207 Drummond Plaza, Newark, DE 19111 (US).

(72) **YAKE, Donald, L.**; 3565 N 450 E., Bluffton, IN 46714-9212 (US). **TAYLOR, Timothy, O.**; 4601 E 300 S., Marion, IN 46953-9172 (US). **LOMBARDO, Brian**; 22490 Eddy Drive, Macomb Township, MI 48044 (US). **MURPHY, Edward, D.**; 16018 Falls Road, Sparks, MD 21152-9576 (US). **MILLER, Rex**; 4337 Forest Drive, Waterford, MI 48328 (US).

(74) **BROCK, Christopher, M. et al. / etc.**; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) JP.

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

(51)⁷ **F16B 37/06**

(11) **WO 2004/104431** (13) **A1**

(21) PCT/US2004/014440

(22) **10 May/mai 2004 (10.05.2004)**

(25) en (26) en

(30) 10/439,526 **16 May/mai 2003 (16.05.2003)** US

(30) 10/612,455 **2 Jul/juil 2003 (02.07.2003)** US

(30) 10/758,906 **16 Jan/jan 2004 (16.01.2004)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SELF-ATTACHING FASTENER AND METHOD OF ATTACHMENT**

• **DISPOSITIF DE FIXATION AUTOMATIQUE ET PROCEDE DE FIXATION**

(71) **FABRISTEEL PRODUCTS, INC.** [US/US]; 22100 Trolley Industrial Drive, Taylor, MI 48180 (US).

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

(72, 75) **WARD, Richard, P.** [US/US]; 41788 Princess Drive, Canton, MI 48188-5226 (US). **WOODS, Harold, T.** [US/US]; 26607 McBeth Court, Flat Rock, MI 48134-1863 (US). **VRANA, John, J.** [US/US]; 540 Essex Drive, Rochester Hills, MI 48307-3505 (US). **PARKER, John, M.** [US/US]; 2216 Independence Blvd., Ann Arbor, MI 48104-6441 (US). **BOGGS, Kerry, V.** [US/US]; 9200 Pontiac Trail, South Lyon, MI 48178-7020 (US).

(74) **SCOTT, Raymond, E. et al. / etc.**; Howard & Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, 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 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).

Published / Publiée : (c)

(51)⁷ **F16C 27/04**

(11) **WO 2004/104432** (13) **A1**

(21) PCT/SE2004/000610

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) sv (26) en

(30) 0301464-4 **20 May/mai 2003 (20.05.2003)** SE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **VIBRATION DAMPING DEVICE FOR BEARINGS**

• **DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS POUR PALIERS**

(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) **HAGBERG, Kenneth** [SE/SE]; Liljevalchsgatan 41, S-151 45 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 F16C 32/04, B60B 33/08

(11) WO 2004/104433 (13) A1

(21) PCT/UA2004/000030

(22) 14 May/mai 2004 (14.05.2004)

(25) ru (26) ru

(30) 2003054629 22 May/mai 2003 UA (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BALL BEARING
• SUPPORT SPHERIQUE

(71, 72) NIKULIN, Alexandr Fedorovich [UA/UA]; ul. Konstantinovskaya, 44-61, Kiev, 04080 (UA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F16C 33/58, 33/66

(11) WO 2004/104434 (13) A1

(21) PCT/DE2004/000813

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 22 631.1 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROLLER BEARING FOR LUBRICATED AND COOLED CONTINUOUS OPERATION AT HIGH SPEED

• PALIER A ROULEMENT POUR FONCTIONNEMENT CONTINU A GRANDE VITESSE A L'ETAT REFROIDI ET LUBRIFIE

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FLOUROS, Michael [DE/DE]; Fürstenerstrasse 141, 80686 München (DE).

(74) PFISTER, Fritz 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

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

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

(51)⁷ F16C 35/073, 35/02, 33/76, 25/08

(11) WO 2004/104435 (13) A1

(21) PCT/US2004/015847

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/472,385 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOAD SPREADER
• REPARTITEUR DE CHARGES

(71) THE GATES CORPORATION [US/US]; 1551 Wewatta Street, Denver, CO 80202 (US).

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(72) OZORAK, Michel; 54 Ponsford Place, St. Thomas, Ontario N5P 4J8 (CA). ARMSTRONG, Trevor; 20 Cheviot Road, London, Ontario, N6C 2X7 (CA). HODJAT, Yahya; 410 North Baldwin, Oxford, MI 48371-3410 (US).

(74) THURNAU, Jeffrey; The Gates Corporation, IP Law Dept. 10-A3, 1551 Wewatta Street, Denver, CO 80202 (US).

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

Published / Publiée : (c)

(51)⁷ F16C 43/06, B60K 17/14

(11) WO 2004/104436 (13) A1

(21) PCT/SE2004/000670

(22) 30 Apr/avr 2004 (30.04.2004)

(25) sv (26) en

(30) 0301265-5 30 Apr/avr 2003 SE (30.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANNULAR MEMBER AND DRIVE DEVICE COMPRISING THE ANNULAR MEMBER

• ELEMENT ANNULAIRE ET DISPOSITIF D'ENTRAÎNEMENT COMPRENANT LEDIT ELEMENT

(71) VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB [SE/SE]; S-635 85 Eskilstuna (SE).

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(72, 75) KINGSTON, Tim [SE/SE]; Lilla Movägen 10, S-632 39 Eskilstuna (SE). ÅKERBLOM, Mats [SE/SE]; Himmelsända Hässelbyäng, S-635 06 Eskilstuna (SE).

(74) FRÖHLING, Werner; Volvo Technology Corporation, Corporate Patents, 06820, M1.7, S-405 08 Göteborg (SE).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16D

(11) WO 2004/104437 (13) A2

(21) PCT/US2004/015503

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/440,756 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF ATTACHING A ROTOR TO A SHAFT

• PROCEDE DE FIXATION D'UN ROTOR A UN ARBRE

(71) BRISTOL COMPRESSORS, INC. [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).

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

(72, 75) EDWARDS, Jerry, D. [US/US]; 23265 Pioneer Drive, Bristol, VA 24202 (US). TOLBERT, John, W. [US/US]; 204 Ramkey Road, Bristol, TN 37620 (US). MONK, David, T. [US/US]; 167 Masters Court, Bristol, VA 24202 (US). SMITH, Richard, L. [US/US]; 207 Herron Drive, Kingsport, TN 37663 (US).

(74) SATTIZAHN, Brian, T. et al. / etc.; McNeese Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108-1166 (US).

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

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ F16D 3/84

(11) WO 2004/104438 (13) A1

(21) PCT/EP2004/004938

(22) 8 May/mai 2004 (08.05.2004)

(25) de (26) de

(30) 103 22 902.7 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BELLOWS ASSEMBLY
• ENSEMBLE SOUFFLET

(71) GKN DRIVELINE INTERNATIONAL GMBH [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEISINGER, Markus [DE/DE]; Siegfeldstrasse 9, 53721 Siegburg (DE).

(74) NEUMANN, Ernst, D. et al. / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (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 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).

Published / Publiée : (c)

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 UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW)

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/12, 25/0638, 25/10, 21/06

(11) WO 2004/104439 (13) A1

(21) PCT/EP2004/003756

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 23 514.0 24 May/mai 2003 DE (24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CLUTCH DEVICE, IN PARTICULAR A MULTIPLATE CLUTCH FOR A DOUBLE-CLUTCH GEARBOX
• DISPOSITIF D'EMBRAYAGE, EN PARTICULIER EMBRAYAGE A DISQUES POUR UNE BOITE DE VITESSES A EMBRAYAGE DOUBLE

(71) DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT [DE/DE]; Porscheplatz 1, 70435 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÖBEL, Peter [DE/DE]; Wiesenstrasse 5, 75242 Neuhausen (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/104440 (13) A1

(21) PCT/US2004/015309

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,645 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BRAKE ROTOR AND HUB ASSEMBLY
• ROTOR DE FREIN ET ENSEMBLE MOYEU

(71) BENDIX COMMERCIAL VEHICLE SYSTEMS LLC [US/US]; 901 Cleveland Street, Elyria, OH 44035 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAMINE, Dennis, R. [US/US]; 5404 Ashland Avenue, Lorain, OH 44053 (US).
SCHAFNER, John, R. [US/US]; 5929 Oakpoint Road, Lorain, OH 44053 (US).

(74) MCKNIGHT, Douglas, B.; Calfee, Halter & Griswold LLP, 800 Superior Avenue, Suite 1400, Cleveland, OH 44114 (US).

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ F16F 9/32, B62K 25/10, 23/06, B62J 25/00

(11) WO 2004/104441 (13) A1

(21) PCT/JP2004/007242

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-144423 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TWO-WHEELED MOTOR VEHICLE
• VEHICULE A MOTEUR A DEUX ROUES

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai., Iwata-shi., Shizuoka 4388501 (JP). SOQI KABUSHIKI KAISHA [JP/JP]; 200-1, Sakagawa., Kakegawa-shi., Shizuoka 4360084 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAKI, Toshio [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai., Iwata-shi., Shizuoka 4388501 (JP). ONO, Soichi [JP/JP]; c/o SOQI KABUSHIKI KAISHA, 200-1, Sakagawa, Kakegawa-shi., Shizuoka 4360084 (JP).

(74) SHIMOICHI, Tsutomu.; 19-23-715, Utsubonmachi 1-chome, Nishi-ku., Osaka-shi., Osaka 5500004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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 F16F 15/08, B62D 25/20, 25/08, F16F 1/50

(11) WO 2004/104442 (13) A1

(21) PCT/EP2004/005110

(22) 13 May/mai 2004 (13.05.2004)

(25) de (26) de

(30) 103 23 724.0 24 May/mai 2003 DE
(24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DAMPING STRUT FOR STABILIZING
BODY PARTS, AND VEHICLE BODY
COMPRISING DAMPING STRUTS

• ENTRETOISE D'AMORTISSEMENT
DESTINÉE A LA STABILISATION
D'ÉLEMENTS DE CARROSSERIE
ET CARROSSERIE D'UN VÉHICULE
AUTOMOBILE POURVU DE CES EN-
TRETOISES D'AMORTISSEMENT

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
pelstrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BÖHNKE, Wolfgang [DE/DE]; Ahorn-
weg 29, 71155 Altdorf (DE). VERDUN,
Philippe [FR/FR]; 10, rue Cantegril, F-31700
Mondonville (FR).

(74) BRANSE, Hermann et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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 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 F16H

(11) WO 2004/104443 (13) A2

(21) PCT/AT2004/000178

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) GM 359/2003 23 May/mai 2003 AT
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FRICTION CLUTCH AND ACTUATOR
THEREOF

• EMBRAYAGE A FRICTION ET AC-
TIONNEUR ASSOCIÉ

(71) MAGNA STEYR POWERTRAIN AG &
CO KG [AT/AT]; Industriestrasse 35, A-8502
Lannach (AT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) QUEHENBERGER, Johannes
[AT/AT]; Hinterhagweg 621, A-5753 Saal-
bach (AT).

(74) KOVAC, Werner; c/o Magna Steyr
Fahrzeugtechnik AG & CO KG, Liebe-
nauer Hauptstrasse 317, A-8041 Graz (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 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 F16H 3/44

(11) WO 2004/104444 (13) A1

(21) PCT/JP2004/005390

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-140260 19 May/mai 2003 JP
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC TRANSMISSION
• TRANSMISSION AUTOMATIQUE

(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) SUGINO, Soichi [JP/JP]; c/o
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JUTSU KENKYUSHO, 4-1, Chuo
1-chome, Wako-shi, Saitama 3510193
(JP). TAKAHASHI, Tsukasa [JP/JP];
c/o KABUSHIKI KAISHA HONDA GI-
JUTSU KENKYUSHO, 4-1, Chuo 1-chome,
Wako-shi, Saitama 3510193 (JP).

(74) OHNISHI, Shogo; S.OHNISHI & AS-
SOCIATES, HIGASHI-IKEBUKURO SS
BUILDING 1F, 3-20-3, Higashi-Ikebukuro,
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 OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/54, 37/04, 57/08

(11) WO 2004/104445 (13) A1

(21) PCT/EP2004/005329

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 254.0 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLANETARY GEAR TRAIN
• ENGRENAGE PLANÉTAIRE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE];
88038 Friedrichshafen (DE).

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

(72, 75) BADER, Josef [DE/DE]; Sedanstrasse
11, 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 RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ F16H 21/52

(11) WO 2004/104446 (13) A1

(21) PCT/DE2003/000572

(22) 22 Mar/mar 2003 (22.03.2003)

(25) de (26) de

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DRIVING DEVICE FOR A MACHINE,
ESPECIALLY PUMP OR MOTOR

• DISPOSITIF D'ENTRAÎNEMENT
D'UNE MACHINE, NOTAMMENT
D'UNE POMPE OU D'UN MOTEUR

(71, 72) BECK, Ernst [DE/DE]; Backnanger Str.
7, 71566 Althütte (DE). SORG, Reinhard
[DE/DE]; Auf dem Galgenberg 4, 74523
Schwäbisch Hall (DE).

(74) WEISSFLOH, Ingo; Ilberg & Weissfloh,
Prellerstrasse 26, 01309 Dresden (DE).

(81) AE AL AM AT AU AZ BA BG BR BY CA
CH CN CO CR CU CZ DE DK DZ EC EE ES
FI GB GE GH HR HU ID IL IN IS JP KG KP
KR KZ LK LT LU LV MA MD MG MK MX
NO NZ OM PH PL PT RO RU SE SG SK TJ
TM TN TR UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F16H 37/08

(11) WO 2004/104447 (13) A1

(21) PCT/EP2004/003391

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 23 073.4 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTINUOUSLY VARIABLE TRANS-
MISSION

• TRANSMISSION A VARIATION
CONTINUE

(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) **HENZLER, Steffen** [DE/DE]; Am Südhang 18, 73560 Böbingen (DE). **NGUYEN, Dinh, Cuong** [DE/DE]; Flandernstrasse 53/1, 73732 Esslingen (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 PL PT 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 39/14, 47/04**

(11) **WO 2004/104448** (13) A1

(21) PCT/JP2004/005833

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-145297 **22 May/mai 2003** JP (22.05.2003)

(30) 2003-145298 **22 May/mai 2003** JP (22.05.2003)

(30) 2003-145299 **22 May/mai 2003** JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **HYDROSTATIC STEPLESS SPEED CHANGE DEVICE**

• **DISPOSITIF DE CHANGEMENT DE VITESSE HYDROSTATIQUE EN CONTINU**

(71) **YANMAR CO., LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 5300013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOZAKI, Takeaki** [JP/JP] (JP).

(74) **YANO, Juichiro**; YANO INTERNATIONAL PATENT OFFICE, Twin 21 MID Tower 34th Floor, 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5406134 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F16H 47/04**

(11) **WO 2004/104449** (13) A1

(21) PCT/JP2004/006400

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-143684 **21 May/mai 2003** JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SPEED-CHANGING DEVICE**

• **DISPOSITIF DE CHANGEMENT DE VITESSE**

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-8414 (JP).
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(72, 75) **HIRAKI, Hikosaburo** [JP/JP]; c/o Komatsu Ltd. Head Office, 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-8414 (JP). **KUSE, Takashi** [JP/JP]; c/o Komatsu Ltd. Awazu Plant, Tsu 23, Futsumachi, Komatsu-shi, Ishikawa 923-0392 (JP). **OKADA, Toshikazu** [JP/JP]; c/o Komatsu Ltd. Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi, Osaka 573-1011 (JP). **YAMAMOTO, Shigeru** [JP/JP]; c/o Komatsu Ltd. Osaka Plant, 1-1, Ueno 3-chome, Hirakata-shi, Osaka 573-1011 (JP). **ISHIZAKI, Naoki** [JP/JP]; c/o Komatsu Ltd. Oyama Plant, 400, Yokokurashinden, Oyama-shi, Tochigi 323-8558 (JP).

(74) **INOUE, Tsutomu**; Hommachi Heisei Bldg. 4F, 2-12, Itachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0012 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F16H 57/02**

(11) **WO 2004/104450** (13) A1

(21) PCT/EP2004/003340

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) de (26) de

(30) 103 23 074.2 **22 May/mai 2003** DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **GEARBOX HOUSING**

• **CARTER DE BOITE DE VITESSES**

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Ep-plestrasse 225, 70567 Stuttgart (DE).
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(72, 75) **GRAEVE, Michael** [DE/DE]; Lenaustrasse 5, 71384 Weinstadt-Schnait (DE).

(74) **KOCHER, Klaus-Peter**; 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 PL PT 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 57/02, B60K 17/30**

(11) **WO 2004/104451** (13) A1

(21) PCT/JP2004/006928

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-144795 **22 May/mai 2003** JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **AXLE SUPPORTING STRUCTURE OF WORKING MACHINE**

• **STRUCTURE DE SUPPORT D'ESSIEU DE MACHINE DE TRAVAIL**

(71) **YANMAR CO., LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka, 5300013 (JP).

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(72, 75) **KIYOOKA, Koji** [JP/JP]

(74) **YANO, Juichiro**; YANO INTERNATIONAL PATENT OFFICE, Twin 21 MID Tower 34th Floor, 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5406134 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 **F16J**

(11) **WO 2004/104452** (13) A2

(21) PCT/US2004/014160

(22) **7 May/mai 2004 (07.05.2004)**

(25) en (26) en

(30) 60/469,479 **9 May/mai 2003** US (09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHT WEIGHT LOW ANGLE FIXED CONSTANT VELOCITY JOINT AND IMPROVED PACKAGING

• JOINT HOMOCINETIQUE FIXE LEGER A ANGLE MINIMUM ET A EMBALLAGE AMELIORE

(71) GKN DRIVELINE NORTH AMERICA, INC. [US/US]; 3300 University Drive, Auburn Hills, MI 48326 (US).

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(72, 75) KUCZERA, Ramon [US/US]; 5198 Glenwood Creek, Clarkston, MI 48348 (US). UCHMAN, Frederick [US/US]; 9940 Bridge Lake Road, Clarkston, MI 48348 (US).

(74) BRUMBAUGH, Jennifer, M. et al. / etc.; GKN Driveline North America, Inc., 3300 University Drive, Auburn Hills, MI 48326-2362 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F16J

(11) WO 2004/104453 (13) A2

(21) PCT/US2004/015257

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/440,809 19 May/mai 2003 US (19.05.2003)

(30) 10/657,408 8 Sep/sep 2003 US (08.09.2003)

(30) 10/670,651 24 Sep/sep 2003 US (24.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF RESTRAINING GASKET AND PIPE JOINT

• JOINT D'ETANCHEITE A AUTO-RETENUE ET JOINT DE TUYAUX

(71) S & B TECHNICAL PRODUCTS, INC. [US/US]; 1300 East Berry Street, Fort Worth, TX 76119 (US).

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

(72) JONES, Jim; 1108 Los Alamitos Court, Waco, TX 76706 (US).

(74) GUNTER, Charles, D., Jr.; Whitaker, Chalk, Swindle & Sawyer, LLP, 3500 City Center Tower II, 301 Commerce Street, Fort Worth, TX 76102-4186 (US).

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

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F16J 15/16, 15/34, F16D 25/12

(11) WO 2004/104454 (13) A1

(21) PCT/EP2004/005330

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 253.2 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEAL FOR AN ELECTRIC MACHINE LOCATED WITHIN A DRIVE TRAIN OF A MOTOR VEHICLE

• JOINT D'ETANCHEITE D'UNE MACHINE ELECTRIQUE PLACÉE A L'INTERIEUR DU GROUPE MOTO-PROPULSEUR D'UN VEHICULE AUTOMOBILE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).

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(72, 75) REISCH, Matthias [DE/DE]; Neuhaldenstrasse 12, 88214 Ravensburg (DE). WÜRTNER, Maik [DE/DE]; Im Lenzenstein 6, 88048 Friedrichshafen (DE). HEITMANN, Axel [DE/DE]; Cusanusstrasse 116, 85049 Ingolstadt (DE). KILIAN, Stefan [DE/DE]; Werastrasse 38/2, 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 KZ LC 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 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 F16J 15/18

(11) WO 2004/104455 (13) A1

(21) PCT/US2004/014661

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/440,507 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMIC SEALING ARRANGEMENT FOR MOVABLE SHAFT

• AGENCEMENT D'ETANCHEITE DYNAMIQUE POUR ARBRE MOBILE

(71) WOODWARD GOVERNOR COMPANY [US/US]; 1000 E. Drake Road, P.O. Box 1519, Fort Collins, CO 80525 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURDICK, Wade, A. [US/US]; 1104 Canyon Drive, Windsor, CO 80550 (US). BOWMAN, Gary, M. [US/US]; 4033 Delcon Court, Loveland, CO 80538 (US).

(74) HEINISCH, Andrew, J.; Leydig, Voit & Mayer, Suite 300, 6815 Weaver Road, Rockford, IL 61114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F16K

(11) WO 2004/104456 (13) A2

(21) PCT/US2004/015535

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/472,162 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LINKED LADING AND VENT VALVES FOR VESSELS

• SOUPAPES DE CHARGEMENT ET D'AERATION RELIEES POUR CUVES

(71) DELAWARE CAPITAL FORMATION [US/US]; 1403 Folk Road, Suite 102, Wilmington, DE 19803 (US).

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(72, 75) JAKUBOWSKI, William, J. [US/US]; 41 Lagoon Drive, Hawthorne Woods, IL 60047 (US). LEDESMA, Hernando, D.

[US/US]; 5004 Wright Terrace, Skokie, IL 60077 (US).

(74) **STRATMAN, Terry, J.**; Seyfarth Shaw LLP, 55 East Monroe Street, Suite 4200, Chicago, IL 60603-5803 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F16K

(11) WO 2004/104457 (13) A2

(21) PCT/US2004/015934

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,639 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BULK FLUID FLOW GATE

• VANNE A LIQUIDES

(71) **PROTASIS CORPORATION** [US/US]; 734 Forest Street, Marlborough, Massachusetts 01752 (US).

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(72, 75) **STRAND, David** [US/US]; 16 Nason Hill Lane, Sherborn, Massachusetts 01770 (US). **LEATZOW, Dan, M.** [US/US]; 545 Southeast South Street, Pullman, Washington 99163 (US).

(74) **MCDERMOTT, Peter, D.**; Banner & Witcoff Ltd., 28 State St. 28th Floor, Boston, Massachusetts 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 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 F16K 1/04, 1/44

(11) WO 2004/104458 (13) A1

(21) PCT/ES2004/000230

(22) 21 May/mai 2004 (21.05.2004)

(25) es (26) es

(30) P 2003 01213 23 May/mai 2003 ES (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHUT-OFF VALVE FOR HYDROFLUORIC PLANTS

• SOUPAPE D'ARRET DESTINEE A DES INSTALLATIONS FLUORHYDRIQUES

(71) **PETROQUIMICA ESPAÑOLA, S.A. PETRESA** [ES/ES]; Avda. del Partenón n°12, E-28042 Madrid (ES).

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(72, 75) **DEL CASTILLO MIRÓ, José María** [ES/ES]; c/Albacora n°28, E-11011 Algeciras (ES).

(74) **DAVILA BAZ, Angel et al.** / etc.; c/o Clarke, Modet & Co., c/ Goya n° 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 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 F16K 11/078

(11) WO 2004/104459 (13) A1

(21) PCT/CA2004/000751

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2,429,241 21 May/mai 2003 CA (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FAUCET WITH PERIPHERAL HANDLE

• ROBINET A MANETTE PERIPHERIQUE

(71) **MESSIER DESIGNERS INC.** [CA/CA]; 5550, Rue Fullum, Bureau 312, Montreal, Quebec H2G 2H4 (CA).

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(72, 75) **MESSIER, Patrick** [CA/CA]; 2462, Boulevard Rosemont, Montreal, Quebec H2G 1V2 (CA). **DESCHAMPS, Laurent** [CA/CA]; 104, rue Dominion, Montreal, Quebec H3J 2Z2 (CA).

(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 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 F16K 17/10, F15B 11/028

(11) WO 2004/104460 (13) A1

(21) PCT/EP2004/004306

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 22 585.4 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODULAR VALVE SYSTEM

• SYSTEME MODULAIRE DE SOUPAPE

(71) **HYDAC FLUIDTECHNIK GMBH** [DE/DE]; Industriegebiet, 66280 Sulzbach/Saar (DE).

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(72, 75) **HILLESHEIM, Thorsten** [DE/DE]; Gneisenaustasse 3, 66119 Saarbrücken (DE). **BRUCK, Peter** [DE/DE]; Am Hollerstock 10, 66484 Althornbach (DE).

(74) **BARTELS UND PARTNER, PATENTWÄLTE**; 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 PL PT 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 2004/104461 (13) A1

(21) PCT/DE2004/000532

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 21 731.2 14 May/mai 2003 DE (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REGULATOR FOR ELECTROPNEUMATIC PRESSURE TRANSDUCER

• REGULATEUR POUR TRANSDUCTEURS DE PRESSION ELECTROPNEUMATIQUES

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) **LAUE, Harald** [DE/DE]; Krummackerstrasse 231, 73733 Esslingen (DE). **KRIMMER, Erwin** [DE/DE]; Scheffelweg 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, 31/08**

(11) **WO 2004/104462** (13) A1

(21) PCT/GB2004/002080

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 0311879.1 **23 May/mai 2003 GB (23.05.2003)**

(30) 0320397.3 **1 Sep/sep 2003 GB (01.09.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PIVOTING ELECTROMAGNETIC ACTUATOR AND INTEGRATED ACTUATOR AND FLUID FLOW CONTROL VALVE**

• **ACTIONNEUR ELECTROMAGNETIQUE PIVOTANT, ACTIONNEUR INTEGRE ET SOUPEPE DE REGULATION DE FLUX DE FLUIDE**

(71) **CAMCON LTD** [GB/GB]; St. Johns Innovation Park, Cowley Road, Cambridge CB4 4WS (GB).

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

(72, 75) **WLADYSŁAW, WYGNANSKI** [GB/GB]; 24 Craister Court, Cambridge CB4 2SL (GB).

(74) **KEITH W NASH & CO**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F16K 31/40, 51/02**

(11) **WO 2004/104463** (13) A1

(21) PCT/DK2004/000362

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) PA 2003 00795 **26 May/mai 2003 DK (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **A SERVO VALVE FOR A VACUUM SYSTEM**

• **SERVO DISTRIBUTEUR POUR SYSTEME A VIDE**

(71) **DANFOSS A/S** [DK/DK]; DK-6430 Nordborg (DK).

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

(72, 75) **PETERSEN, Hans, Kurt** [DK/DK]; Højgardshaven 43, DK-6000 Kolding (DK).

(74) **DANFOSS A/S**; Patent Departement, DK-6430 Nordborg (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 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 **F16L**

(11) **WO 2004/104464** (13) A2

(21) PCT/US2004/015598

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/472,077 **20 May/mai 2003 US (20.05.2003)**

(30) 10/699,765 **3 Nov/nov 2003 US (03.11.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF MANUFACTURING STAINLESS STEEL PIPE FOR USE IN PIPING SYSTEMS**

• **PROCEDE DE FABRICATION DE TUYAUX D'ACIER INOXYDABLE DESTINE A DES SYSTEMES DE TUYAUTERIE**

(71) **TORQUELOCK CORPORATION** [US/US]; 3303 W. Davis, Suite 100, Conroe, TX 77304 (US).

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

(72) **GANDY, John**; 550 Peach Tree Park, Conroe, TX 77302 (US).

(74) **GUNTER, Charles, D., Jr.**; Whitaker, Chalk, Swindle & Sawyer, LLP, 3500 City Center Tower II, 301 Commerce Street, Fort Worth, TX 76102-4186 (US).

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

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ **F16L**

(11) **WO 2004/104465** (13) A2

(21) PCT/US2004/016093

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 10/442,680 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COMPOSITE COILED TUBING END CONNECTOR**

• **CONNECTEUR D'EXTREMITÉ COMPOSITE, SPIRALE POUR TUYAUX**

(71) **FIBERSPAR CORPORATION** [US/US]; 28 Patterson Brook Road, West Wareham, MA 02576 (US).

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

(72, 75) **BROTZELL, Arthur, D.** [CA/CA]; 1329 7A Street, N.W., Calgary, Alberta T2M 3J7 (CA). **FOWLER, Stewart, H.** [US/US]; 6039 Oak Creek Lane, Spring, TX 77379 (US). **THO, Chanthol** [US/US]; 15 Park Avenue, Attleboro, MA 02703 (US).

(74) **OLIVER, Kevin, A. et al.** / etc.; Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F16L 33/22

(11) WO 2004/104466 (13) A1

(21) PCT/GB2004/002186

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311760.3 22 May/mai 2003 GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TUBE COUPLING DEVICE

• DISPOSITIF DE RACCORDEMENT DE
TUBES

(71) YORKSHIRE FITTINGS LIMITED
[GB/GB]; Haigh Park Road, Stourton, Leeds
LS1 1NA (GB).

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

(72, 75) EVANS, Karl, Andrew [GB/GB]; 9
Westfield Crescent, Tadcaster, North York-
shire LS24 9JQ (GB). WILSON, Russell,
Luke [GB/GB]; 5 Balksyde, Slingsby, York,
YO62 4AG (GB).

(74) BAKER, Brettell; 138 Hagley Road, Edg-
baston, 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 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 F16L 37/35, 37/32

(11) WO 2004/104467 (13) A1

(21) PCT/FR2004/001245

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/06057 20 May/mai 2003 FR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • QUICK-CONNECT COUPLING FOR
HYDRAULIC FLUID CONDUITS

• RACCORD RAPIDE POUR
CONDUITES DE FLUIDE HYDRAU-
LIQUE

(71) PARKER HANNIFIN SA [FR/FR]; ZI du
Mont-Blanc, 17, rue des Buchillons, F-74100
ANNEMASSE (FR).

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

(72, 75) GIAGNOLI, Sylvain [FR/FR]; 10 rue
du Gaz, F-74100 Ambilly (FR). ROLLI,
Richard [FR/FR]; 105 place de l'Hôtel de
Ville, F-74130 Bonneville (FR).

(74) Cabinet GERMAIN & MAUREAU; BP
6153, F-69466 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 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).

Published / Publiée : (c)

(51)⁷ F16L 47/02

(11) WO 2004/104468 (13) A1

(21) PCT/KR2004/000142

(22) 28 Jan/jan 2004 (28.01.2004)

(25) ko (26) en

(30) 10-2003-0031792 20 May/mai 2003 KR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PIPE CONNECTOR AND APPARATUS
FOR MANUFACTURING THE SAME
AND METHOD FOR MANUFACTUR-
ING THE SAME

• RACCORD DE CONDUITE, APPAREIL
ET PROCÉDE DE FABRICATION DU
RACCORD

(71) P & F CO., LTD [KR/KR]; #487 No-
jang-ri, Jeondong-myun, Yeonki-koon,
Choongchungnam-do 339-841 (KR).

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

(72, 75) LEE, Sang Jin [KR/KR]; #394-16
Ojeong-dong, Daeduck-ku, Daejeon-
kwangyeoksi 306-010 (KR). KIM, Nam
Hyung [KR/KR]; #106-609 Hando Apt.
282-5 Kongsu-ri, Baebang-myun, Asan-si,
Choongchungnam-do, 336-852 (KR).

(74) PARK, Byung Chang; #301 Woojin Bldg.
1445-2 Seocho-dong, Seocho-ku, Seoul-si
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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ F16L 55/165

(11) WO 2004/104469 (13) A1

(21) PCT/DK2004/000366

(22) 26 May/mai 2004 (26.05.2004)

(25) en

(26) en

(30) PA 2003 00792 26 May/mai 2003 DK
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A LINING DEVICE FOR RENOVATING
THE BRANCH LINES OF PIPELINES
BY WAY OF EVERSION

• DISPOSITIF DE GARNISSAGE POUR
LA RENOVATION DE LIGNES DE
BRANCHEMENT DE CANALISA-
TIONS PAR EVERSION

(71) INPIPE DANMARK A/S [DK/DK]; 65
Sjællandsgade, DK-7100 Vejle (DK).

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

(72, 75) RASMUSSEN, Bent [DK/DK]; 38
Strandvænget, DK-6000 Kolding (DK).

(74) CHAS. HUDE A/S; 33 H.C. Andersens
Boulevard, DK-1780 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 F16L 55/18, 55/11, 55/168

(11) WO 2004/104470 (13) A1

(21) PCT/IB2003/002595

(22) 23 May/mai 2003 (23.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYDRAULIC MACHINE FOR RE-
MOVING ILLEGAL TAPS FROM
MULTI-PURPOSE PIPELINES

• MACHINE HYDRAULIQUE PERMET-
TANT DE SUPPRIMER LES PIQUAGES
PIRATES DES PIPELINES POLYVA-
LENTS

(71, 72) PAVA PULIDO, Guillermo [CO/CO];
CARRERA 42 A # 48-38 OF 301, CAR-
RERA 42 A # 48-38 OF 301, 11001 Medellin
(CO).

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

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

(51)⁷ F16M 7/00

(11) WO 2004/104471 (13) A1

(21) PCT/KR2004/001180

(22) 19 May/mai 2004 (19.05.2004)

(25) ko (26) en

(30) 10-2003-0031956 20 May/mai 2003 KR
(20.05.2003)(30) 10-2003-0031957 20 May/mai 2003 KR
(20.05.2003)(30) 10-2003-0031954 20 May/mai 2003 KR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOCK NUT AND WRENCH FOR LEG
ASSEMBLY OF HOME APPLIANCE
• CONTRE-ECROU ET CLE POUR UN
ENSEMBLE DE PIEDS D'UN APPA-
REIL DOMESTIQUE(71) LG ELECTRONICS INC. [KR/KR];
20, Yoido-dong, Youngdungpo-gu, Seoul
150-721 (KR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CHOI, Kang Mo [KR/KR]; Hyundai
APT. 106-1301, Naeseo-cup, Hoewon-gu,
Masan-si, Gyeongsangnam-do 630-762
(KR). KWON, Dae Hee [KR/KR]; Sam-
chang APT. 915, Chungnak 2-dong, 48,
21/4, Yeongdo-gu, Busan 606-750 (KR).
GONG, Sung Rak [KR/KR]; Jeonpo 3-dong
24/4 330-733, Busanjin-gu, Busan 613-863
(KR).(74) BAHNG, Hae Cheol et al. / etc.; KIMS
INTERNATIONAL PATENT & LAW OF-
FICE, 15th Floor Yo Sam Building, 648-23,
Yeoksam-dong, Kangnam-gu, Seoul 135-080
(KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ 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 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).

Published / Publiée : (c)

(51)⁷ F16M 11/04

(11) WO 2004/104472 (13) A1

(21) PCT/GB2004/002161

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311945.0 23 May/mai 2003 GB
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STAND
• STAND(71, 72) LIGERTWOOD, Peter [GB/GB]; Uni-
col Engineering, Green Road, Headington,
Oxford OX3 8EU (GB).(74) ROCK, Olaf, Colin; Rock and Company,
Trelawn, The Green, Cassington, Witney
OX8 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 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).

Published / Publiée : (c)

(51)⁷ F21S

(11) WO 2004/104473 (13) A2

(21) PCT/US2004/011755

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/471,477 17 May/mai 2003 US
(17.05.2003)(30) 60/505,242 23 Sep/sep 2003 US
(23.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROGRAMMABLE LASER ILLUMI-
NATED SIGN APPARATUS• APPAREIL POUR PANNEAU PUBLICI-
TAIRE ECLAIRE AU LASER ET PRO-
GRAMMABLE(71) GREENCO L.L.C. DBA LFI INTERNA-
TIONAL [US/US]; 13221 S.E. 26th Street,
Suite H, Bellevue, WA 98005 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HAY, Alexander, Montagu [US/US];
13001 S.E. 28th Place #15, Bellevue, WA
98005 (US).(74) CLAIBORNE, Anthony; Claiborne Patent
Law Services, 849 136th Ave. N.E., Bellevue,
WA 98005 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 AUAZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI 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 F21S 8/10, F21Y 105/00

(11) WO 2004/104474 (13) A1

(21) PCT/EP2004/005312

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 321.0 23 May/mai 2003 DE
(23.05.2003)(30) 10 2004 004 398.1 29 Jan/jan 2004 DE
(29.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEADLIGHT OR LIGHT FOR A MO-
TOR VEHICLE
• BLOC OPTIQUE OU PHARE POUR VE-
HICULE A MOTEUR(71) VOLKSWAGEN AKTIENGE-
SELLSCHAFT [DE/DE]; 38436 Wolfsburg
(DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MÜLLER, Michael [DE/DE]; Gen-
eral-Beck-Strasse 2b, 38518 Gifhorn (DE).
ORTMANN, Frank [DE/DE]; Virchowstr.
2a, 38518 Gifhorn (DE). SCHLEIEN-
BERG, Reiner [DE/DE]; Im Born 51, 38179
Gross Schwülper (DE). MÖSSNER, Malte
[DE/DE]; Stephanstrasse 1, 38100 Braun-
schweig (DE).(74) VOLKSWAGEN AKTIENGE-
SELLSCHAFT; Briefbach 1770, 38436
Wolfsburg (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 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 F21V

(11) WO 2004/104475 (13) A2

(21) PCT/EP2004/005351

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 22 627.3 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEADLAMP FOR VEHICLES
• PHARE POUR VEHICULES

(71) HELLA KG HUECK & CO. [DE/DE];
Rixbecker Strasse 75, 59552 Lippstadt (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROTGERI, Gerhard [DE/DE]; Zu
den drei Linden 33, 59590 Geseke (DE).
DOBRESCU, Martin [DE/DE]; Magde-
burger Strasse 91, 44651 Herne (DE).
GÖSLING, Markus [DE/DE]; Maximil-
ian-Kolbe-Strasse 1, 59558 Lippstadt (DE).
DAUB, Wolfgang [DE/DE]; Auf dem Hamm
18, 59609 Anröchte (DE).

(74) HELLA KG HUECK & CO.; Rixbecker
Strasse 75, 59552 Lippstadt (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 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 F21V 8/00, 7/04, A47F 3/00

(11) WO 2004/104476 (13) A1

(21) PCT/DK2004/000352

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) PA 2003 00756 20 May/mai 2003 DK
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THIN FLAT LAMP MODULE FOR
SHELF ILLUMINATION
• MODULE DE LAMPE PLAT ET MINCE
POUR L'ECLAIRAGE D'ETAGERES

(71) BRIGHT IDEAS V/KARL LAUSTEN
[DK/DK]; Mejsevej 8, DK-9600 Aars (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAUSTEN, Karl [DK/DK]; Mejsevej 8,
DK-9600 Aars (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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 F23D 14/10, 14/58

(11) WO 2004/104477 (13) A1

(21) PCT/EP2004/005475

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) MO2003A000154 23 May/mai 2003 IT
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE BURNER
• BRULEUR REGLABLE

(71) WORGAS - BRUCIATORI - S.R.L.
[IT/IT]; Via Coppi, 17, I-41043 Formigine
(IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FOGLIANI, Giuseppe [IT/IT]; Via
Salvo d'Acquisto, 1, I-41043 Formigine
(IT). MACH, Wenzel [DE/DE]; Orangerie
Strasse, 39, Dessau - Mosigkau (DE).
DOTTI, Massimo [IT/IT]; Via Don Ori-
one, 30, I-41010 Magreta (IT). GILIOLI,
Massimo [IT/IT]; Via Valeggio, 38, I-41049
Sassuolo (IT). WIJKMANS, Stephanus
[NL/IT]; Via Marconi, 69, I-41042 Fiorano
Modenese (IT).

(74) CRUGNOLA, Pietro; Luppi Crugnola
Bergamini & Partners S.R.L., Via 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 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).

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 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 NA NI 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 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)

(t) for the following designation / pour la
designation suivante : US
(u) for / pour US only / seulement

(51)⁷ F23Q 7/00

(11) WO 2004/104478 (13) A1

(21) PCT/DE2004/000662

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 22 126.3 16 May/mai 2003 DE
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PENCIL-TYPE GLOW PLUG PRO-
VIDED WITH A SUPPORTING TUBE
• BOUGIE CRAYON DE PRECHAUF-
FAGE A TUBE SUPPORT

(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) HALUSCHKA, Christoph [DE/DE];
Altenbrunn 16, 63911 Klingenberg
(DE). TANAKA, Akihito [JP/JP]; Kishi-
machi/-26-88 Kawagoe, Saitama (JP).
SOSSINKA, Peter [DE/DE]; Eichendorf-
strasse 17, 71254 Ditzingen (DE). KERN,
Christoph [DE/DE]; Wilhelmstrasse 5,
71546 Aspach (DE). JEANNEL, Lau-
rent [DE/DE]; Max-Eyth-Strasse 2, 71254
Ditzingen-Hirschlanden (DE). GAISER,
Andreas [DE/DE]; Pommernstr. 2, 71691
Freiberg (DE). BLANK, Susanne [DE/DE];
Rathausstr. 68, 71334 Waiblingen (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).

Published / Publiée : (c)

(51)⁷ F23Q 7/00

(11) WO 2004/104479 (13) A1

(21) PCT/DE2004/000664

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 22 129.8 16 May/mai 2003 DE
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PENCIL-TYPE GLOW PLUG PRO-
VIDED WITH AN ESPECIALLY EM-
BEDDED ELECTRICAL CONTACT
• BOUGIE CRAYON DE PRECHAUF-
FAGE A ELEMENT DE CONTACT A
ENROBAGE SPECIAL

(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) **HALUSCHKA, Christoph** [DE/DE]; Altenbrunn 16, 63911 Klingenberg (DE).
BACH, Rainer [DE/DE]; Im Schoenblick 22, 75446 Wiernsheim (DE). **SOSSINKA, Peter** [DE/DE]; Eichendorfstrasse 17, 71254 Ditzingen (DE). **KLONCZYNSKI, Alexander** [DE/DE]; Hauptstrasse 83, 64859 Eppertshausen (DE). **JEANNEL, Laurent** [DE/DE]; Max-Eyth-Strasse 2, 71254 Ditzingen-Hirschlanden (DE). **GAISER, Andreas** [DE/DE]; Pommernstr. 2, 71691 Freiberg (DE). **BLANK, Susanne** [DE/DE]; Rathausstr. 68, 71334 Waiblingen (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).

Published / Publiée : (c)

(51)⁷ F24C

(11) **WO 2004/104480** (13) A2

(21) PCT/US2004/015013

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,818 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COOKING DEVICE WITH SMOKE AND ODOR ABATEMENT

• DISPOSITIF DE CUISSON PERMETTANT UNE REDUCTION DE LA FUMÉE ET DES ODEURS

(71) **ENODIS CORPORATION** [US/US]; 2227 Welbilt Boulevard, New Port Richey, FL 34655 (US).

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

(72) **DAY, Bill**; 1013 Hagen Drive, New Port Richey, FL 34655 (US). **HARTER, Dave**; 12609 Lacey Drive, New Port Richey, FL 34654 (US). **CLAESSON, Jan**; 9641 Morehead Lane, Port Richey, FL 34668 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).

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

SY TJ 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 F24C 1/00, 7/02, 15/32

(11) **WO 2004/104481** (13) A1

(21) PCT/JP2004/007111

(22) **19 May/mai 2004 (19.05.2004)**

(25) ja (26) ja

(30) 2003-141723 **20 May/mai 2003 (20.05.2003)** JP

(30) 2003-141725 **20 May/mai 2003 (20.05.2003)** JP

(30) 2003-141724 **20 May/mai 2003 (20.05.2003)** JP

(30) 2003-184171 **27 Jun/juin 2003 (27.06.2003)** JP

(30) 2003-198313 **17 Jul/juil 2003 (17.07.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH FREQUENCY HEATER WITH VAPOR GENERATING FUNCTION

• DISPOSITIF CHAUFFANT HAUTE FREQUENCE AVEC FONCTION DE GENERATION DE VAPEUR

(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) **KANZAKI, Kouji** **MORI, Yasuhisa** **MATSUDA, Masato** **KAWAI, Hiroshi**

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office 13th Floor ARK Mori Building, 12-32 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F24C 15/20

(11) **WO 2004/104482** (13) A1

(21) PCT/KR2003/001052

(22) **28 May/mai 2003 (28.05.2003)**

(25) ko (26) en

(30) 10-2003-0032663 **22 May/mai 2003 (22.05.2003)** KR

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BUILT-IN AIR CLEANER OF SINK FOR RANGE

• FILTRE A AIR INTEGRE POUR DISSIPATEUR DE CUISINIERE

(71, 72) **LEE, In Sua** [KR/KR]; #1306, 103-dong, Sam-ik A.P.T., Dongnim-dong, Buk-gu, Gwnagju-city 500-180 (KR).

(74) **PARK, Tae Woo**; 3rd Fl., 1576-1, Woosan-dong, Gwangsan-gu, Gwangju-city 506-813 (KR).

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

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

(51)⁷ F24C 15/32, A47J 27/04, 39/00

(11) **WO 2004/104483** (13) A1

(21) PCT/NL2004/000366

(22) **24 May/mai 2004 (24.05.2004)**

(25) nl (26) en

(30) 1023507 **23 May/mai 2003 (23.05.2003)** NL

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OVEN AND ITS COMBINATION WITH A STEAM MODULE

• FOUR ET SA COMBINAISON AVEC UN MODULE VAPEUR

(71) **KONINKLIJKE FABRIEK INVENTUM B.V.** [NL/NL]; Galvanibaas 5, NL-3439 MG Nieuwegein (NL).

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

(72, 75) **KÜHNE, Johannes, Antonius, Maria** [NL/NL]; Acacialaan 10, NL-4254 GE Sleetwijk (NL).

(74) **BARTELD, Erik**; Arnold & Siedsma, Smeelinkplein 1, NL-2517 GK 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 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).

Published / Publiée : (c)

(51)⁷ F24D 19/00

(11) **WO 2004/104484** (13) A1

(21) PCT/JP2003/010275

(22) 12 Aug/août 2003 (12.08.2003)

(25) ja (26) ja

(30) 2003-141697 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TUBE STRUCTURE FOR HOT WATER
CIRCULATION IN HEATING MAT• STRUCTURE DE TUBE POUR CIRCULATION D'EAU CHAUDE DANS UNE
NAPPE CHAUFFANTE(71) PLA GIKEN CO., LTD. [JP/JP]; 39-6, Toyotsu-cho, Suita-shi, Osaka 564-0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KATA, Izumi [JP/JP]; 6-10-15, Jomyoji, Kamakura-shi, Kanagawa 248-0003 (JP).

(72, 75) KIKUSAWA, Yoshiharu [JP/JP]; c/o Pla Giken Co., Ltd., 39-6, Toyotsu-cho, Suita-shi, Osaka 564-0051 (JP).

(74) SAWADA, Tadao; Sanei bldg., 20-9, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 F24F

(11) WO 2004/104485 (13) A2

(21) PCT/US2004/015860

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,710 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR CONTROLLING AIRFLOW IN A FIBER EXTRUSION SYSTEM

• PROCEDES ET APPAREIL PERMETTANT DE REGULER UN FLUX D'AIR DANS UN SYSTEME D'EXTRUSION DE FIBRES

(71) HILLS, INC. [US/US]; 7785 Ellis Road, West Melbourne, FL 32904 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILKIE, Arnold, E. [US/US]; 7850 S. Tropical Trail, Merritt Island, FL 32952 (US). BRANG, James [US/US]; 2405 Granger Road, Cocoa, FL 32926 (US). DE LA HOZ, Angel, Antonio [US/US]; 2519 Reed Avenue, Melbourne, FL 32901 (US).

(74) EDELL, Ira, C, et al. / etc.; Edell, Shapiro & Finnan, LLC, 1901 Research Blvd., Suite 400, Rockville, MD 20850 (US).

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

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F24F 7/013

(11) WO 2004/104486 (13) A1

(21) PCT/KR2004/000059

(22) 15 Jan/jan 2004 (15.01.2004)

(25) en (26) en

(30) 20-2003-0015647 21 May/mai 2003 KR
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VENTILATION FAN

• VENTILATEUR

(71, 72) SEOMUN, Seog [KR/KR]; 42-37, Hwayang-Dong, Gwangjin-Gu, 143-917 Seoul (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 PT 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 12/00, 7/08

(11) WO 2004/104487 (13) A1

(21) PCT/EP2004/005496

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03076572.1 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VENTILATION SYSTEM

• SYSTEME DE VENTILATION

(71) KRISTINSSON-REITSEMA B.V. [NL/NL]; Noordenbergsingel 9, NL-7411 SE Deventer (NL). FIWIHEX B.V. [NL/NL]; Wierdensestraat 74, NL-7604 BK Almelo (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRISTINSSON, Jon [IS/NL]; Noordenbergsingel 9, NL-7411 SE Deventer (NL). KRISTINSSON, Björn [IS/IS]; Hjardarhagi 29, IS-107 Reykjavik (IS). VAN ANDEL,

Eleonoor, Europeo [NL/NL]; Wierdensestraat 74, NL-7604 BK Almelo (NL). VAN ANDEL, Eleonoor [NL/NL]; Strootmanveg 12, NL-7548 RB Boekelo (NL).

(74) 'T JONG, Bastiaan, Jacob; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK 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 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 F24F 13/20, F16M 7/00

(11) WO 2004/104488 (13) A1

(21) PCT/IT2003/000312

(22) 22 May/mai 2003 (22.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FAN CONVECTOR ASSEMBLY

• ENSEMBLE VENTILATEUR-CONVECTEUR

(71) RIELLO INTERNATIONAL GROUP S.p.A. [IT/IT]; Via Roma 44, I-37040 Bevilacqua (IT).
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(72, 75) RIELLO, Valerio, Giordano [IT/IT]; Via Roma, 46, I-37040 Bevilacqua VR (IT).

(74) PERANI, Aurelio et al. / etc.; Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 Milano (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00, F24D 15/02, F24C 5/00

(11) WO 2004/104489 (13) A1

(21) PCT/EP2004/050840

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 22 657.5 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEATING INSTALLATION

• INSTALLATION DE CHAUFFAGE

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(74) **SCHOBER, Mirko**; Thielking & Elbertzhagen, Gadderbaumer Strasse 14, 33602 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 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 **F24J 1/00, A61M 11/04, C09K 5/18, C06B 33/00, 33/06**

(11) **WO 2004/104490** (13) A1

(21) PCT/US2004/016077

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,697 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF-CONTAINED HEATING UNIT AND DRUG-SUPPLY UNIT EMPLOYING SAME

• UNITE DE CHAUFFAGE AUTONOME ET UNITE DE FOURNITURE DE MEDICAMENT FAISANT APPEL A CETTE UNITE DE CHAUFFAGE

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(72, 75) **DAMANI, Ramesh** [US/US]; 570 Connamara Way, Sunnyvale, CA 94087 (US). **HALE, Ron, L.** [US/US]; 17085 Skyline Boulevard, Woodside, CA 94062 (US). **MYERS, Daniel, J.** [US/US]; 1599 Morgan Street, Mountain View, CA 94043 (US). **QUINTANA, Reynaldo, J.** [US/US]; 1640 Virginia Avenue, Redwood City, CA 94061 (US). **SOLAS, Dennis, W.** [US/US]; 22 Sequoia Way, San Francisco, CA 94127 (US). **SONG, Soonho** [KR/US]; 580 Arastradero Road, #204, Palo Alto, CA 94306 (US). **SONI, Pravin** [US/US]; 1320 Bedford Avenue, Sunnyvale, CA 94087 (US). **TOM, Curtis** [US/US]; 2237 Bunker Hill Drive, San Mateo, CA 94402 (US).

(74) **STRACKER, Elaine, C.**; Alexza Molecular Delivery Corporation, 1001 East Meadow Circle, Palo Alto, CA 94303 (US).

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

SY TJ 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).

Published / Publiée : (c)

(51)⁷ **F24J 1/00, B65D 81/34, C06C 7/00**

(11) **WO 2004/104491** (13) A2

(21) PCT/US2004/016218

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,697 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERCUSSIVELY IGNITED OR ELECTRICALLY IGNITED SELF-CONTAINED HEATING UNIT AND DRUG-SUPPLY UNIT EMPLOYING SAME

• UNITE DE CHAUFFAGE AUTONOME ALLUMEE PAR PERCUSSION OU ALLUMEE ELECTRIQUEMENT ET UNITE DE DISTRIBUTION DE MEDICAMENTS FAISANT APPEL A CETTE DERNIERE

(71) **ALEXZA MOLECULAR DELIVERY CORPORATION** [US/US]; 1001 East Meadow Circle, Palo Alto, CA 94303 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HALE, Ron, L.** [US/US]; 17085 Skyline Blvd., Woodside, CA 94062 (US). **SOLAS, Dennis** [US/US]; 22 Sequoia Street, San Francisco, CA 94127 (US). **SONG, Soonho** [US/US]; 580 Arastradero Road, #204, Palo Alto, CA 94306 (US).

(74) **STRACKER, Elaine, C.**; Alexza Molecular Delivery Corporation, 1001 E. Meadow Circle, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F24J 1/00, C06C 9/00**

(11) **WO 2004/104492** (13) A2

(21) PCT/US2004/016245

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,697 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICALLY IGNITED OR ELECTRICALLY IGNITED SELF-CONTAINED HEATING UNIT AND DRUG-SUPPLY UNIT EMPLOYING SAME

• UNITE DE CHAUFFAGE AUTONOME A ALLUMAGE OPTIQUE OU ELECTRIQUE, ET UNITE D'ADMINISTRATION DE MEDICAMENT UTILISANT CETTE UNITE DE CHAUFFAGE

(71) **ALEXZA MOLECULAR DELIVERY CORPORATION** [US/US]; 1001 East Meadow Circle, Palo Alto, CA 94303 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HALE, Ron, L.** [US/US]; 17085 Skyline Blvd., Woodside, CA 94062 (US). **SOLAS, Dennis** [US/US]; 22 Sequoia Street, San Francisco, CA 94127 (US). **SONG, Soonho** [US/US]; 580 Arastradero Road, #204, Palo Alto, CA 94306 (US). **TOM, Curtis** [US/US]; 2237 Bunker Hill Drive, San Mateo, CA 94402 (US).

(74) **STRACKER, Elaine, C., J.D., Ph., D.**; Alexza Molecular Delivery Corporation, 1001 E. Meadow Circle, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F24J 1/00, C06B 33/00, C09K 5/18**

(11) **WO 2004/104493** (13) A2

(21) PCT/US2004/016249

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,697 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS OF CONTROLLING UNIFORMITY OF SUBSTRATE TEMPERATURE AND SELF-CONTAINED HEATING UNIT AND DRUG-SUPPLY UNIT EMPLOYING SAME

• PROCEDE DE REGULATION THERMIQUE UNIFORME D'UN SUBSTRAT ; UNITE DE CHAUFFAGE INTEGREE ET UNITE D'ADMINISTRATION DE MEDICAMENTS RECOURANT A CE PROCEDE

(71) **ALEXZA MOLECULAR DELIVERY CORPORATION** [US/US]; 1001 East Meadow Circle, Palo Alto, CA 94303 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HALE, Ron, L.** [US/US]; 17085 Skyline Blvd., Woodside, CA 94062 (US). **QUINTANA, Reynaldo** [US/US]; 1640 Virginia Avenue, Redwood City, CA 94061

(US). **SHARMA, Krishnamohan** [IN/US]; 610 Park View Drive #209, Santa Clara, CA 95054 (US). **SOLAS, Dennis, W.** [US/US]; 22 Sequoia Way, San Francisco, CA 94127 (US). **SONG, Soonho** [KR/US]; 580 Arastradero Road #204, Palo Alto, CA 94306 (US). **SONI, Pravin** [US/US]; 1320 Bedford Avenue, Sunnyvale, CA 94087 (US).

(74) **STRACKER, Elaine, C.**; Alexza Molecular Delivery Corporation, 1001 E. Meadow Circle, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F25B

(11) **WO 2004/104494** (13) A2

(21) PCT/US2004/014872

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/440,763 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISCHARGE MUFFLER HAVING AN INTERNAL PRESSURE RELIEF VALVE

• SILENCIEUX D'EVACUATION MUNI D'UNE VALVE DE DETENTE INTERNE

(71) **BRISTOL COMPRESSORS, INC.** [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).

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(72, 75) **CHUMLEY, Eugene** [US/US]; 19473 Triple Crown Drive, Abingdon, VA 24211 (US). **MARSHALL, Steve** [US/US]; 419 Fairway Drive, Abingdon, VA 24211 (US). **MONK, David** [US/US]; 167 Masters Court, Bristol, VA 24202 (US). **MAJERUS, Benjamin** [US/US]; 83 Winding Way Road, Bristol, VA 24202 (US). **HIX, Scott** [US/US]; 17 Heritage Drive, Bristol, VA 24201 (US).

(74) **O'BRIAN, K. Scott et al.** / etc.; McNees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, Pennsylvania 17108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F25B

(11) **WO 2004/104495** (13) A2

(21) PCT/US2004/014973

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/441,306 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MUFFLER SYSTEM FOR A COMPRESSOR

• SYSTEME DE SILENCIEUX POUR COMPRESSEUR

(71) **BRISTOL COMPRESSORS, INC.** [US/US]; 15185 Industrial Park Road, Bristol, Virginia 24202 (US).

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(72, 75) **MARSHALL, Steven** [US/US]; 419 Fairway Drive, Abingdon, Virginia 24211 (US). **GILLIAM, David** [US/US]; 4614 Livingston Creek Road, Bristol, Virginia 24202 (US). **MONK, David** [US/US]; 167 Masters Court, Bristol, Virginia 24202 (US). **MAJERUS, Benjamin** [US/US]; 83 Winding Way Road, Bristol, Virginia 24202 (US).

(74) **O'BRIAN, K. Scott et al.** / etc.; McNees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, Pennsylvania 17108-1166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F25B 15/00

(11) **WO 2004/104496** (13) A2

(21) PCT/EP2004/005504

(22) **21 May/mai 2004 (21.05.2004)**

(25) de (26) de

(30) 103 24 300.3 **21 May/mai 2003 DE (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMODYNAMIC MACHINE AND METHOD FOR ABSORBING HEAT

• MACHINE THERMODYNAMIQUE ET PROCEDE D'ABSORPTION DE CHALEUR

(71, 72) **WEIMER, Thomas** [DE/DE]; Weimar-erstrasse 10, 71065 Sindelfingen (DE).

(72, 75) **HACKNER, Michael** [DE/DE]; Sommerhalde 73, 71672 Marbach (DE). **HASSE,**

Hans [DE/DE]; Stelzenberger Weg 2, 67661 Kaiserslautern (DE). **STROH, Norbert** [DE/DE]; Ruhensteinweg 33, 71106 Magstadt (DE). **WALITZA, Eckehart** [DE/DE]; Ludwigstrasse 32, 73430 Aalen (DE).

(74) **HÖSSLE KUDLEK & PARTNER**; Postfach 10 23 38, 70019 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 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 F25B 23/00, H01Q 1/02

(11) **WO 2004/104497** (13) A1

(21) PCT/US2004/015086

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/440,716 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR EXTRACTING NON-CONDENSABLE GASES IN A COOLING SYSTEM

• PROCEDE ET APPAREIL D'EXTRACTION DE GAZ NON-CONDENSABLES DANS UN SYSTEME DE REFROIDISSEMENT

(71) **RAYTHEON COMPANY** [US/US]; 870 Winter Street, Waltham, MA 02451 (US).

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(74) **WILLIAMS, Bradley, P.**; Baker Botts LLP, 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 F25D 3/06

(11) WO 2004/104498 (13) A2

(21) PCT/DE2004/000953

(22) 5 May/mai 2004 (05.05.2004)

(25) de (26) de

(30) 103 22 764.4 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEAT INSULATED CONTAINER

• CONTENEUR À ISOLATION THERMIQUE

(71) VA-Q-TEC AG [DE/DE]; Karl-Ferdinand-Braun-Strasse 7, 97080 Würzburg (DE).
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(72, 75) KUHN, Joachim [DE/DE]; Danziger Str. 1, 97072 Würzburg (DE).

(74) VON DEN STEINEN, Axel; Böck Tappe Kirschner, Patent- und Rechtsanwälte, Kantstr. 40, 97074 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 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 F25D 11/00

(11) WO 2004/104499 (13) A1

(21) PCT/AU2004/000673

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902469 21 May/mai 2003 AU (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRANSPORTABLE REFRIGERATION APPARATUS

• DISPOSITIF DE REFRIGERATION POUVANT ETRE TRANSPORTE

(71) REFRIGERATION RESEARCH PTY LTD [AU/AU]; Unit 2, 14 Osborne Road, Mount Barker, S.A. 5251 (AU).
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(72, 75) BOYD, Tony, Richard [AU/AU]; Unit 2, 14 Osborne Road, Mount Barker, S.A. 5251 (AU). MCKAY, Peter, John [AU/AU]; Unit 2, 14 Osborne Road, Mount Barker, S.A. 5251 (AU).

(74) MADDEN; 64 Hindmarsh Square, Adelaide, S.A. 5464 (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 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 F25D 21/14

(11) WO 2004/104500 (13) A1

(21) PCT/EP2004/005440

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 681.8 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPRESSOR AND EVAPORATION TRAY FOR A REFRIGERATION DEVICE

• COMPRESSEUR ET COQUILLE D'EVAPORATION POUR REFRIGERATEUR

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).
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(72, 75) KONOPA, Helmut [DE/DE]; Erhard-Schad-Weg 4, 89340 Leipheim (DE). FOTIADIS, Panagiotis [GR/DE]; Steigstr. 111, 89537 Giengen (DE). IHLE, Hans [DE/DE]; Fröbelstr. 47, 89568 Hermaringen (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 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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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 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)

GR HU IE IT LU MC NL PL PT 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 21/14

(11) WO 2004/104501 (13) A1

(21) PCT/EP2004/005620

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 103 23 851.4 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REFRIGERATION DEVICE COMPRISING A CONDENSED WATER VAPORIZER

• APPAREIL FRIGORIFIQUE A EVAPORATEUR A EAU DE CONDENSATION

(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) KORDON, Michael [DE/DE]; Wagenburgstr. 39, 89547 Gerstetten (DE). IHLE, Hans [DE/DE]; Fröbelstr. 47, 89568 Hermaringen (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 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).

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 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 F25D 23/02, E06B 3/70, 5/00

(11) WO 2004/104502 (13) A1

(21) PCT/EP2004/005441

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 974.4 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DOOR FOR A REFRIGERATION DEVICE
• PORTE POUR REFRIGERATEUR

(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) BAUER, Peter [DE/DE]; Hippelstr. 55, 81827 München (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 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).

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 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 F25D 23/04

(11) WO 2004/104503 (13) A1

(21) PCT/EP2004/005443

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 675.3 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • STORAGE CONTAINER FOR A REFRIGERATOR
• BALCONNET POUR UN REFRIGERATEUR

(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) MALISI, Michaela [DE/DE]; Flammenweg 6, 89522 Heidenheim (DE). REICHEL, Werner [DE/DE]; Krokusweg 47, 89522 Heidenheim (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 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).

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 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 F25D 25/02

(11) WO 2004/104504 (13) A1

(21) PCT/EP2004/005608

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 103 23 852.2 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DRAWER ELEMENT FOR A REFRIGERATION DEVICE
• BOITE D'EXTRACTION POUR APPAREIL FRIGORIFIQUE

(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) GÖRZ, Alexander [DE/DE]; Hochmeisterstr. 3, 73432 Aalen-Ebnat (DE). MALISI, Michaela [DE/DE]; Flammenweg 6, 89522 Heidenheim (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 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).

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 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 F27D

(11) WO 2004/104505 (13) A2

(21) PCT/US2003/040193

(22) 17 Dec/déc 2003 (17.12.2003)

(25) en (26) en

(30) 10/442,673 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • COKE DRUM BOTTOM DE-HEADING SYSTEM
• SYSTEME D'OUVERTURE DU FOND D'UN FOUR A COKE

(71) CURTISS-WRIGHT FLOW CONTROL CORPORATION [US/US]; 4 Becker Farm road, Roseland, NJ 07068-1739 --- (US).

(72) LAH, Ruben, F.; 4589 West Ripple Creek Circle, West Jordan, UT 84088 (US).

(74) KRIEGER, Michael, F.; Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 PT 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 1/32

(11) WO 2004/104506 (13) A1

(21) PCT/JP2004/007396

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146218 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PLATE FIN TUBE-TYPE HEAT EXCHANGER
• ECHANGEUR THERMIQUE DU TYPE TUBE A AILETTES EN PLAQUES

(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) **KAGA, Kunihiko** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). **NAKADEGUCHI, Shinji** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). **ISHIBASHI, Akira** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). **WAKAMOTO, Shinichi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). **MURAKAMI, Hiroki** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). **SAITO, Tadashi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ **F41A 19/44**

(11) **WO 2004/104507** (13) A1

(21) PCT/IB2004/001838

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) PI 20031903 **22 May/mai 2003 MY (22.05.2003)**

(30) PI 20033645 **24 Sep/sep 2003 MY (24.09.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **IMPROVED FIREARM**

• ARME A FEU PERFECTIONNEE

(71, 72) **ABDULLAEV, Tabarruk** [TJ/MY]; c/o B-10-4, Megan Phileo Promenade, 189 Jalan Tun Razak, 50400 Kuala Lumpur (MY). **PRYKHODZKA, Viktor** [BY/MY]; c/o B-10-4, Megan Phileo Promenade, 189 Jalan Tun Razak, 50400 Kuala Lumpur (MY). **PRYKHODZKA, Liubou** [BY/MY]; c/o B-10-4, Megan Phileo Promenade, 189 Jalan Tun Razak, 50400 Kuala Lumpur (MY).

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

(t) for all designations / pour toutes les désignations

(51)⁷ **F41B**

(11) **WO 2004/104508** (13) A2

(21) PCT/US2004/014545

(22) **10 May/mai 2004 (10.05.2004)**

(25) en (26) en

(30) 60/468,654 **8 May/mai 2003 US (08.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **ARCHERY LASER TRAINING SYSTEM AND METHOD**

• SYSTEME D'ENTRAÎNEMENT AU LASER POUR TIR A L'ARC, ET PROCEDE CORRESPONDANT

(71) **BEAMHIT, LLC** [US/US]; 10220 Old Columbia Road, Columbia, MD 21046 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KENDIR, Tansel** [US/US]; 6452 Tydings Road, Eldersburg, MD 21784 (US). **SHECHTER, Motti** [US/US]; 12202 Falls Road, Potomac, MD 20854 (US).

(74) **SHAPIRO, Stuart, B.** et al. / etc.; Edell, Shapiro & Finnan, LLC, 1901 Research Boulevard, Suite 400, Rockville, MD 20850-3164 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **F41B**

(11) **WO 2004/104509** (13) A2

(21) PCT/US2004/007745

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

(25) en (26) en

(30) 10/439,885 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **COLLAPSIBLE TOY AIR GUN**

• PISTOLET-JOUET A AIR COMPRIME PLIABLE

(71) **CYI, INC.** [US/US]; 9314 Eton Avenue, Chatsworth, CA 91311 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **ZULOFF, Steven**; 9314 Eton Avenue, Chatsworth, CA 91311 (US). **JORDAN, Brian, A.**; 42278 Riva Ridge Drive, Hollywood, MD 20636 (US).

(74) **MISKIN, Howard, C.** et al. / etc.; Stoll, Miskin & Badie, 350 Fifth Avenue, Suite 4710, New York, NY 10118 (US).

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

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

(11) **WO 2004/104510** (13) A1

(21) PCT/US2004/013982

(22) **5 May/mai 2004 (05.05.2004)**

(25) en (26) en

(30) 10/439,073 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MULTI-FUNCTION ACTUATOR, AND METHOD OF OPERATING SAME**

• ACTIONNEUR MULTIFONCTION ET SA METHODE DE FONCTIONNEMENT

(71) **MOOG INC.** [US/US]; Jamison Road, East Aurora, NY 14052 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **PERINI, Richard, J.**; 9760 Savage Road, Holland, NY 14080 (US). **RIEDEL, James, K.**; 358 Cook Road, East Aurora, NY 14052 (US). **WANTUCK, Michael, D.**; 856 Schoellkopf Road, Cowlesville, NY 14037 (US).

(74) **SOMMER, Peter, K.** et al. / etc.; Phillips Lytle LLP, 3400 HSBC Center, Buffalo, NY 14203 (US).

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

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

(51)⁷ F41H 7/04 // B60N 2/24, B60R 21/06

(11) WO 2004/104511 (13) A1

(21) PCT/NO2003/000164

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEANS FOR PROTECTION OF A PERSON'S FEET FROM INJURIES IN AN EVENT OF A MINE BLAST

• MOYEN PERMETTANT DE PROTÉGER LES PIEDS D'UNE PERSONNE DE TOUTE BLESSURE LORS DE L'EXPLOSION D'UNE MINE

(71) KAROTEK AS [NO/NO]; Nedre Kongerød 23, N-3737 Skien (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSEN, Per Morten [NO/NO]; Tors vei 5, N-3960 Stathelle (NO).

(74) TANDBERGS PATENTKONTOR AS; Box 7085 M, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ F42B

(11) WO 2004/104512 (13) A2

(21) PCT/NO2003/000390

(22) 20 Nov/nov 2003 (20.11.2003)

(25) no (26) en

(30) 2002 5559 20 Nov/nov 2002 NO (20.11.2002)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR ACTIVATION OF A DETONATOR

• PROCEDE ET DISPOSITIF D'ACTIVATION D'UN DETONATEUR

(71) TOTAL CATCHER OFFSHORE AS [NO/NO]; Heiane 4, Nyborg, N-5879 Bergen (NO).

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

(72, 75) REIMERS, Nils [NO/NO]; Grasholmstuppen 1, Seksjon 52, N-4085 Hundvåg (NO).

(74) AS BERGEN PATENTKONTOR; P.O. Box 1998, Nordnes, N-5817 Bergen (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104513 (13) A2

(21) PCT/US2004/013250

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/471,161 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CODED APERTURE IMAGER WITH NEAR-FIELD ARTIFACT CORRECTION FOR DYNAMIC STUDIES

• IMAGEUR A OUVERTURE CODEE AVEC CORRECTION D'ARTEFACTS EN CHAMP PROCHE POUR ETUDES DYNAMIQUES

(71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA [US/US]; 34th Street and Civic Center Boulevard, Philadelphia, PA 19104 (US).

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

(72, 75) ACCORSI, Roberto [IT/US]; 276 Iven Avenue, Apt. 3D, St. Davids, PA 19087 (US).

(74) VOLIN, Marina, E.; 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 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 G01B 5/25, 5/255

(11) WO 2004/104514 (13) A2

(21) PCT/DE2004/001061

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 644.3 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR MEASURING THE GEOMETRY OF A WHEEL AXLE OF A MOTOR VEHICLE

• DISPOSITIF ET PROCEDE DE MESURE DE LA GEOMETRIE DE L'AXE DE ROUE D'UN VEHICULE

(71) A U E AUTOMATIONS- UND EINSTELLUNGSTECHNIK KASSEL GMBH [DE/DE]; Heinrich-Hertz-Strasse 52, 34123 Kassel (DE).

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

(72, 75) HOHLRIEDER, Michael [DE/DE]; Floher Strasse 2, 34327 Körle (DE). REICH-BOTT, Holger [DE/DE]; Oberer Lenzenberg 4, 34326 Morschen (DE). LAMSTER, Ralf [DE/DE]; Heisestrasse 3, 34128 Kassel (DE).

(74) WALTHER . WALTHER & HINZ; Heimradstrasse 2, 34130 Kassel (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.

(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 G01B 5/255

(11) WO 2004/104515 (13) A1

(21) PCT/DE2004/001062

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 643.5 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR MEASURING THE GEOMETRY OF A WHEEL AXLE OF A MOTOR VEHICLE

• DISPOSITIF DE MESURE DE LA GEOMETRIE D'UN AXE DE ROUE D'UN VEHICULE

(71) AUE AUTOMATIONS- UND EINSTELLUNGSTECHNIK KASSEL GMBH [DE/DE]; Heinrich-Hertz-Strasse 52, 34123 Kassel (DE).

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

(72, 75) **HOHLRIEDER, Michael** [DE/DE]; Floher Strasse 2, 34327 Körle (DE). **REICH-BOTT, Holger** [DE/DE]; Oberer Lenzenberg 4, 34326 Morschen (DE). **LAMSTER, Ralf** [DE/DE]; Heisestrasse 3, 34128 Kassel (DE).

(74) **WALTHER & HINZ**; Heimradstrasse 2, 34130 Kassel (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 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).

Published / Publiée : (c)

(51)⁷ **G01B 7/34**

(11) **WO 2004/104516** (13) A2

(21) PCT/GB2004/002134

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 0311692.8 **21 May/mai 2003 GB (21.05.2003)**

(30) 0311693.6 **21 May/mai 2003 GB (21.05.2003)**

(30) 0319460.2 **18 Aug/août 2003 GB (18.08.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CALIBRATION DEVICE
• DISPOSITIF D'ETALONNAGE

(71) **THE SECRETARY OF STATE FOR TRADE AND INDUSTRY** [GB/GB]; 1 Victoria Street, London SW1 0ET (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUMPSON, Peter, J.** [GB/GB]; 17 Charles Court, 30 Hampton Road, Teddington, Middlesex TW11 0JT (GB).

(74) **WILLIAMS, Powell et al.** / etc.; 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 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 **G01B 11/30, A61B 5/00, G01N 21/47**

(11) **WO 2004/104517** (13) A1

(21) PCT/GB2004/002159

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 0311976.5 **23 May/mai 2003 GB (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SURFACE PROFILING APPARATUS
• DISPOSITIF DE PROFILAGE DE SURFACE

(71) **TAYLOR HOBSON LIMITED** [GB/GB]; 2 New Star Road, Leicester LE4 9JQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANKHEAD, Andrew, Douglas** [GB/GB]; c/o Taylor Hobson Limited, 2 New Star Road, Leicester LE4 9JQ (GB). **LEE-BENNETT, Ian, Mark** [GB/GB]; c/o Taylor Hobson Limited, 2 New Star Road, Leicester LE4 9JQ (GB). **ARMSTRONG, Joseph** [GB/GB]; c/o Taylor Hobson Limited, 2 New Star Road, Leicester LE4 9JQ (GB).

(74) **BERESFORD, Keith, Denis, Lewis et al.** / etc.; Beresford & Co., 16 High Holborn, London WC1V 6BX (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 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 **G01B 11/30, C22B 34/12, C01G 23/02, B01J 19/00**

(11) **WO 2004/104518** (13) A1

(21) PCT/US2004/014861

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 10/440,702 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE ANALYSIS OF GAS PRODUCED BY A TITANIUM TETRACHLORIDE FLUIDIZED BED REACTOR
• PROCEDE POUR L'ANALYSE DU GAZ PRODUIT PAR UN REACTEUR A LIT FLUIDISE POUR TETRACHLORURE DE TITANE

(71) **KERR-MCGEE CHEMICAL, LLC** [US/US]; 123 Robert S. Kerr Avenue, Oklahoma City, OK 73102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TURNBAUGH, Donald, T., Jr.** [US/US]; 516 N.W. 16th Street, Oklahoma City, OK 73103 (US). **MORRIS, Alan, J.** [US/US]; 6220 Kingsbridge Drive, Oklahoma City, OK 73162 (US). **PERKINS, Johnny, B.** [US/US]; 40246 McDuffie Cemetery Road, Hamilton, MS 39740 (US).

(74) **STEVENS, Timothy, S.**; McKellar Stevens, PLLC, 784 South Poseyville Road, Midland, MI 48640 (US).

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

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 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 **G01C 21/36, G09B 29/00, G08G 1/0969**

(11) **WO 2004/104519** (13) A1

(21) PCT/EP2004/005138

(22) **13 May/mai 2004 (13.05.2004)**

(25) fr (26) fr

(30) 0306263 **23 May/mai 2003 FR (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ON-BOARD NAVIGATION SYSTEM WITH A ROUTE PREVIEW AND GUIDING INSTRUCTIONS
• SYSTEME DE NAVIGATION EMBARQUEE COMPORTANT UNE PREVISUALISATION D'ITINERAIRE AVEC INSTRUCTIONS DE GUIDAGE

(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) **DHOLLANDE, Emmanuel** [FR/FR]; 14, Avenue Joffre, F-06160 Juan Les Pins (FR).

(74) **SIEMENS VDO AUTOMOTIVE**; Postfach 22 16 34, 80506 München (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 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).

Published / Publiée : (c)

(51)⁷ G01C 21/36, G10L 15/22

(11) WO 2004/104520 (13) A1

(21) PCT/IB2004/050706

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101523.3 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF OPERATING A VOICE-CONTROLLED NAVIGATION SYSTEM

• PROCEDE DE PILOTAGE D'UN SYSTEME DE NAVIGATION A COMMANDE VOCALE

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

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) MEYER, Carsten [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; 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 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 G01D 5/00

(11) WO 2004/104521 (13) A2

(21) PCT/US2004/015414

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/440,738 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH TEMPERATURE MAGNETORESISTIVE SENSOR

• CAPTEUR MAGNETORESISTIF POUR HAUTES TEMPERATURES

(71) BENDIX COMMERCIAL VEHICLE SYSTEMS LLC [US/US]; 901 Cleveland Street, Elyria, OH 44035 (US).

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

(72, 75) TANNEYHILL, David, J. [US/US]; 327B Kentucky Drive, Ladson, SC 29456 (US).

(74) MCKNIGHT, Douglas, B.; Calfee, Halter & Griswold LLP, 800 Superior Avenue, Suite 1400, Cleveland, OH 44114 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(u) for / pour US only / seulement

(51)⁷ G01D 5/347, G02B 21/00

(11) WO 2004/104522 (13) A1

(21) PCT/EP2004/005063

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 23 921.9 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE PINHOLE IN PARTICULAR FOR A LASER-SCANNING MICROSCOPE

• STENOPE REGLABLE, EN PARTICULIER POUR UN MICROSCOPE A BALAYAGE LASER

(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) BARTZKE, Karlheinz [DE/DE]; Gothaer Str. 20, 99867 Gotha (DE).
WOLLESCHEFSKY, Ralf [DE/DE]; An der Promenade 3, 99510 Apolda (DE).

(74) CARL ZEISS JENA GMBH; Hampe, Holger, Carl Zeiss Promenade 10, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01D 11/24, G01N 27/22, G01K 1/14

(11) WO 2004/104523 (13) A1

(21) PCT/DE2004/000445

(22) 6 Mar/mar 2004 (06.03.2004)

(25) de (26) de

(30) 103 22 017.8 16 May/mai 2003 DE (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COVER FOR A DEW POINT SENSOR MOUNTED ON A PRINTED CIRCUIT BOARD

• ELEMENT DE RECOUVREMENT POUR DETECTEUR DE POINT DE CONDENSATION DISPOSE SUR UNE CARTE DE CIRCUIT

(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) LEGL, Stefan [DE/DE]; Kopfstrasse 27, 70771 Leinfelden-Echterdingen (DE).
STAUSS, Gerold [DE/DE]; Schillerstrasse 50, 71083 Herrenberg (DE).

(74) KOHLER SCHMID MÖBUS; Rupp-mannstrasse 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).

(51)⁷ G01F

(11) WO 2004/104524 (13) A2

(21) PCT/IT2004/000291

(22) 21 May/mai 2004 (21.05.2004)

(25) it (26) en

(30) TV2003A000078 21 May/mai 2003 IT (21.05.2003)

(30) TV2003A000124 9 Sep/sep 2003 IT (09.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MEASURING THE FREE VOLUME OF A TANK AND MEASURING DEVICE OPERATING TO THE METHOD

• PROCEDE DE MESURE D'UN VOLUME LIBRE D'UN RESERVOIR ET DISPOSITIF DE MESURE FONCTIONNANT SELON CE PROCEDE

(71) **GIRARDELLO, Gianpaolo** [IT/IT]; Via San Martino, 26, I-31011 Asolo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINI, Silla** [IT/IT]; Via Bassanese, 25, I-31030 Bessica di Loria (IT).

(74) **CANTALUPPI, Stefano** et al. / etc.; c/o Cantaluppi & Partners S.p.A., Via Matteotti 26, I-35137 Padova (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 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).

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 US UZ VN YU ZA ZM ZW 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)
(u) for / pour US only / seulement

(51)⁷ **G01F**

(11) **WO 2004/104525** (13) A2

(21) PCT/US2004/015460

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/470,333 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH/LOW LEVEL ALARM CONTROLLER
• CONTROLEUR D'ALARME DE NIVEAU HAUT/BAS

(71, 72) **SABATINO, Daniel** [US/US]; 3 Carraige Drive, Burlington, CT 06013 (US).

(74) **GREEN, Stanley, B.** et al. / etc.; Connolly Bove Lodge & Hutz, LLP, Suite 800, 1990 M. Street, NW, Washington, DC 20036-3425 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **G01F 1/68**

(11) **WO 2004/104526** (13) A1

(21) PCT/US2004/015494

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 10/440,371 **16 May/mai 2003 (16.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMAL ANEMOMETRY MASS FLOW MEASUREMENT APPARATUS AND METHOD
• APPAREIL ET PROCÉDE POUR LA MESURE D'UN DÉBIT MASSIQUE PAR ANÉMOMETRIE THERMIQUE

(71) **MKS INSTRUMENTS, INC.** [US/US]; 90 Industrial Way, Wilmington, MA 01887 (US).

(72, 75) **SHAJII, Ali** [IR/US]; 26 Standish Drive, Canton, MA 02021 (US). **KOT-TENSTETTE, Nicholas, E.** [US/US]; 410 Peashway Street, South Bend, IN 46617 (US). **MYATT, Leonard, R.** [US/US]; 8 Eric Road, Norfolk, MA 02056 (US). **ANASTAS, Jeffrey, V.** [US/US]; 23 Gendron Lane, Kennebunk, ME 04043 (US).

(74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).

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

Published / Publiée : (c)

(51)⁷ **G01F 11/08, 11/22**

(11) **WO 2004/104527** (13) A1

(21) PCT/NL2004/000365

(22) **24 May/mai 2004 (24.05.2004)**

(25) nl (26) en

(30) 1023521 **23 May/mai 2003 (23.05.2003)** NL

(30) 1024237 **5 Sep/sep 2003 (05.09.2003)** NL

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ASSEMBLY OF A CONTAINER FILLED WITH MINERAL CONCENTRATE AND A DOSING DEVICE
• ENSEMBLE COMPORTANT UN CONTENANT REMPLI D'UN CONCENTRE MINÉRAL ET UN DISPOSITIF DE DOSAGE

(71) **SARA LEE/DE N.V.** [NL/NL]; Keulsekade 143, NL-3532 AA Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIESHEUVEL, Arend, Cornelis, Jacobus** [NL/NL]; Raadhuislaan 7, NL-4251 VS Werkendam (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 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).

Published / Publiée : (c)

(51)⁷ **G01F 19/00, G06F 17/60**

(11) **WO 2004/104528** (13) A1

(21) PCT/GB2004/002109

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 0312038.3 **24 May/mai 2003 (24.05.2003)** GB

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURITY METHOD AND APPARATUS FOR PREVENTING CREDIT CARD FRAUD
• METHODE SECURISÉE ET APPAREIL DE PREVENTION DES FRAUDES SUR CARTES DE CREDIT

(71, 72) **EDWARDS, Michael** [GB/ES]; 1717B Calle Encinas, Sitio de Calahonda, Mijas-Costa, E-29647 Malaga (ES).

(74) **BURROWS, Anthony, Gregory**; 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 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 **G01F 23/00**

(11) **WO 2004/104529** (13) A2

(21) PCT/US2004/012434

(22) **22 Apr/avr 2004 (22.04.2004)**

- (25) en (26) en
- (30) 60/464,439 **22 Apr/avr 2003** US
(22.04.2003)
- (30) 10/828,705 **21 Apr/avr 2004** US
(21.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROXIMITY SENSOR FOR LEVEL SENSING
• CAPTEUR DE PROXIMITE POUR DETECTION DE NIVEAU
- (71) TOUCHSENSOR TECHNOLOGIES, LLC [US/US]; 203 N. Gables Boulevard, Wheaton, IL 60187 (US).
- (72) ZIELINSKI, Michael, R.; 12148 Parkview Lane, 3A, Holland, MI 49424 (US). TAYLOR, Michael, Jon; 717 Hayes Circle, Longmont, CO 80501 (US).
- (74) VRLA, Mark, P.; Jenner & Block LLP, One IBM Plaza, Chicago, IL 60611 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01H
- (11) WO 2004/104530 (13) A2
- (21) PCT/US2004/015204
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/470,724 **14 May/mai 2003** US
(14.05.2003)
- (30) 10/809,538 **24 Mar/mar 2004** US
(24.03.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INTERFERENCE AND NOISE ESTIMATION IN AN OFDM SYSTEM
• ESTIMATION DES INTERFERENCES ET DU BRUIT DANS UN SYSTEME MROF
- (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) SUTIVONG, Arak [TH/US]; 6586 Ambrosia Drive, #5307, Carlsbad, CA 92124 (US). NAGUIB, Ayman, Fawzy [EG/US]; 991 Cranberry Drive, Cupertino, CA 95014 (US). AGRAWAL, Avneesh [IN/US]; 7891 Doug Hill, #29, San Diego, CA 92127 (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 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).
- 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 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)
- (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 G01H
- (11) WO 2004/104531 (13) A2
- (21) PCT/US2004/015297
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/470,815 **15 May/mai 2003** US
(15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND SYSTEM FOR IMPROVED SINGLE-ENDED LOOP MAKE-UP IDENTIFICATION
• PROCEDE ET SYSTEME PERMETTANT UNE IDENTIFICATION AMELIOREE DE LA CONSTITUTION D'UNE LIGNE D'ABONNE ASYMETRIQUE
- (71) TELCORDIA TECHNOLOGIES, INC. [US/—]; One Telcordia Drive 05G0116, Piscataway, NJ 08854-4157 (US).
- (72) GALLI, Stefano; 72 Village Drive, Morristown, NJ 07960 (US). KERPEZ, Kenneth, J.; 150 Old Farmers Road, Long Valley, NJ 07853 (US).
- (74) SCHONEMAN, William, A. et al. / etc.; Telcordia Technologies, Inc., One Telcordia Drive 5G116, Piscataway, NJ 08854-4157 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01J 3/02
- (11) WO 2004/104532 (13) A1
- (21) PCT/CH2004/000320
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 03405378.5 **26 May/mai 2003** EP
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ARRANGEMENT FOR CONTINUOUS DETERMINATION OF A SUBSTANCE
• ENSEMBLE PERMETTANT L'ANALYSE EN CONTINU D'UNE SUBSTANCE
- (71) TAWIL, Samir [CA/ES]; Casa Capricornio, Camino del Pinar, E-29600 Marbella (ES). MALHAS, Mahmoud [SA/JO]; 65 Shariff Nassir Bin Jameel Street, Tlaa El Ali, Amman 11191 (JO). KAWASH, Fawzi, Ahmad [JO/JO]; P.O. Box 2079, Amman 11191 (JO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROTHMAIER, Markus [CH/CH]; Waidstrasse 5, CH-8037 Zürich (CH). BUSSE-GRAWITZ, Max, Erick [DE/CH]; Sagibach, CH-6055 Alpnach (CH). SCHMIDIGER, Thomas [CH/CH]; Dammweg 3, CH-6072 Sachseln (CH).
- (74) ROSHARDT, Werner, A. et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01K
- (11) WO 2004/104533 (13) A2
- (21) PCT/US2004/015002
- (22) 6 May/mai 2004 (06.05.2004)
- (25) en (26) en
- (30) 10/439,005 **15 May/mai 2003** US
(15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS FOR MAINTAINING FLUID TEMPERATURE
• APPAREIL DESTINE A MAINTENIR LA TEMPERATURE D'UN LIQUIDE
- (71, 72) LAPRISE, Vincent, A. [US/US]; 55549 Danube Avenue, Macomb Township, MI 48042 (US).

(74) ZALECKI, Gregory, T.; 12900 Hall Road, Suite 401, Sterling Heights, MI 48313 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01K 1/12, 1/14

(11) WO 2004/104534 (13) A1

(21) PCT/CA2004/000713

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/472,140 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOSITE CERAMIC DEVICE FOR MEASURING THE TEMPERATURE OF LIQUIDS

• DISPOSITIF EN CERAMIQUE COMPOSITE DE MESURE DE LA TEMPERATURE DE LIQUIDES

(71) RDC CONTRÔLE LTÉE [CA/CA]; 1100 Michèle-Bohec, Blainville, Québec J7C 5N5 (CA).

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

(72, 75) ALLAIRE, Claude [CA/CA]; 227 Houle St., St-Eustache, Québec J7P 2L8 (CA). PINEAULT, Jean-Benoît [CA/CA]; 1207 Antonio Lemaire, Chicoutimi, Québec G7K 1J2 (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 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 G01K 7/24, 7/02, 1/14, H01L 21/304

(11) WO 2004/104535 (13) A1

(21) PCT/JP2004/007096

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-147212 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEMPERATURE MEASURING SYSTEM AND TEMPERATURE MEASURING METHOD

• SYSTEME ET PROCÉDE DE MESURE DE TEMPERATURE

(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) NAKATOU, Isamu [JP/JP]; c/o Tokyo Electron Kyushu Limited, Saga Plant, 1375-41, Nishishin-machi, Tosu-shi, Saga 8410074 (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 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 G01K 11/32

(11) WO 2004/104536 (13) A1

(21) PCT/GB2004/001792

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/473,667 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISTRIBUTED TEMPERATURE SENSING SYSTEM WITH REMOTE REFERENCE COIL

• SYSTEME DE DETECTION DE TEMPERATURE REPARTI A BOBINE DE REFERENCE A DISTANCE

(71) SENSOR HIGHWAY LIMITED [GB/GB]; 8th Floor, South Quay Plaza II, 183 Marsh Wall, London E14 9SH (GB).

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

(72, 75) MARSH, Richard [GB/GB]; The Warren, Church Rd., Swanmore, Southampton SO32 2PA (GB). HARTOG, Arthur, H. [CA/GB]; 31 Butterfield Road, Southampton SO16 7EQ (GB). NALDRETT, Garth [GB/GB]; 39 Terrier Close, Hedge End, Southampton, Hampshire SO30 2ND (GB). VAYNSHTEYN, Vladimir [US/GB]; Springfield, Manor Ln., Timbury, Romsey, Hampshire SO51 0NE (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 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 G01L 1/14

(11) WO 2004/104537 (13) A1

(21) PCT/US2004/012166

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/439,447 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CAPACITOR BASED FORCE SENSOR

• CAPTEUR A CONDENSATEUR BASE SUR LA FORCE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) KAMRATH, Robert F.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). HAMERLY, Michael E.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). WEAVER, Billy L.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) PECHMAN, Robert J., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 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 VC VN YU ZA ZM ZW.

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

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 G01L 1/22, 9/06, 19/04, G01D 3/036

(11) WO 2004/104538 (13) A1

(21) PCT/US2004/015647

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,438 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CUSTOMIZED SPAN COMPENSA-
TION OF (SOI PRESSURE) SENSOR
WITH LEADOUT RESISTANCE HAV-
ING HEAVY AND LIGHT IMPLANT
PORTIONS

• COMPENSATION D'INTERVALLE
PERSONNALISEE D'UN CAPTEUR
(DE PRESSION SOI) POURVU D'UNE
RESISTANCE DE SORTIE COMPOR-
TANT DES PARTIES A IMPLANTA-
TION LOURDE ET LEGERE

(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) JOHNSON, Russell, L. [US/US]; 2150
Greenview Drive, New Brighton, MN 55112
(US).

(74) HOIRIIS, David et al. / etc.; Honeywell In-
ternational Inc., 101 Columbia Avenue, 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 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).

Published / Publiée : (c)

(51)⁷ G01L 1/24, G01K 11/32, G02B 5/26

(11) WO 2004/104539 (13) A1

(21) PCT/SG2004/000118

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 200302912-1 22 May/mai 2003 SG
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A FIBER OPTIC FORCE SENSOR FOR
MEASURING SHEAR FORCE

• CAPTEUR DE FORCE A FIBRE OP-
TIQUE POUR MESURER UNE FORCE
DE CISAILEMENT

(71) NANYANG TECHNOLOGICAL UNI-
VERSITY [SG/SG]; 50 Nanyang Avenue,
Singapore 639798 (SG).

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

(72, 75) TJIN, Swee, Chuan [SG/SG]; 835
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(74) VIERING, JENTSCHURA & PARTNER;
Rochor Post Office, Rochor Road, P.O. Box
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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 G01L 3/26

(11) WO 2004/104540 (13) A1

(21) PCT/US2004/009609

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/439,562 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FILTERS FOR ENGINE EXHAUST
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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 G01L 9/00, 19/14

(11) WO 2004/104541 (13) A1

(21) PCT/US2004/015139

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/439,698 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRESSURE SENSOR CAPSULE

• CAPSULE DE CAPTEUR DE PRES-
SION

(71) ROSEMOUNT INC. [US/US]; 12001 Tech-
nology Drive, Eden Prairie, MN 55344 (US).
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(72) ROMO, Mark, G.; 8630 Coachmans Lane,
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(74) BOHN, David, C. et al. / etc.; Westman,
Champlin & Kelly, P.A., Suite 1600 - Inter-
national 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 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).

Published / Publiée : (c)

(51)⁷ G01L 9/06

(11) WO 2004/104542 (13) A1

(21) PCT/US2004/015878

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,877 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED RESISTOR NETWORK
FOR MULTI-FUNCTIONAL USE IN
CONSTANT CURRENT OR CON-
STANT VOLTAGE OPERATION OF A
PRESSURE SENSOR

• RESEAU DE RESISTANCES INTEGRE
DESTINE A UNE UTILISATION MUL-
TIFONCTIONNELLE DANS UN CAP-
TEUR DE PRESSION FONCTION-
NANT EN COURANT OU TENSION
CONSTANT

(71) HONEYWELL INTERNATIONAL INC.
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(72, 75) JOHNSON, Russell, L. [US/US]; 2150
Greenview Drive, New Brighton, MN 55112
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(74) HOIRIIS, David et al. / etc.; Honeywell In-
ternational Inc., 101 Columbia Avenue, 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 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).

Published / Publiée : (c)

(51)⁷ G01L 19/06, 9/12, H01L 21/00, C23C 16/00

(11) WO 2004/104543 (13) A1

(21) PCT/US2004/014639

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/440,391 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CONTAMINANT DEPOSITION CONTROL BAFFLE WITH CAPACITANCE DIFFERENCE PRESSURE TRANSDUCER

- ECRAN DE REGULATION DU DEPOT DES AGENTS DE CONTAMINATION AVEC TRANSDUCTEUR DE DIFFERENTIELS DE PRESSION CAPACITIF

(71) MKS INSTRUMENTS, INC. [US/US]; 90 Industrial Way, Wilimington, MA 01887 (US).

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(72, 75) LISCHER, Jeffrey, D. [US/US]; 46 Hosmer Street, Acton, MA 01720 (US). TRAVERSO, Robert [US/US]; 3 Underwood Street, Belmont, MA 02478 (US).

(74) GOLDENBERG, Richard, A. et al. / etc.; Hale and Dorr, LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01M 3/26

(11) WO 2004/104544 (13) A1

(21) PCT/JP2003/006558

(22) 26 May/mai 2003 (26.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • MEASUREMENT METHOD IN AIR-TIGHTNESS INSPECTION DEVICE THAT IS FOR INSPECTING BOX BODY AND HAS SEAM MOVEMENT CONTROL DEVICE

- PROCEDE DE MESURE DANS UN DISPOSITIF DE VERIFICATION D'ETANCHEITE A L'AIR, DESTINE A LA VERIFICATION DU CORPS D'UNE BOITE, ET PRESENTANT UN DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VAPEUR

(71) KYUSHU SANKOSHA INC. [JP/JP]; 8-10, Watanabedori 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0004 (JP).

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(72, 75) MIZOBE, Kunitaka [JP/JP]; 6-7, Hoshikuma 1-chome, Jonan-ku, Fukuoka-shi, Fukuoka 814-0132 (JP).

(74) HIRATA, Yoshinori; 7-25, Nishizin 1-chome, Sawara-ku, Fukuoka-shi, Fukuoka 814-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 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 G01M 13/04, G01P 3/44, 3/487, F16C 19/18, 19/52

(11) WO 2004/104545 (13) A1

(21) PCT/JP2004/006410

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 2003-144942 22 May/mai 2003 JP (22.05.2003)

(30) 2003-172483 17 Jun/juin 2003 JP (17.06.2003)

(30) 2003-171715 17 Jun/juin 2003 JP (17.06.2003)

(30) 2004-007655 15 Jan/jan 2004 JP (15.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • LOAD MEASURING DEVICE FOR ROLLING BEARING UNIT AND LOAD MASURING ROLLING BEARING UNIT

- DISPOSITIF DE MESURE DE CHARGE POUR UNITE DE ROULEMENT A ROULEAUX ET UNITE DE ROULEMENT A ROULEAUX A MESURE DE CHARGE

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).

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(72, 75) TAKIZAWA, Takeshi [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). YANAGISAWA, Tomoyuki [JP/JP]; c/o

NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). ONO, Koichiro [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei, 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). SAKATANI, Ikunori [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (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 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

(11) WO 2004/104546 (13) A2

(21) PCT/DE2004/001019

(22) 11 May/mai 2004 (11.05.2004)

(25) de (26) de

(30) 103 23 093.9 16 May/mai 2003 DE (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND DEVICE FOR IDENTIFYING DANGEROUS GOODS IN PIECES OF LUGGAGE

- PROCEDE ET DISPOSITIF DE DETECTION D'ARTICLES DANGEREUX DANS DES BAGAGES

(71, 72) LEONHARDT, Jürgen [DE/DE]; Fischerinsel 1, 10179 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 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

(11) WO 2004/104547 (13) A2

(21) PCT/US2004/014566

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/431,708 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SYSTEMS AND METHODS FOR FLUORESCENCE DETECTION WITH A MOVABLE DETECTION MODULE
- SYSTEMES ET PROCEDES DE DETECTION DE FLUORESCENCE AU MOYEN D'UN MODULE DE DETECTION MOBILE
- (71) **MJ RESEARCH, INC.** [US/US]; 590 Lincoln Street, Waltham, Massachusetts 02451 (US).
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- (72, 75) **KORDUNSKY, Igor** [US/US]; 19 Payne Road, Newton, Massachusetts 02461-1816 (US). **GOLDMAN, Jeffrey, A.** [US/US]; 24 Washington Drive, Acton, Massachusetts 01720 (US). **FINNEY, Michael, J.** [US/US]; 489 Douglass Street, San Francisco, California 94114 (US).
- (74) **CRETSINGER, Cathy, E.** et al. / etc.; Two Embarcadero Center, 8th 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 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**
- (11) **WO 2004/104549** (13) A2
- (21) PCT/US2004/015010
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 60/470,915 **15 May/mai 2003 (15.05.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IDENTIFICATION AND QUANTIFICATION OF ORGAN-SPECIFIC PROTEINS DERIVED FROM HUMAN ALLOGENEIC CELLS USING PROTEOMICS
- IDENTIFICATION ET QUANTIFICATION DE PROTEINES A SPECIFICITE ORGANIQUE DERIVEES DE CELLULES ALLOGENIQUES HUMAINES UTILISANT LA PROTEOMIQUE
- (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 71th St., Austin, TX 78701 (US).
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- (72, 75) **KORBLING, Martin** [DE/US]; 3249 Maroneal St., Houston, TX 77025 (US). **ESTROV, Zeev** [US/US]; 5739 Birdwood, Houston, TX 77096 (US). **FRITSCH, Herbert** [US/US]; 4506 Frontier Dr., Houston, TX 77041 (US).
- (74) **HIGHLANDER, Steven, L.**; 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 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 **G01N**
- (11) **WO 2004/104548** (13) A2
- (21) PCT/US2004/014765
- (22) **10 May/mai 2004 (10.05.2004)**
- (25) en (26) en
- (30) 60/469,538 **9 May/mai 2003 (09.05.2003)** US
- (30) 60/471,390 **16 May/mai 2003 (16.05.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SOLUTION PHASE ELECTROPHORESIS DEVICE, COMPONENTS, AND METHODS
- DISPOSITIF D'ELECTROPHORESE EN PHASE EN SOLUTION, COMPOSANTS ET PROCEDES
- (71) **INVITROGEN CORPORATION** [US/US]; 1600 Faraday Avenue, Carlsbad, CA 92008 (US).
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- (72, 75) **AMSHEY, Joseph, W.** [US/US]; 2350 Jennifer Lane, Encinitas, CA 92024 (US). **UPDYKE, Timothy, V.** [US/US]; 37349 Avenida Chapala, Temecula, CA 92592 (US). **JACKSON, Thomas, R.** [US/US]; 7135 Olivetas Avenue, La Jolla, CA 92037 (US). **THACKER, Michael** [US/US]; 11584 Windcrest Lane, #1924, San Diego, CA 92121 (US).
- (74) **BECKER, Daniel, M.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (30) 60/471,132 **16 May/mai 2003 (16.05.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RAPID AND SPECIFIC DETECTION OF ENTEROBACTER SAKAZAKII
- DETECTION RAPIDE ET SPECIFIQUE ENTEROBACTER SAKAZAKII
- (71) **QUALICON INCORPORATED** [US/US]; Route 141 & Henry Clay Road, Wilmington, Delaware 19880-0357 (US).
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- (72, 75) **BARBOUR, Mark** [US/US]; 2233 Sunningdale Road, Kingsport, Tennessee 37660 (US).
- (74) **JOUNG, J., Kenneth**; Qualicon Incorporated, 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 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 **G01N**
- (11) **WO 2004/104551** (13) A2
- (21) PCT/US2004/015327
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 60/471,149 **16 May/mai 2003 (16.05.2003)** US
- (30) 60/498,868 **29 Aug/août 2003 (29.08.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • OPTICAL FRACTIONATION METHODS AND APPARATUS
- PROCEDES ET DISPOSITIF DE FRACTIONNEMENT OPTIQUE
- (71) **UNIVERSITY OF CHICAGO** [US/US]; 5555 South Woodlawn Ave., Suite 300, Chicago, Illinois 60637 (US).
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- (72, 75) **GRIER, David G.** [US/US]; 120 W. 15th Street, Apt. 2G, New York, New York 10011 (US).
- (74) **MARTIN, Matthew E.** et al. / etc.; Foley & Lardner LLP, Suite 2800, 321 North Clark Street, Chicago, Illinois 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 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

(11) WO 2004/104552 (13) A2

(21) PCT/US2004/015398

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,725 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR
PROCESS MONITORING
• APPAREIL ET PROCÉDE DE SUR-
VEILLANCE DE PROCÉDE

(71) HARTRAQ, INC. [US/US]; 3028 Stratmoor
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les États désignés sauf US)

(72, 75) WITTY, Thomas, R. [US/US]; 3414
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(74) DAVIS, Paul; Heller Ehrman White &
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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

(11) WO 2004/104553 (13) A2

(21) PCT/US2004/015654

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,352 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR SEP-
ARATING FLUID COMPONENTS
• PROCÉDE ET APPAREIL PERMET-
TANT DE SEPARER DES COMPO-
SANTS D'UN FLUIDE

(71) HARVEST TECHNOLOGIES CORPO-
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les États désignés sauf US)

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c/o Harvest Technologies Corporation, 40
Grissom Road, Suite 100, Plymouth, MA
02360 (US). KIBBE, Mark [US/US]; c/o
Harvest Technologies Corporation, 40 Gris-
som Road, Suite 100, Plymouth, MA 02360
(US).

(74) CLARK, Conrad, J.; Clark & Brody, 1750
K Street, N.W., Suite 600, 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 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

(11) WO 2004/104554 (13) A2

(21) PCT/US2004/016256

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/441,840 20 May/mai 2003 US
(20.05.2003)

(30) 10/441,837 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ORGANIC ANALYSIS MODULE
• MODULE D'ANALYSE ORGANIQUE

(71) TECHNOLOGY INNOVATIONS, LLC
[US/US]; 150 Lucius Gordon Drive, West
Henrietta, NY 14586 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PRELEWITZ, David, F. [US/US]; 842
South Grosvenor Road, Rochester, NY 14618
(US).

(74) SALAI, Stephen et al. / etc.; Harter, Secrest
& Emery LLP, 1600 Bausch & Lomb Place,
Rochester, NY 14604-2711 (US).

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

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 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)

(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 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)
(u) for / pour US only / seulement

(51)⁷ G01N

(11) WO 2004/104555 (13) A2

(21) PCT/US2004/016267

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,617 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUID LOGIC DEVICE
• DISPOSITIF LOGIQUE FLUIDIQUE

(71) PROTASIS CORPORATION [US/US];
734 Forest Street, Marlborough, MA 01742
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STRAND, David [US/US]; 16 Na-
son Hill Lane, Sherborn, MA 01770 (US).
LEATZOW, Dan, M [US/US]; 545 South-
east South Street, Pullman, WA 99163 (US).

(74) MCDERMOTT, Peter, D.; Banner & Wit-
coff LTD., 28 State St. 28th Floor, 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 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 1/20

(11) WO 2004/104556 (13) A1

(21) PCT/FR2004/050192

(22) 13 May/mai 2004 (13.05.2004)

(25) fr (26) fr

(30) 0305878 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR EXTRACTING POWDER
• DISPOSITIF DE PRELEVEMENT DE
POUDRES(71) COMPAGNIE GENERALE DES
MATIERES NUCLEAIRES [FR/FR]; 2
rue Paul Dautier, F-78140 VELIZY VILLA-
COUBLAY (FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ORANGE, Christian [FR/FR]; La
Luzerne de Haut, F-50260 BRICQUEBEC
(FR). TREVISAN, Christian [FR/FR]; 104,
avenue Turgot, F-93190 LIVRY GARGAN
(FR). TOURRE-LEDOUX, Joël [FR/FR];
Chemin des Plaines, F-30131 PUJAUT (FR).(74) LEHU, Jean; BREVATOME, 3, rue du Doc-
teur 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 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 1/30

(11) WO 2004/104557 (13) A2

(21) PCT/US2004/015811

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,810 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROPHORETIC *IN SITU* TISSUE
STAINING
• COLORATION DES TISSUS *IN SITU*
PAR ELECTROPHORESE(71) VENTANA MEDICAL SYSTEMS, INC.
[US/US]; 1910 Innovation Park Drive, Tuc-
son, AZ 85737 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) LEMME, Charles; 618 Camino Lujosa,
Tucson, AZ 85704 (US). RICHARDS,
William; 1885 West Via Mandarina, Tuc-
son, AZ 85737 (US). BRYANT, David;
1870 West La Quinta Place, Tucson, AZ
85737 (US). WOLF, Catherine; 16, rue
du General Leclerc, F-67201 Eckbolsheim
(FR). GHUSSON, Andrew; 11522 N. Mon-
ica Leigh Place, Tucson, AZ 85737 (US).ASHBY, Austin; 3671 W. Flynn Court,
Tucson, AZ 85742 (US). SHOWALTER,
Wayne; 8551 N. Firethorne Avenue, Tucson,
AZ 85742 (US). HARTMAN, Anthony;
8932 N. Spinel Place, Tucson, AZ 85749
(US). KRAM, Brian; 38255 S. Loma Serena
Drive, Tucson, AZ 85739 (US).(74) JONES, Huw, R.; Ventana Medical Systems,
Inc., 1910 Innovation Park Drive, Tucson, AZ
85737 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 1/34, B29C 71/00

(11) WO 2004/104558 (13) A1

(21) PCT/US2004/015268

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,990 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TESTING OF FABRICATED FLUO-
ROPOLYMER ARTICLES FOR METAL
CONTAMINATION• CONTROLE D'ARTICLES FABRIQUES
EN FLUOROPOLYMER AFIN D'Y
RECHERCHER UNE EVENTUELLE
CONTAMINATION METALLIQUE(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) JOHNSON, David, William [US/US];
35 McPherson Manor, Washington, West Vir-
ginia 26181 (US).(74) TOCKER, Edwin; E. I. DU PONT DE
NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster 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 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 BJCF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 1/40

(11) WO 2004/104559 (13) A1

(21) PCT/SE2004/000767

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0301519-5 22 May/mai 2003 SE
(22.05.2003)(30) 60/472,424 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DETECTION OF TRACE AMOUNTS
OF AIRBORNE OR DEPOSITED
LOW-MOLECULAR WEIGHT COM-
POUNDS• DETECTION DE QUANTITES A
L'ETAT DE TRACES DE COMPOSES
DE FAIBLE POIDS MOLECULAIRE
EN SUSPENSION DANS L'AIR OU DE-
POSES(71) BIOSENSOR APPLICATIONS SWE-
DEN AB (PUBL) [SE/SE]; Ursviksvägen
131 A, S-174 46 Sundbyberg (SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MANSSON, Per [SE/SE]; Solängsvägen
76, S-192 54 Sollentuna (SE).(74) ZACCO SWEDEN AB et al. / etc.; P.O. Box
23101, S-104 35 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 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 3/32

(11) WO 2004/104560 (13) A2

(21) PCT/US2004/016014

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/442,585 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FORMATION-BASED INTERPRETA-
TION OF NMR DATA FOR CARBON-
ATE RESERVOIRS• INTERPRETATION DE DONNEES
RMN BASEE SUR UNE FORMATION
POUR DES RESERVOIRS CARBO-
NATES(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) KRUSPE, Thomas; Halber Weg 5, 29342 Wienhausen (DE). KIESEL, Christian; Alte Stockener Str. 20, 30419 Hannover (DE). THERN, Holger; Langensalzstr. 21, 30169 Hannover (DE). SURHOLT, Iris; Rehbodish 20, 30167 Hannover (DE).

(74) RIDDLE, Albert, J. et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 15/06

(11) WO 2004/104561 (13) A1

(21) PCT/EP2004/005068

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 10322913.2 21 May/mai 2003 DE (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR MEASURING THE CONTENT OF FERROMAGNETIC PARTICLES IN LIQUID SUSPENSIONS, AEROSOL DISPENSERS OR SOLID MIXTURES

• PROCEDE ET DISPOSITIF PERMETTANT DE MESURER LA TENUEUR EN PARTICULES FERROMAGNETIQUES DE SUSPENSIONS LIQUIDES, D'AEROSOLS OU DE MELANGES SOLIDES

(71) BAYER TECHNOLOGY SERVICES GMBH [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WERDEN, Burkhard [DE/DE]; Höhenstr. 90, 51381 Leverkusen (DE).

(74) BAYER TECHNOLOGY SERVICES GMBH; 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 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 21/17

(11) WO 2004/104562 (13) A1

(21) PCT/IE2004/000076

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) S2003/0396 23 May/mai 2003 IE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND APPARATUS FOR ANALYSIS OF SEMICONDUCTOR MATERIALS USING PHOTOACOUSTIC SPECTROSCOPY TECHNIQUES

• PROCEDE ET DISPOSITIF POUR ANALYSER DES MATERIAUX SEMI-CONDUCTEURS PAR SPECTROSCOPIE PHOTOACOUSTIQUE

(71) DUBLIN CITY UNIVERSITY [IE/IE]; Glasnevin, Dublin 9 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOWNEY, Donnacha [IE/IE]; 2 River-valley Close, Swords, County Dublin (IE). McNALLY, Patrick [IE/IE]; 30 Balbriggan Street, Skerries, County Dublin (IE). READER, Alec [GB/BE]; Rue de la Brasserie 3, B-5640 Mettet (BE).

(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 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 21/21, 21/01

(11) WO 2004/104563 (13) A1

(21) PCT/JP2004/002527

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ja (26) ja

(30) 2003-143476 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPECTROMETER

• SPECTROMETRE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). JASCO CORPORATION [JP/JP]; 2967-5, Ishikawa-cho, Hachioji-shi, Tokyo 192-8537 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURODA, Reiko [JP/JP]; RA306, 4-8, Komaba, Meguro-ku, Tokyo 153-0041 (JP). MASAGO, Hisashi [JP/JP]; c/o Jasco Corporation, 2967-5, Ishikawa-cho, Hachioji-shi, Tokyo 192-8537 (JP). HAYAKAWA, Hiroshi [JP/JP]; c/o Jasco Corporation, 2967-5, Ishikawa-cho, Hachioji-shi, Tokyo 192-8537 (JP).

(74) IWAHASHI, Yuji; 1-11-8, Higashikana-gawa, 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 G01N 21/25, 21/64, 21/77, C12M 1/34, B01L 3/00

(11) WO 2004/104564 (13) A1

(21) PCT/DE2004/000511

(22) 13 Mar/mar 2004 (13.03.2004)

(25) de (26) de

(30) 103 22 443.2 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-FUNCTIONAL READER FOR BIOCHIPS

• LECTEUR MULTIFONCTIONNEL POUR BIOPUCES

(71) PRODESIGN GESELLSCHAFT FÜR PRODUKTENTWICKLUNG MBH [DE/DE]; Hüttengasse 41b, 69253 Heiligkreuzsteinach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEIBERT, Friedemann [DE/DE]; Hauptstrasse 2, 66484 Winterbach (DE). WEINBERG, Oliver [DE/DE]; Ringmauerweg 23, 69250 Schönau (DE).

(74) RUDOLPH, Ulrike; In der Schanz 10, 69198 Schriesheim (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 21/41, 21/43

(11) WO 2004/104565 (13) A1

(21) PCT/DE2004/001050

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 203 07 675.3 14 May/mai 2003 DE
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REFRACTOMETER

• REFRACTOMETRE

(71) SCHMIDT & HAENSCH GMBH & CO.
[DE/DE]; Waldstrasse 80/81, 13403 Berlin
(DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) YILMAZ, Sükrü [DE/DE]; Danck-
elmannstrasse 11, 14059 Berlin (DE).
KUCHEJDA, Mathis [DE/DE]; Hüniger
Strasse 43, 14195 Berlin (DE).(74) MEISSNER, Peter, E.; Anwaltskanzlei
Meissner & Meissner, Hohenzollerndamm
89, 14199 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 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).

Published / Publiée : (c)

(51)⁷ G01N 21/95, H01L 21/66

(11) WO 2004/104566 (13) A1

(21) PCT/DE2004/000474

(22) 10 Mar/mar 2004 (10.03.2004)

(25) de (26) de

(30) 103 37 727.1 19 May/mai 2003 DE
(19.05.2003)(30) 103 47 625.3 9 Oct/oct 2003 DE
(09.10.2003)(30) 103 52 936.5 11 Nov/nov 2003 DE
(11.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR OPTI-
CALLY CONTROLLING THE QUAL-
ITY OF OBJECTS HAVING A PREFER-
ABLY CIRCULAR EDGE• PROCEDE ET DISPOSITIF POUR
CONTROLLER VISUELLEMENT LA
QUALITE D'OBJETS PRESENTANT
DE PREFERENCE UN BORD CIRCU-
LAIRE(71) MICRO-EPSILON MESSTECHNIK
GMBH & CO. KG [DE/DE]; Königbacher
Strasse 15, 94496 Ortenburg (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WAGNER, Robert [DE/DE]; Grünet 6,
94127 Neuburg am Inn (DE).(74) ULLRICH & NAUMANN; Luisenstrasse
14, 69115 Heidelberg (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).

Published / Publiée : (c)

(51)⁷ G01N 27/00, G01G 3/13

(11) WO 2004/104567 (13) A1

(21) PCT/IL2004/000418

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/473,043 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • QUARTZ CRYSTAL MICROBALANCE
HUMIDITY SENSOR• CAPTEUR D'HUMIDITE A MICROBA-
LANCE DE CRISTAL DE QUARTZ(71) ELOP ELECTRO-OPTICS INDUS-
TRIES LTD. [IL/IL]; P.O. Box 1165, Kiryat
Weizmann, 76111 Rehovot (IL). RAMOT,
at Tel Aviv University Ltd. [IL/IL]; 32
Levanon Street, 66020 Tel Aviv (IL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GALUN, Ehud [IL/IL]; 12 Hankin
Street, 76354 Rehovot (IL). ZILBERMAN,
Galit [IL/IL]; 2 HaKinar Street, 75575 Rish-
on Lezion (IL). TSIONSKY, Vladimir
[IL/IL]; 18/4 Ha'histadrut Street, 76587 Re-
hovot (IL). GILEADI, Eliezer [IL/IL]; 10
Yekhiel Paldi Street, 72648 Rehovot (IL).(74) ELIEZRI, Zohar; Borochoy, Korakh,
Eliezri & Co., P.O. Box 58100, Kiryat
Atidim, 61580 Tel Aviv (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 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).

Published / Publiée : (c)

(51)⁷ G01N 27/00, 27/30

(11) WO 2004/104568 (13) A1

(21) PCT/JP2004/007300

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146480 23 May/mai 2003 JP
(23.05.2003)(30) 2004-37866 16 Feb/fév 2004 JP
(16.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SINGLE-ELECTRON TRANSISTOR,
FIELD-EFFECT TRANSISTOR, SEN-
SOR, METHOD FOR PRODUCING
SENSOR, AND SENSING METHOD• TRANSISTOR A ELECTRON UNIQUE,
TRANSISTOR A EFFET DE CHAMP,
CAPTEUR ET SON PROCEDE DE
PRODUCTION, ET PROCEDE DE DE-
TECTION(71) JAPAN SCIENCE AND TECHNOLOGY
AGENCY [JP/JP]; 1-8, Hon-cho 4-chome,
Kawaguchi-shi, Saitama 332-0012 (JP). NA-
TIONAL INSTITUTE OF ADVANCED
INDUSTRIAL SCIENCE AND TECH-
NOLOGY [JP/JP]; 1-3-1, Kasumigaseki,
Chiyoda-ku, Tokyo 100-0013 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MUKASA, Koichi [JP/JP]; 1-1-901,
Minami 13-jo Nishi, 5-chome, Chuo-ku, Sap-
poro-shi, Hokkaido 064-0913 (JP). MAT-
SUMOTO, Kazuhiko [JP/JP]; c/o Tsukuba
Center, National Institute of Advanced In-
dustrial, Science and Technology, 1-1-1,
Higashi, Tsukuba-shi, Ibaraki 305-0046
(JP). ISHII, Atsushi [JP/JP]; 1-1-1001,
Minami 15-jo Nishi, 10-chome, Chuo-ku,
Sapporo-shi, Hokkaido 064-0915 (JP).
TAKEDA, Seiji [JP/JP]; 702, Daiapalace
Kotoni, 5-6, Kotoni 1-jo 2-chome, Nishi-ku,
Sapporo-shi, Hokkaido 063-0811 (JP).
SAWAMURA, Makoto [JP/JP]; 612, Oodori
Heim, Kita 1-jo, Nishi 15-chome, Chuo-ku,
Sapporo-shi, Hokkaido 060-0001 (JP). SUB-
AGYO, Agus [ID/JP]; C, Royal House
Tomioka, 3-11, Tomioka 2-jo 3-chome,
Teine-ku, Sapporo-shi, Hokkaido 006-0012
(JP). HOSOI, Hirotaka [JP/JP]; 504-46,
Hokko Jutaku, 1-3, Kita 28-jo Higashi
3-chome, Higashi-ku, Sapporo-shi, Hokkaido
065-0028 (JP). SUEOKA, Kazuhisa [JP/JP];
3-10-108, Kita 35-jo Higashi, 3-chome, Hi-
gashi-ku, Sapporo-shi, Hokkaido 007-0835
(JP). KIDA, Hiroshi [JP/JP]; 1-1, Tsuk-
isamu Nishi 3-jo, 5-chome, Toyohira-ku,
Sapporo-shi, Hokkaido 064-0023 (JP).
SAKODA, Yoshihiro [JP/JP]; 605-14, Nishi
3-chome, Hachiken 3-jo, Nishi-ku, Sap-
poro-shi, Hokkaido 063-0843 (JP).(74) TAKE, Kenjiro et al. / etc.; Kashiwaya
Bldg., 6-13, Nishishinbashi 1-chome, Mi-
nato-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 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 G01N 27/26

(11) WO 2004/104569 (13) A1

(21) PCT/KR2004/001197

(22) 21 May/mai 2004 (21.05.2004)

(25) ko (26) en

(30) 10-2003-0033068 23 May/mai 2003 KR
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BIOSENSOR FOR ANALYZING
QUANTITATIVELY ANALYTE WITH
A PREDETERMINED SIZE AND
LARGER THAN AND MANUFAC-
TURING METHOD THEREOF

• BIOCAPTEUR PERMETTANT
L'ANALYSE QUANTITATIVE D'UN
ANALYTE D'UNE DIMENSION EGALE
OU SUPERIEURE A UNE DIMENSION
PREDETERMINEE, ET PROCEDE
PERMETTANT DE PRODUIRE CE
BIOCAPTEUR

(71) ALL MEDICUS CO., LTD [KR/KR];
7106, Dongil-Technotown 7th, 823,
Gwanyang-dong, Dongan-gu, Anyang-si,
Kyunggi-do 431-062 (KR).

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

(72, 75) CHANG, Je-Young [KR/KR]; 305,
208-4, Seogsu1-dong, Manan-gu, Anyang-si
430-804 (KR). KANG, Seung-Joo [KR/KR];
215-904 Family APT., 150, Moonjung-dong,
Songpa-gu, Seoul 138-200 (KR).

(74) LEE, Ki-Sung; 3rd Fl., Dongbo Bldg., 647-8
Yoksam-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 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).

Published / Publiée : (c)

(51)⁷ G01N 29/00

(11) WO 2004/104570 (13) A1

(21) PCT/US2004/011465

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/439,157 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENHANCED ACOUSTIC DETECTION
OF GAS LEAKS IN UNDERGROUND
GAS PIPELINES

• DETECTION ACOUSTIQUE DE
FUITES DE GAZ AMELIOREE DANS
DES CONDUITES DE GAZ SOUTER-
RAINES

(71) GAS TECHNOLOGY INSTITUTE
[US/US]; 1700 South Mount Prospect Road,
Des Plaines, IL 60018 (US).

(72) HUEBLER, James, Emerson; 8732 Wash-
ington Avenue, Brookfield, IL 60513-1424
(US). ZIOLKOWSKI, Christopher, John;
649 Sunnyside Avenue, Elmhurst, IL 60126-
4235 (US).

(74) FEJER, Mark, E.; Gas Technology Insti-
tute, 1700 South Mount Prospect Road, Des
Plaines, IL 60018 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 30/72, 30/86

(11) WO 2004/104571 (13) A1

(21) PCT/EP2004/005472

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 24 148.5 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR GC/MS-
SCREENING ANALYSIS

• PROCEDE ET DISPOSITIF
D'ANALYSE PAR CRIBLAGE GC/MS

(71) IMAT-UVE GMBH [DE/DE]; Krefelder
Str. 679-689, 41066 Mönchengladbach (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHLEGELMILCH, Hans-Pe-
ter [DE/DE]; Pollerbaumchen 1, 41169
Mönchengladbach (DE). MÜLLER,
Hans-Willi [DE/DE]; Brentanostr. 3, 41352
Korschenbroich (DE).

(74) KNAUER, Joachim; Sparing, Röhl,
Henseler, Rethelstr. 123, 40237 Düssel-
dorf (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 31/22, A61L 2/28

(11) WO 2004/104572 (13) A1

(21) PCT/EP2004/005444

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) MO2003A000150 22 May/mai 2003 IT
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STERILITY INDICATING SYSTEMS

• SYSTEMES D'INDICATION DE STERI-
LITE

(71) SARONG SOCIETA'PER AZIONI
[IT/IT]; Via Colombo, 18, I-42046 Reg-
giolo (RE) (IT).

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

(72, 75) BARTOLI, Andrea [IT/IT]; Via Vi-
tor Hugo, 23, I-42100 Reggio Emilia (IT).
TURCI, Luca [IT/IT]; Strada Statale Motta,
101, I-41012 Carpi (MO) (IT).

(74) LUPPI, Luigi; Luppi & Associati S.R.L.,
Via Borromei, 1/A, I-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 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).

Published / Publiée : (c)

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 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)

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

(u) for / pour US only / seulement

(51)⁷ G01N 31/22, 21/78

(11) WO 2004/104573 (13) A1

(21) PCT/JP2004/007043

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

- (30) 2003-142520 **20 May/mai 2003** JP
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INDICATOR COMPOSITION
• COMPOSITION TEMOIN
- (71) SAKURA COLOR PRODUCTS CORPORATION [JP/JP]; 10-17, Nakamichi 1-chome, Higashinari-ku, Osaka-shi, Osaka, 5370025 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) INOUE, Hiroshi [JP/JP]; c/o SAKURA COLOR PRODUCTS CORPORATION, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka, 5408508 (JP). YAMAGUCHI, Norihiro [JP/JP]; c/o SAKURA COLOR PRODUCTS CORPORATION, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka, 5408508 (JP). SANO, Kyoko [JP/JP]; c/o SAKURA COLOR PRODUCTS CORPORATION, 6-20, Morinomiya-chuo 1-chome, Chuo-ku, Osaka-shi, Osaka, 5408508 (JP).
- (74) MIYAZAKI, Tadaaki; Miyazaki International Patent Attorneys Office, Facade Esaka Building, 23-43, Esaka-cho, 1-chome, Suita-shi, Osaka, 5640063 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 33/48
- (11) WO 2004/104574 (13) A2
- (21) PCT/EP2004/005020
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 03011702.2 **23 May/mai 2003** EP
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH C-C CHEMOKINE RECEPTOR TYPE 7 (CCR7)
• AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES AU RECEPTEUR DE CHIMIOKINE C-C DE TYPE 7 (CCR7)
- (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).
- (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 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 33/48, C12Q 1/68, A61P 1/00, 3/00, 35/00, G01N 33/68
- (11) WO 2004/104575 (13) A2
- (21) PCT/EP2004/005021
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 03011704.8 **23 May/mai 2003** EP
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH X-PROLYL AMINOPEPTIDASE 2 (XPNPEP2)
• AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES A X-PROLYL AMINOPEPTIDASE 2 (XPNPEP2)
- (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 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 G01N 33/50, 33/68
- (11) WO 2004/104577 (13) A2
- (21) PCT/EP2004/005070
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 03011480.5 **21 May/mai 2003** EP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH 5-HYDROXYTRYPTAMINE (SEROTONIN) RECEPTOR 4 (5-HT4)
• APPROCHES DIAGNOSTIQUES ET THERAPEUTIQUES DES MALADIES ASSOCIEES AU RECEPTEUR 5-HYDROXYTRYPTAMINE 4 (5-HT4)(SEROTONINE)
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (51)⁷ G01N 33/497, 1/24, 1/00
- (11) WO 2004/104576 (13) A1
- (21) PCT/EP2004/005191
- (22) 15 May/mai 2004 (15.05.2004)
- (25) de (26) de
- (30) 103 23 441.1 **23 May/mai 2003** DE
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DEVICE FOR CONVEYING A FLUID VOLUME, DEVICE AND METHOD FOR THE ANALYSIS THEREOF
• DISPOSITIF PERMETTANT DE TRANSPORTER UN VOLUME DE FLUIDE, ET APPAREIL ET PROCÉDE PERMETTANT D'ANALYSER CE VOLUME DE FLUIDE
- (71) SENSATRONIC GMBH [DE/DE]; Alter Holzhafen 19, 23966 Wismar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWARZ, Jens [DE/DE]; Uferweg 8, 23968 Wismar (DE). LINDNER, Bernd [DE/DE]; Tannenweg 5, 23626 Ratekau (DE).
- (74) TEIPEL, Dr. Stephan et al. / etc.; LED-ERER & KELLER, Prinzregentenstrasse 16, 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 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 G01N 33/50, 33/68
- (11) WO 2004/104577 (13) A2
- (21) PCT/EP2004/005070
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 03011480.5 **21 May/mai 2003** EP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH 5-HYDROXYTRYPTAMINE (SEROTONIN) RECEPTOR 4 (5-HT4)
• APPROCHES DIAGNOSTIQUES ET THERAPEUTIQUES DES MALADIES ASSOCIEES AU RECEPTEUR 5-HYDROXYTRYPTAMINE 4 (5-HT4)(SEROTONINE)
- (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).

(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 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 33/50, 33/15, C12N 1/02**

(11) **WO 2004/104578** (13) A1

(21) PCT/JP2004/005747

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) ja (26) ja

(30) 2003-120630 **24 Apr/avr 2003 (24.04.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF SCREENING INHIBITOR BY USING INDUCTION OF INTERLEUKIN 18 PRODUCTION BY KERATINOCYTE, METHOD OF INDUCING ATOPIC DERMATITIS-LIKE SYMPTOM AND UTILIZATION OF THE SAME

• METHODE DE CRIBLAGE D'INHIBITEUR PAR INDUCTION DE LA PRODUCTION D'INTERLEUKINE 18 PAR LES KERATINOCYTES, METHODE D'INDUCTION DU SYMPTOME SIMILAIRE A LA DERMATITE ATOPIQUE ET SON UTILISATION

(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) **NAKANISHI, Kenji** MIZUTANI, Hitoshi TSUTSUI, Hiroko

(74) **HARA, Kenzo**; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka (JP).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 2004/104579** (13) A1

(21) PCT/FR2004/050194

(22) **14 May/mai 2004 (14.05.2004)**

(25) fr (26) fr

(30) 03/50160 **20 May/mai 2003 (20.05.2003)** FR

(30) 03/50167 **22 May/mai 2003 (22.05.2003)** FR

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE DETECTION OF FLUORIDE OR HYDROGEN FLUORIDE AND DETECTION KIT

• PROCEDE DE DETECTION DE FLUORURE OU DE FLUORURE D'HYDROGENE ET TROUSSE DE DETECTION

(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) **EZAN, Eric** [FR/FR]; 16, rue Victor Hugo, F-92240 MALAKOFF (FR). **SAGOT, Marie-Astrid** [FR/FR]; 4 impasse des pavillons - Boischambault, F-91150 ABBEVILLE LA RIVIERE (FR). **PRADELLES, Philippe** [FR/FR]; 30 rue Lausanne, F-91140 VILLEBON SUR YVETTE (FR).

(74) **LEHU, Jean**; 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 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 **G01N 33/53, 33/543, B01J 19/00**

(11) **WO 2004/104580** (13) A1

(21) PCT/FR2004/050195

(22) **17 May/mai 2004 (17.05.2004)**

(25) fr (26) fr

(30) 0350166 **21 May/mai 2003 (21.05.2003)** FR

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHODS FOR COUPLING/ UNCOUPLING A TARGET OR AN OBJECT PRESENT IN A SAMPLE

• DISPOSITIF ET PROCEDES D'ACCROCHAGE/DECROCHAGE D'UNE CIBLE OU D'UN OBJET PRESENT DANS UN ECHANTILLON

(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) **ESCOFFIER, Céline** [FR/FR]; 4, rue Turgot, F-21000 Dijon (FR). **MARCHAND, Gilles** [FR/FR]; 1, rue Traversine, F-38350 LA MURE D'ISERE (FR). **REVOL-CAVALIER, Frédéric** [FR/FR]; 11, rue de la Saulne, F-38180 SEYSSINS (FR). **VINET, Françoise** [FR/FR]; 22, boulevard Edouard Rey, F-38000 GRENOBLE (FR).

(74) **LEHU, Jean**; 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 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 **G01N 33/53**

(11) **WO 2004/104581** (13) A1

(21) PCT/JP2003/014853

(22) **20 Nov/nov 2003 (20.11.2003)**

(25) ja (26) ja

(30) 2003-146899 **23 May/mai 2003 (23.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF DETERMINING EFFICACY OF ANTICANCER DRUG AND DETERMINATION KIT THEREFOR

• PROCEDE DE DETERMINATION DE L'EFFICACITE D'UN MEDICAMENT ANTICANCEREUX ET KIT DE DETERMINATION DESTINE A CET EFFET

(71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
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(72, 75) **KATO, Jun-ya** [JP/JP]; 28-401, 5-1-3, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP). **TOMODA, Kiichiro** [JP/JP]; 5-25-302, Akebono-cho, Daito-shi, Osaka 574-0076 (JP). **KATO, Noriko** [JP/JP]; 28-401, 5-1-3, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP).

(74) **HARA, Kenzo**; Harakenzo Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) CA US.

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(51)⁷ G01N 33/53, 33/50

(11) WO 2004/104582 (13) A1

(21) PCT/JP2003/014873

(22) 21 Nov/nov 2003 (21.11.2003)

(25) ja (26) ja

(30) 2003-146069 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF MEASURING DNA METHYLATION RATIO

• PROCEDE DE MESURE DU TAUX DE METHYLATION DE L'ADN

(71, 72) YAMAKAWA, Naomi [JP/JP]; 3-203, Acty-Kawagoe, 38-1, Sankou-cho, Kawagoe, Saitama 350-0065 (JP).

(81) CA US.

(51)⁷ G01N 33/53, 33/566

(11) WO 2004/104583 (13) A1

(21) PCT/JP2004/007238

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143932 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF ANALYZING PHYSIOLOGICAL FUNCTION OF TARGET SUBSTANCE

• METHODE D'ANALYSE DE LA FONCTION PHYSIOLOGIQUE D'UNE SUBSTANCE CIBLE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama, 3320012 (JP). 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) NAGAI, Takeharu [JP/JP]; Sezar-Tokiwadai 102, 5-20-5, Maeno-cho, Itabashi-ku, Tokyo, 1740063 (JP). MIYAWAKI, Atsushi [JP/JP]; Gurandohiruzu 103, 2-2-10, Maruyamada, Wako-shi, Saitama, 3510112 (JP).

(74) KOBAYASHI, Hiroshi; c/o ABE, IKUBO & KATAYAMA, Fukuoka Bldg. 9th Floor, 8-7, Yaesu 2-chome, Chuo-ku, Tokyo, 104-0028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 33/53, 35/02, 37/00, C12N 15/00, C12Q 1/68

(11) WO 2004/104584 (13) A1

(21) PCT/JP2004/007450

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-147685 26 May/mai 2003 JP
(26.05.2003)(30) 2004-070813 12 Mar/mar 2004 JP
(12.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF TESTING BIO-RELATED SUBSTANCE, FLUID TRANSFER APPARATUS THEREFOR AND METHOD OF FLUID TRANSFER

• PROCEDE POUR TESTER DES SUBSTANCES APPARENTEES A LA BIOLOGIE, APPAREIL ET PROCEDE DE TRANSFERT FLUIDIQUE ASSOCIES

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).

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

(72, 75) MISHIMA, Shuzo [JP/JP]; FUKUOKA, Morinao [JP/JP]; TAKAHASHI, Kenji [JP/JP]; SHIBAZAKI, Takami [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 33/53, 21/17, C12Q 1/00

(11) WO 2004/104585 (13) A1

(21) PCT/SE2004/000761

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0301470-1 20 May/mai 2003 SE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLYMERIC MICROARRAY SUPPORT, METHOD OF FORMING MICROFEATURES AND ON OPTICAL ASSAY ARRANGEMENT

• SUPPORT DE MICROMATRICES POLYMERES, PROCEDE DE FORMATION

DE MICRODISPOSITIFS ET AGENCEMENT DE TEST OPTIQUE

(71) ÅMIC AB [SE/SE]; Uppsala Science Park, S-751 83 Uppsala (SE).

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

(72, 75) LINDSTRÖM, Tomas [SE/SE]; Gärdesvägen 25B, S-756 51 Uppsala (SE). ÖHMAN, Ove [SE/SE]; Asplunda 1, Uppsala-Näs, S-755 91 Uppsala (SE).

(74) BERGENSTRÄHLE & LINDVALL AB; Karin Säfsten, et al, Box 17704, S-119 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 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) G01N 33/53

(11) WO 2004/104586 (13) A1

(21) PCT/US2004/015097

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,039 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ALLERGEN TEST DEVICES AND METHODS FOR THEIR USE

• DISPOSITIFS DE TESTS ALLERGENES ET PROCEDES D'UTILISATION ASSOCIES

(71) CIPHERGEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, California 94555 (US).

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

(72, 75) BOSCHETTI, Egisto [FR/FR]; 11, rue de la Cote a Belier, F-78290 Crossy sur Seine (FR). LOMAS, Lee, O. [CA/US]; 2848 El Capitan Drive, Pleasanton, CA 94566 (US).

(74) SCHELLING, Donald L. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01N 33/53, C12Q 1/68

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(21) PCT/US2004/015855

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,986 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS OF IDENTIFYING MODULATORS OF HUMAN RETROVIRUS REPLICATION

• PROCEDES D'IDENTIFICATION DE MODULATEURS DE LA REPLICATION DE RETROVIRUS HUMAINS

(71) IRM LLC [US/US]; P.O. Box 2899, HMLX Hamilton (BM).

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

(72, 75) CHAO, Sheng-Hao [—/US]; 8580 New Salem St. #35, San Diego, CA 92126 (US). CALDWELL, Jeremy, S. [US/US]; 2031 Edinburg Avenue, Cardiff, CA 92007 (US).

(74) LOCKYER, Jean, M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/532, 33/533, 33/534, 33/535, C07K 19/00, 14/705

(11) WO 2004/104588 (13) A1

(21) PCT/IB2004/001733

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03405364.5 23 May/mai 2003 EP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS FOR PROTEIN LABELING BASED ON ACYL CARRIER PROTEIN

• PROCEDES DE MARQUAGE DE PROTEINES BASES SUR DES PROTEINES TRANSPORTEUSES D'ACYLES

(71) EPFL - ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE [CH/CH]; CM - Ecublens, CH-1015 Lausanne (CH).

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(72, 75) JOHNSON, Kai [DE/CH]; Rue du Midi 20, CH-1003 Lausanne (CH). GEORGE, Nathalie [CH/CH]; Av. de Corsier 15, CH-1800 Vevey (CH).

(74) BECKER, Konrad; Aeschenvorstadt 24, Postfach 318, CH-4010 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 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 G01N 33/543, 33/50

(11) WO 2004/104589 (13) A1

(21) PCT/DE2004/000979

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) 103 23 096.3 16 May/mai 2003 DE (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ANALYZING THE INFLUENCE OF AN ACTIVE SUBSTANCE ON BIOLOGICAL CELLS

• PROCEDE D'ANALYSE DE L'INFLUENCE D'UN PRINCIPE ACTIF SUR DES CELLULES BIOLOGIQUES

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

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(72, 75) ARNDT, Frank [DE/DE]; Goethepark 11, 10627 Berlin (DE). RÖNSCH, Hendrik [DE/DE]; Markgraf-Albrecht-Str. 5, 10711 Berlin (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 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 G01N 33/543

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(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 22 701.6 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SAMPLE CARRIER BASED ON A POROUS FILM WITH METAL OXIDE PARTICLES, THE PRODUCTION AND UTILIZATION THEREOF, ESPECIALLY FOR SELECTIVE DETECTION OF PHOSPHORYLATED/SULPHATIZED BIOPOLYMERS

• PORTE-ECHANTILLONS A BASE D'UN FILM POREUX CONTENANT DES PARTICULES D'OXYDE METALLIQUE, FABRICATION ET UTILISATION ASSOCIEES, NOTAMMENT POUR DECELER LA PRESENCE SELECTIVE DE BIOPOLYMERES PHOSPHORYLES/SULFATES

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(72, 75) MORITZ, Thomas [DE/DE]; Leibnizstrasse 58, 10629 Berlin (DE). LINSCHIED, Michael [DE/DE]; Lipaer Strasse 12 a, 12203 Berlin (DE).

(74) BOEHMERT & BOEHMERT; Hollerallee 32, 28290 Bremen (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 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 G01N 33/573, 33/50, C07K 14/705

(11) WO 2004/104591 (13) A2

(21) PCT/EP2004/005408

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,735 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENTS TO $\gamma\delta$ T CELL-MEDIATED THERAPY

- AMELIORATIONS APPORTEES A UNE THERAPIE INDUITE PAR DES LYMPHOCYTES T GAMMA-DELTA

(71) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cédex 13 (FR).

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(72, 75) CHAMPAGNE, Eric [FR/FR]; 7, Rue de la Gravette, F-31300 Toulouse (FR). BARBARAS, Ronald [FR/FR]; 10, Impasse Ramiers, F-31700 Beauzelle (FR). BONNEVILLE, Marc [FR/FR]; 60, route de la Massonière, F-44120 Vertou (FR). SCOTET, Emmanuel [FR/FR]; 20, rue des Garennes, F-44100 Nantes (FR).

(74) GALLOIS, Valérie et al. / etc.; Becker et Associés, 35, rue des Mathurins, 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/574, 33/536

(11) WO 2004/104592 (13) A1

(21) PCT/EP2004/005589

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03011159.5 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF PROTEIN MASP AS A MARKER FOR COLORECTAL CANCER

- UTILISATION DE LA PROTEINE MASP EN TANT QUE MARQUEUR POUR LE CANCER COLORECTAL

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

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Penzberg (DE). ROESSLER, Markus [DE/DE]; Eichenstrasse 9a, 82110 Germering (DE). ROLLINGER, Wolfgang [DE/DE]; Kaiser-Heinrich-Strasse 10, 82398 Polling (DE). TACKE, Michael [DE/DE]; Hansastrasse 110, 81373 Muenchen (DE). ZOLG, Werner [DE/DE]; Sportplatzweg 4A, 82362 Weilheim (DE).

(74) ROCHE DIAGNOSTICS GMBH; c/o Naser, W., 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 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 G01N 33/574, 33/536

(11) WO 2004/104593 (13) A1

(21) PCT/EP2004/005598

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 03011158.7 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USE OF PROTEIN MASP AS A MARKER FOR COLORECTAL CANCER

- UTILISATION DE LA PROTEINE MASP EN TANT QUE MARQUEUR POUR LE CANCER COLORECTAL

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

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(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

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(72, 75) BERNDT, Peter [DE/CH]; Mittlere Strasse 138, CH-4056 Basel (CH). HAGMANN, Marie-luise [DE/DE]; Saalangerstrasse 42, 82377 Penzberg (DE). LANGEN, Hanno [DE/DE]; Im Wolfischbuehl 27/4, 79585 Steinen (DE). PALME, Stefan [DE/DE]; Hochfeldstrasse 19, 82377 Penzberg (DE). ROESSLER, Markus [DE/DE]; Eichenstrasse 9a, 82110 Germering (DE). ROLLINGER, Wolfgang [DE/DE]; Kaiser-Heinrich-Strasse 10, 82398 Polling (DE). TACKE, Michael [DE/DE]; Hansastrasse 110, 81373 München (DE). ZOLG, Werner [DE/DE]; Sportplatzweg 4A, 82362 Weilheim (DE).

(74) ROCHE DIAGNOSTICS GMBH; c/o Dr. W. Naser, 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 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 33/58

(11) WO 2004/104594 (13) A2

(21) PCT/GB2004/002218

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311948.4 23 May/mai 2003 GB (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHT EMITTING PROBES

- SONDES LUMINESCENTES

(71) ANMAT TECHNOLOGY LIMITED [GB/GB]; Saddleworth Business Centre, Huddersfield Road, Delph, Oldham OL3 5DF (GB).

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(72, 75) AOJULA, Harmesh, Singh [GB/GB]; The Old Dutch Barn, Doctor Lane, Scouthead, Saddleworth, Oldham OL4 4AD (GB). CLARKE, David [GB/GB]; 6 Fields Drive, Sandbach, Cheshire CW11 1YB (GB). OFFERMAN, Shaun [GB/GB]; 53 Kensington Avenue, Royton, Oldham OL2 5XZ (GB).

(74) DEAN, John, Paul 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 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 33/68

(11) WO 2004/104595 (13) A2

(21) PCT/EP2004/004964

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 03011593.5 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH X-PRO DIPEPTIDASE (PEPD)

- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES A LA X-PRO DI-PEPTIDASE (PEPD)
- (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).
- (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 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 **G01N 33/68**
- (11) **WO 2004/104597** (13) A1
- (21) PCT/EP2004/050684
- (22) **3 May/mai 2004 (03.05.2004)**
- (25) en (26) en
- (30) 03447120.1 **22 May/mai 2003** EP
(22.05.2003)
- (30) 60/477,621 **11 Jun/juin 2003** US
(11.06.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR THE PREDICTION, DIAGNOSIS AND DIFFERENTIAL DIAGNOSIS OF ALZHEIMER'S DISEASE
- PROCEDE DE PREDICTION, DIAGNOSTIC ET DIAGNOSTIC DIFFERENTIEL DE LA MALADIE D'ALZHEIMER
- (71) **INNOGENETICS N.V.** [BE/BE]; Technologiepark 6, B-9052 Ghent (BE).
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- (72, 75) **VANDERSTICHELE, Hugo** [BE/BE]; Tuinwijklaan 43, B-9000 Ghent (BE). **VANMECHELEN, Eugene** [BE/BE]; Ten Edestraat 101, B-9810 Nazareth - Eke (BE). **BLENNOW, Kaj** [SE/SE]; Klyvagsgatan 1, S-416 79 Göteborg (SE). **DE MEYER, Geert** [BE/BE]; Lousbergskaaai 119, B-9000 Ghent (BE). **KOSTANJEVECKI, Vesna** [BE/BE]; Belgiëlaan 20, B-9051 Sint Denijs-Westrem (BE).
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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).
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- (51)⁷ **G01N 33/68, C07K 14/705**
- (11) **WO 2004/104596** (13) A2
- (21) PCT/EP2004/004965
- (22) **10 May/mai 2004 (10.05.2004)**
- (25) en (26) en
- (30) 03011592.7 **22 May/mai 2003** EP
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH IGS70 (IGS70)
- AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES A IGS70 (IGS70)
- (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). **SUMMER, Holger** [DE/DE]; Borsigstr. 6, 42113 Wuppertal (DE). **THIELE, Ralf** [DE/DE]; Ebbinghauser Str. 13, 33178 Borcheln (DE).
- (74) **BAYER HEALTHCARE AG**; 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 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 **G01N 33/68, C12P 21/02, C12N 5/10, C12Q 1/68, A61K 31/404**
- (11) **WO 2004/104598** (13) A1
- (21) PCT/KR2004/001242
- (22) **25 May/mai 2004 (25.05.2004)**
- (25) en (26) en
- (30) 10-2003-0033308 **26 May/mai 2003** KR
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIAGNOSTIC KIT FOR LIVER CIRRHOSIS COMPRING AN ANTIBODY
- SPECIFIC FOR HUMAN PROTOONCOGENIC PROTEIN
- TROUSSE DE DIAGNOSTIC POUR LA CIRRHOSE DU FOIE COMPRENANT UN ANTICORPS SPECIFIQUE D'UNE PROTEINE PROTO-ONCOGENE HUMAINE
- (71, 72) **KIM, Jin-Woo** [KR/KR]; 118-804 Sin-Hyundai Apt., 434 Apgujeong-dong, Gangnam-gu, Seoul 135-976 (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 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 **G01R**
- (11) **WO 2004/104599** (13) A2
- (21) PCT/US2004/013214
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) en (26) en
- (30) 60/471,414 **16 May/mai 2003** US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CLEANING METHOD FOR NMR CHECK WEIGHING SYSTEM
- PROCEDE DE NETTOYAGE POUR SYSTEME DE PESEE DE CONTROLE A RESONANCE MAGNETIQUE NUCLEAIRE
- (71) **THE BOC GROUP, INC.** [US/US]; 575 Mountain Avenue, Building 4 South, Murray Hill, NJ 07974 (US).
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- (72, 75) **CORVER, Jozef A. W. M.** [NL/NL]; Weverstraat 4, NL-5671 BC Nuenen (NL).
- (74) **ZEBRAK, Ira L.**; The BOC Group, Inc., 575 Mountain Avenue, Building 4 South, Murray Hill, NJ 07974 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01R

(11) WO 2004/104600 (13) A2

(21) PCT/US2004/013215

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/471,232 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NMR MEASURING SYSTEM FOR WEIGHT AND HUMIDITY OF POWDERS

• SYSTEME DE MESURE A RESONANCE MAGNETIQUE NUCLEAIRE DU POIDS ET DE L'HUMIDITE DE POUDRES

(71) THE BOC GROUP, INC. [US/US]; 575 Mountain Avenue, Building 4 South, Murray Hill, NJ 07974 (US).

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(74) ZEBRAK, Ira, L.; The BOC Group, Inc., 575 Mountain Avenue, Building 4 South, Murray Hill, NJ 07974 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01R

(11) WO 2004/104601 (13) A2

(21) PCT/US2004/013705

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/471,125 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NMR MEASURING SYSTEM

• SYSTEME DE MESURE A RESONANCE MAGNETIQUE NUCLEAIRE (RMN)

(71) THE BOC GROUP, INC. [US/US]; 575 Mountain Avenue, Building 4 South, Murray Hill, NJ 07974 (US).

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

(72, 75) CORVER, Jozef, A., W., M. [NL/NL]; Weverstraat 4, NL-5671 BC Nuenen (NL).

STEWART, Paul [US/US]; 651 Lake Road, Youngstown, NY 14174-1038 (US).

(74) ZEBRAK, Ira, L.; The BOC Group, Inc., 575 Mountain Avenue, Building 4 South, Murray Hill, NJ 07974 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G01R

(11) WO 2004/104602 (13) A2

(21) PCT/US2004/016028

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,080 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REDUCED DIVERGENCE ELECTROMAGNETIC FIELD CONFIGURATION

• CONFIGURATION DE CHAMP ELECTROMAGNETIQUE A DIVERGENCE REDUITE

(71, 72) REIFFEL, Leonard [US/US]; 602 Deming Place, Chicago, IL 60614 (US).

(74) HALLIHAN, William, J.; Hallihan Intellectual Property Law, Ltd., Suite 2080, 125 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 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 G01R 25/00, 23/20

(11) WO 2004/104603 (13) A1

(21) PCT/JP2004/007125

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-145974 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHASE MEASUREMENT DEVICE, METHOD, PROGRAM, AND RECORDING MEDIUM

• DISPOSITIF DE MESURE DE PHASE, PROCÉDE, PROGRAMME ET SUPPORT D'ENREGISTREMENT

(71) ADVANTEST Corporation [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).

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(72, 75) NAKADA, Juichi [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 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 G01R 31/00, G07C 5/00

(11) WO 2004/104604 (13) A1

(21) PCT/EP2004/004043

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 23 384.9 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIAGNOSTIC SYSTEM

• SYSTEME DE DIAGNOSTIC

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplerstrasse 225, 70567 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGEL, Michael [DE/DE]; Hintere Strasse 20, 71229 Leonberg (DE). KEEFER, Ralf [DE/DE]; Rosenstrasse 28, 71384 Weinstadt (DE). KOLSTER, Heinrich [DE/DE]; Reutlinger Strasse 56, 73728 Esslingen (DE). MÜLLER, Michael [DE/DE]; Kornblumenweg 38, 70374 Stuttgart (DE). TEUFEL, Ulrich [DE/DE]; Mösich 22, 72622 Nürtingen (DE).

(74) ESCHBACH, Arnold; 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 PL PT 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 2004/104605** (13) A1

(21) PCT/JP2004/006935

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-143727 **21 May/mai 2003** JP
(21.05.2003)

(30) 2003-143726 **21 May/mai 2003** JP
(21.05.2003)

(30) 2004-051740 **26 Feb/fév 2004** JP
(26.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CURRENT MEASUREMENT DEVICE
AND TEST DEVICE

• DISPOSITIF DE MESURE DE COU-
RANT ET DISPOSITIF D'ESSAI

(71) **ADVANTEST CORPORATION** [JP/JP];
1-32-1, Asahi-cho, Nerima-ku, Tokyo,
1790071 (JP).

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les États désignés sauf US)*

(72, 75) **HASHIMOTO, Yoshihiro** [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 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 **G01R 31/28**

(11) **WO 2004/104606** (13) A1

(21) PCT/JP2004/006934

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-143726 **21 May/mai 2003** JP
(21.05.2003)

(30) 2004-051740 **26 Feb/fév 2004** JP
(26.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER SOURCE DEVICE, TEST DE-
VICE, AND POWER SOURCE VOLT-
AGE STABILIZING DEVICE

• DISPOSITIF D'ALIMENTATION EN
ENERGIE, DISPOSITIF D'ESSAI ET
DISPOSITIF DE STABILISATION DE
LA TENSION D'ALIMENTATION EN
ENERGIE

(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) **HASHIMOTO, Yoshihiro** [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 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 **G01R 31/317**

(11) **WO 2004/104607** (13) A1

(21) PCT/JP2004/006936

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-143725 **21 May/mai 2003** JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEST APPARATUS AND TEST MOD-
ULE

• APPAREIL DE TEST ET MODULE DE
TEST

(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) **WASHIZU, Nobuei** [JP/JP]; c/o AD-
VANTEST 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 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 **G01R 31/3183**

(11) **WO 2004/104608** (13) A1

(21) PCT/IB2004/050749

(22) **19 May/mai 2004 (19.05.2004)**

(25) en

(26) en

(30) 03076585.3 **23 May/mai 2003** EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC TEST PATTERN GENER-
ATION

• GENERATION AUTOMATIQUE DE SE-
QUENCES DE TESTS

(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) **MARINISSEN, Erik, J.** [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). **VERMEULEN, Hubertus, G., H.**
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). **HOLLMANN, Hen-
drik, D., L.** [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) **ELEVELD, Koop, 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 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).

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 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 **G01R 31/3183**

(11) **WO 2004/104609** (13) A1

(21) PCT/IB2004/050751

(22) **19 May/mai 2004 (19.05.2004)**

(25) en

(26) en

(30) 03076586.1 **23 May/mai 2003** EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC TEST PATTERN GENER-
ATION

• GENERATION AUTOMATIQUE DE SE-
QUENCES DE TESTS

(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) **MARINISSEN, Erik, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VERMEULEN, Hubertus, G., H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOLLMANN, Hendrik, D., L.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ELEVELD, Koop, 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 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).

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 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 **G01R 33/20**

(11) **WO 2004/104610** (13) A2

(21) PCT/US2004/015256

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,290 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **OPTIMAL MAGNETIC RESONANCE DATA ACQUISITION**

• **ACQUISITION OPTIMALE DE DONNEES DE RESONANCE MAGNETIQUE**

(71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106-7219 (US).

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(72, 75) **DALE, Brian, M.** [US/US]; 20700 Crystal Avenue, Euclid, OH (US). **DUERK, Jeffrey, L.** [US/US]; 519 Rockwood Court, Avon Lake, OH 44012 (US). **LEWIN, Jonathan, S.** [US/US]; 24604 Letchworth Road, Beachwood, OH 44122 (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 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 **G01R 33/28**

(11) **WO 2004/104611** (13) A2

(21) PCT/US2004/014128

(22) **5 May/mai 2004 (05.05.2004)**

(25) en (26) en

(30) 60/468,172 **5 May/mai 2003 US (05.05.2003)**

(30) 60/468,173 **5 May/mai 2003 US (05.05.2003)**

(30) 60/468,177 **5 May/mai 2003 US (05.05.2003)**

(30) 60/483,219 **27 Jun/juin 2003 US (27.06.2003)**

(30) 60/485,823 **8 Jul/juil 2003 US (08.07.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MRI PROBE DESIGN AND TRACKING, AND EFFICIENT MRI RECONSTRUCTION AND DEBLURRING**

• **CONCEPTION ET SUIVI D'UNE SONDE POUR IRM, ET RECONSTRUCTION ET CORRECTION EFFICACES D'IMAGES BROUILLEES D'IRM**

(71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106-7219 (US).

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(72, 75) **WONG, Eddy, Y.** [US/US]; 2235 Overlock Road, #311, Cleveland Heights, OH 44106 (US). **HILLENBRAND, Claudia, M.** [US/US]; 3065 Yorkshire Road, Cleveland Heights, OH (US). **LEWIN, Jonathan, S.** [US/US]; 24604 Letchworth Road, Beachwood, OH 44122 (US). **DUERK, Jeffrey, L.** [US/US]; 519 Rockwood Court, Avon Lake, OH 44012 (US). **ELGORT, Daniel, R.** [US/US]; 2193 Bellfield Avenue, Cleveland Heights, OH (US). **FLASK, Chris** [US/US]; 32115 Augusta Drive, Avon Lake, OH (US). **WACKER, Frank, K.** [DE/US]; 2640 W. St. James Parkway, Cleveland Heights, OH (US). **DALE, Brian, M.** [US/US]; 20700 Crystal Avenue, Euclid, OH (US). **MORIGUCHI, Hisamoto** [JP/US]; 11456 Mayfield Road #1257, Cleveland, OH 44106 (US).

(74) **GORDON, Edward, A., 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 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 **G01R 33/383, A61B 5/055**

(11) **WO 2004/104612** (13) A1

(21) PCT/EP2004/005512

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 03136673.2 **23 May/mai 2003 CN (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MAGNETIC FIELD GENERATING SYSTEM APPLICABLE TO NUCLEAR MAGNETIC RESONANCE DEVICE**

• **SYSTEME GENERANT UN CHAMP MAGNETIQUE APPLICABLE A UN DISPOSITIF A RESONANCE MAGNETIQUE NUCLEAIRE**

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

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(72, 75) **NI, Cheng** [CN/CN]; Flat 401, Block 17, Area 36, 3, Wen Hua Road, Shenzhen 518057 (CN). **XUE, Ting Qiang** [CN/CN]; 17-11A Wei Lan Hai An, Hou Hai Ave. Nan Shan District, Shenzhen 518054 (CN).

(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 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).

Published / Publiée : (c)

(51)⁷ **G01R 33/385**

(11) **WO 2004/104613** (13) A1

(21) PCT/IB2004/001507

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/472,024 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **DIGITAL MAGNETIC RESONANCE GRADIENT PRE-EMPHASIS**

• **PREACCENTUATION NUMERIQUE DE GRADIENT DE RESONANCE MAGNETIQUE**

(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) **MCBRIDE, Thomas, R.** [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o Lundin, Thomas, M., 595 Miner Road, Cleveland, OH 44143 (US).

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

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

(51)⁷ G01R 33/385

(11) **WO 2004/104614** (13) A1

(21) PCT/IB2004/050709

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 03101467.3 **22 May/mai 2003 EP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MAGNETIC RESONANCE IMAGING DEVICE WITH SOUND-ABSORBING MEANS**

• **DISPOSITIF D'IMAGERIE PAR RESONANCE MAGNETIQUE A MOYENS INSONORISANTS**

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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

(72, 75) **ROOZEN, Nicolaas, B.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KLEIHORST, Robert, P.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HAM, Cornelis, L., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LA GRANGE, Martijn, R.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WOLFS, Marc, J., 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 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).

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 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 G01R 33/3873

(11) **WO 2004/104615** (13) A1

(21) PCT/EP2004/005513

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 03 136 672.4 **23 May/mai 2003 CN (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **MRI MAGNET DEVICE WITH AXIALLY ADJUSTABLE ROSE SHIM RING**

• **DISPOSITIF MAGNETIQUE A IRM COMPORTANT UN ANNEAU DE COMPENSATION DE TYPE ROSE A AJUSTAGE AXIAL**

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

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

(72, 75) **NI, Cheng** [CN/CN]; Flat 401, Block 17, Area 36, 3 Wen Hua Road, Shenzhen 518057 (CN). **XUE, Ting Qiang** [CN/CN]; 17-11A Wei Lan Hai An, Hou Hai Ave. Nan Shan District, Shenzhen 518054 (CN).

(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 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 G01R 33/44

(11) **WO 2004/104616** (13) A1

(21) PCT/AU2004/000692

(22) **26 May/mai 2004 (26.05.2004)**

(25) en (26) en

(30) 2003902576 **26 May/mai 2003 AU (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD AND APPARATUS FOR IMPROVING THE DETECTION OF NUCLEAR QUADRUPOLE RESONANCE SIGNALS IN COHERENT NOISE**

• **PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LA DETECTION DE SIGNAUX DE RESONANCE NUCLEAIRE QUADRUPOLE DANS DU BRUIT COHERENT**

(71) **QR SCIENCES LIMITED** [AU/AU]; 8-10 Hamilton Street, Cannington, Western Australia 6107 (AU).

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

(72, 75) **RUDAKOV, Taras, Nikolaevitch** [AU/AU]; 7 Reen Street, St James, Western Australia 6102 (AU). **MIKHALTSEVITCH, Vassili, Timofeevitch** [AU/AU]; 15/1055 Albany Highway, St James, Western Australia 6102 (AU). **FLEXMAN, John, Harold** [AU/AU]; 11 Thomas Way, Kardinya, Western Australia 6163 (AU). **HAYES, Peter, Alaric** [AU/AU]; 14 Ken Street, Wembley Downs, Western Australia 6019 (AU). **CHISHOLM, Warrick, Paul** [AU/AU]; 2A Bursaria Crescent, Ferndale, Western Australia 6148 (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 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 G01R 33/48

(11) **WO 2004/104617** (13) A2

(21) PCT/US2004/016312

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,546 **21 May/mai 2003 US (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF PROVIDING NOISE CANCELLATION IN FMRI DATA**

• **PROCEDE PROCURANT UNE SUPPRESSION DU BRUIT DANS DES DONNEES IRMF**

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

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

(71, 72) **DALE, Anders, M.** [NO/US]; 1205 Coast Blvd. #E, La Jolla, CA 92037 (US).

(72, 75) GREVE, Douglas, Nowlin [US/US]; 14 Haskell Street, Cambridge, MA 02140 (US).

(74) DALY, Christopher, S. et al. / etc.; Suite 101|275 Turnpike Street, Canton, MA 02021 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G01S 1/00

(11) WO 2004/104618 (13) A1

(21) PCT/FI2004/050077

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 20035073 26 May/mai 2003 FI (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND A SYSTEM FOR POSITIONING, AND AN ELECTRONIC DEVICE

• PROCEDE ET SYSTEME DE LOCALISATION ET DISPOSITIF ELECTRONIQUE ASSOCIE

(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) HALIVAARA, Ismo [FI/FI]; Hallituskatu 23 C 46, FI-33200 Tampere (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FI-33720 Tampere (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 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).

Published / Publiée : (c)

(51)⁷ G01S 1/68, 1/70, 5/02, G08B 7/06

(11) WO 2004/104619 (13) A1

(21) PCT/US2004/015107

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,406 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMBINED LOCATING, TRACKING AND COMMUNICATIONS SYSTEM WITH ACTIVE RADIO FREQUENCY AND INFRARED ID TAGS

• SYSTEME COMBINE DE LOCALISATION, DE POURSUITE ET DE COMMUNICATIONS DOTE DE BALISES D'IDENTIFICATION ACTIVES A RADIOFREQUENCE ET INFRAROUGE

(71) HILL-ROM SERVICES, INC. [US/US]; 300 Delaware Avenue, Suite 530, Wilmington, DE 19801 (US).

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

(72, 75) WILDMAN, Timothy, D. [US/US]; 7034 State Road 229 North, Metamora, IN 47030 (US). COLLINS, Williams, F., Jr. [US/US]; 3511 Deerfield Place, Columbus, IN 47203 (US).

(74) NULL, Robert, D.; Bose, McKinney & Evans, LLP, 2700 First Indiana Plaza, 135 North Pennsylvania 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 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).

Published / Publiée : (c)

(51)⁷ G01S 3/46, 3/74

(11) WO 2004/104620 (13) A1

(21) PCT/JP2003/006411

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TECHNIQUE FOR ESTIMATING SIGNAL ARRIVAL DIRECTION NOT BY UTILIZING EIGENVALUE DECOMPOSITION AND RECEPTION BEAM SHAPER

• TECHNIQUE POUR ESTIMER LA DIRECTION D'ARRIVEE D'UN SIGNAL, SANS UTILISER LA DECOMPOSITION DE LA VALEUR PROPRE, ET MOYEN DE MISE EN FORME DE FAISCEAUX DE RECEPTION

(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) XIN, Jingmin [CN/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,

Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP US.

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

(51)⁷ G01S 5/10, H04Q 7/20

(11) WO 2004/104621 (13) A1

(21) PCT/AU2004/000698

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902613 26 May/mai 2003 AU (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELF SURVEYING RADIO LOCATION METHOD

• PROCEDE DE LOCALISATION PAR RADIO

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHARP, Ian [AU/AU]; Div of Telecommunications & Industrial Physics Services, PO Box 76, Epping, New South Wales 2121 (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 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 G01S 5/14, G06F 17/60

(11) WO 2004/104622 (13) A1

(21) PCT/DE2004/000874

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 21 561.1 14 May/mai 2003 DE (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CONTROLLING ON THE BASIS OF CASE BASED TRACKING FORECASTS

• PROCEDE DE COMMANDE SUR LA BASE DE PREVISIONS DE SUIVI BASEES SUR DES CAS

(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) **LEIBER, Thomas** [DE/DE]; Pützerstr. 25, 64287 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 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 **G01S 7/40, 7/292**

(11) **WO 2004/104623** (13) A1

(21) PCT/EP2004/050708

(22) **5 May/mai 2004 (05.05.2004)**

(25) de (26) de

(30) 103 23 639.2 **26 May/mai 2003 (26.05.2003)** DE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PARKING AID COMPRISING SUPPRESSION OF GROUND ECHOES OR INTERFERING ECHOES BY MEANS OF AN ADAPTIVE ADJUSTMENT OF THE RECEPTION CHARACTERISTICS
• DISPOSITIF AUXILIAIRE D'AIDE AU STATIONNEMENT AVEC SUPPRESSION DES ECHOS DE SOL ET ECHOS PARASITES A L'AIDE D'UNE ADAPTATION DE LA CARACTERISTIQUE DE RECEPTION

(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) **DANZ, Christian** [DE/DE]; Muehlstr. 16, 70469 Stuttgart (DE). **HERDER, Bjoern** [DE/DE]; Wilhelm-Busch-Str. 48a, 14612 Falkensee (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 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).

Published / Publiée : (c)

(51)⁷ **G01S 7/481, 17/87**

(11) **WO 2004/104624** (13) A1

(21) PCT/IL2004/000444

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 156125 **26 May/mai 2003 (26.05.2003)** IL

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-CHANNEL OPTICS

• SYSTEME OPTIQUE MULTICAN-NAUX

(71) **ELOP ELECTRO-OPTICS INDUSTRIES LTD.** [IL/IL]; P.O. Box 1165, Kiryat Weizmann, 76111 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VILENCHIK, Israel** [IL/IL]; 43 Gordon Street, 76287 Rehovot (IL). **FREIMAN, Dov** [IL/IL]; 46A HaHagana Street, 76232 Rehovot (IL). **COHEN, Moshe** [IL/IL]; 25 Halvona Street, 71700 Modi'in (IL).

(74) **KORAKH, Eliav**; Borochoy, Korakh, Eliezri & Co., P.O. Box 58100, Kiryat Atidim, 61580 Tel Aviv (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 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G01S 11/12, B60R 21/00**

(11) **WO 2004/104625** (13) A1

(21) PCT/ES2003/000238

(22) **22 May/mai 2003 (22.05.2003)**

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXTERNAL ENVIRONMENT-MONITORING CAMERA SYSTEM WHICH IS SUITABLE FOR A VEHICLE REAR-VIEW MIRROR

• SYSTEME DE CAMERA DESTINE A LA SURVEILLANCE D'UN ESPACE EXTERIEUR, POUVANT ETRE UTILISE SUR UN RETROVISEUR DE VEHICULE

(71) **FICO MIRRORS, SA** [ES/ES]; Gran Via Carles III, 98, E-08028 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAURA LUNA, Francesc** [ES/ES]; Taronger, 12, E-08192 Sant Quirze del Vallès (ES).

(74) **TORNER, LASALLE, Elisabet**; TORNER, JUNCOSA I ASSOCIATS, S.L., Agència de la Propietat Industrial, Bruc, 21, 1^a, 3^a, E-08010 Barcelona (ES).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/12, B60R 21/00, H04N 7/18**

(11) **WO 2004/104626** (13) A1

(21) PCT/ES2003/000240

(22) **22 May/mai 2003 (22.05.2003)**

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE-ACQUISITION MODULE WHICH IS INTENDED FOR MONITORING THE EXTERNAL ENVIRONMENT OF A VEHICLE

• MODULE D'ACQUISITION D'IMAGE DESTINE A LA SURVEILLANCE DE L'EXTERIEUR D'UN VEHICULE

(71) **FICO MIRRORS, SA** [ES/ES]; Gran Via Carles III, 98, E-08028 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIGUEL SANZ, Santiago** [ES/ES]; c/Sant Francesc Xavier, 22, E-08905 L'Hospitalet de Llobregat, Barcelona (ES). **BANDE MARTINEZ, Daniel** [ES/ES]; c/Constitució, 93, E-08014 Barcelona (ES).

(74) **TORNER, LASALLE, Elisabet et al.** / etc.; TORNER, JUNCOSA I ASSOCIATS, S.L., Agència de Propietat Industrial, Bruc, 21, 1^a, 3^a, E-8010 Barcelona (ES).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/02**

(11) **WO 2004/104627** (13) A1

(21) PCT/SE2003/001616

(22) **20 Oct/oct 2003 (20.10.2003)**

(25) en (26) en

(30) PCT/SE03/00833 **21 May/mai 2003 (21.05.2003)** SE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SELECTABLE RANGE LOBES USING WIDE-BAND ARRAY

• LOBES DE PORTEE POUVANT ETRE SELECTIONNEE METTANT EN OEUVRE UN RESEAU LARGE BANDE

(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) FALK, Kent [SE/SE]; Konsertvägen 29, S-435 44 Mölnlycke (SE).

(74) AROS PATENT AB; Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/02

(11) WO 2004/104628 (13) A1

(21) PCT/SE2003/000833

(22) 21 May/mai 2003 (21.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR UNAMBIGUOUS ANGLE RESOLUTION OF A SPARSE WIDE-BAND ANTENNA ARRAY

• PROCEDE ET SYSTEME DE RESOLUTION ANGULAIRE NON AMBIGUE D'UN RESEAU D'ANTENNE LARGE BANDE CLAIRSEME

(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) FALK, Kent, Olof [SE/SE]; Konsertvägen 29, S-435 44 Mölnlycke (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

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

/ modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01S 13/88, G01F 23/284, G01S 13/08

(11) WO 2004/104629 (13) A1

(21) PCT/CA2003/000757

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CABLE MECHANISM FOR A REMOTE MOUNTED RADAR-BASED LEVEL MEASUREMENT SYSTEM

• RESEAU DE CABLES POUR DISPOSITIF DE MESURES DES NIVEAUX PAR RADAR MONTE A DISTANCE

(71) SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC. [CA/CA]; 1954 Technology Drive, P.O. Box 4225, Peterborough, Ontario K9J 7B1 (CA).

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(72, 75) RIZVI, Asghar, M. [PK/CA]; A203, 240 Kings Street, Peterborough, Ontario (CA).

(74) VASS, William, B. et al. / etc.; Ridout & Maybee LLP, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

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

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

(51)⁷ G01S 13/90, 7/40

(11) WO 2004/104630 (13) A1

(21) PCT/GB2004/002208

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311646.4 21 May/mai 2003 GB (21.05.2003)

(30) 03253158.4 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ABSTRACT OF THE DISCLOSURE IMPROVEMENTS RELATING TO AN IMAGING APPARATUS AND METHOD

• AMELIORATIONS RELATIVES A UN APPAREIL IMAGEUR ET PROCEDE

(71) ASTRUM LIMITED [GB/GB]; Gunnels Wood Road, Stevenage, Hertfordshire SG1 2AS (GB).

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

(72, 75) HALL, Charles, David [GB/GB]; Astrum Limited, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2AS (GB). PRIESTLEY, David, Martin [GB/GB]; Astrum Limited, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2AS (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 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 G01S 13/93, 15/93, 15/10

(11) WO 2004/104631 (13) A1

(21) PCT/EP2004/050514

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 10323144.7 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR DETECTING OBJECTS IN A MOTOR VEHICLE ENVIRONMENT

• PROCEDE ET DISPOSITIF POUR DETECTER DES OBJETS DANS L'ENVIRONNEMENT D'UN VEHICULE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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

(72, 75) DANZ, Christian [DE/DE]; Muchlstr. 16, 70469 Stuttgart (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 G01S 15/89, 7/52

(11) WO 2004/104632 (13) A1

(21) PCT/IB2004/001890

(22) 13 May/mai 2004 (13.05.2004)

(25) fr (26) fr
(30) 03/06366 **22 May/mai 2003** FR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR SCANNING AND ANALYSING A THREE-DIMENSIONAL STRUCTURE
• PROCEDE POUR L'EXPLORATION ET L'ANALYSE D'UNE STRUCTURE VOLUMIQUE

(71, 72) **DORY, Jacques** [PT/PT]; Residencia Arcadas do Parque, Apart. 39 - Avencue Clotilde, P-2715 Estoril (PT).
(only for / seulement pour US)

(74) **De, Saint, Palais, Arnaud;** Cabinet Moutard, 35, rue de la Paroisse, F-78000 Versailles (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 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 **G01S 17/42, 17/58, 17/89, 17/66, 7/48**

(11) **WO 2004/104633** (13) A2

(21) PCT/US2004/014223

(22) **7 May/mai 2004 (07.05.2004)**

(25) en (26) en

(30) 10/440,918 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LASER PERIMETER AWARENESS SYSTEM
• SYSTEME DE DETECTION DE PERIMETRE LASER

(71) **ROSEMOUNT AEROSPACE INC.** [US/US]; 14300 Judicial Road, Burnsville, MN 55306-4898 (US).
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(72, 75) **RAY, Mark, D.** [US/US]; Box 215, 1619 W. County Road 42, Burnsville, MN 55306 (US). **JAMIESON, James, R.** [US/US]; 8339 Carriage Hill Alcove, Savage, MN 55378 (US).

(74) **MCKNIGHT, Douglas, B.;** CALFEE, HALTER & GRISWOLD LLP, Suite 1400, 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **G01T 1/20**

(11) **WO 2004/104634** (13) A1

(21) PCT/GB2004/002229

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 0311881.7 **22 May/mai 2003** GB
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DETECTOR MODULE FOR DETECTING IONIZING RADIATION

• MODULE DE DETECTION DESTINE A DETECTER UN RAYONNEMENT IONISANT

(71) **ABERDEEN UNIVERSITY** [GB/GB]; Research and Innovation, University Office, Kings College, Aberdeen AB24 3FX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCCALLUM, Stephen** [GB/GB]; John Mallard Scottish PET Centre, Dept. of Bio-Medical Physics & Bio-Engineering, University of Aberdeen, Aberdeen AB25 2ZD (GB). **CLOWES, Peter** [GB/GB]; John Mallard Scottish PET Centre, Dept. of Bio-Medical Physics & Bio-Engineering, University of Aberdeen, Aberdeen AB25 2ZD (GB). **WELCH, Andrew** [GB/GB]; John Mallard Scottish PET Centre, Dept. of Bio-Medical Physics & Bio-Engineering, University of Aberdeen, Aberdeen AB25 2ZD (GB).

(74) **ABLETT, Graham, Keith et al.** / etc.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6FQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G01T 1/24**

(11) **WO 2004/104635** (13) A1

(21) PCT/DE2004/001077

(22) **19 May/mai 2004 (19.05.2004)**

(25) de (26) de

(30) 103 23 584.1 **20 May/mai 2003** DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARRANGEMENT FOR DETECTING X-RAY RADIATION AND METHOD FOR PRODUCING THE SAME

• DISPOSITIF DE DETECTION DE RAYONS X ET PROCEDE DE FABRICATION

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastrasse 27c, 80686 Munich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHREIBER, Jürgen** [DE/DE]; Dorfthainer Str. 36, 01189 Dresden (DE). **BAUMBACH, Tilo** [DE/DE]; Bonnhoefer Platz 17, 01159 Dresden (DE). **HIRSCH, Ole** [DE/DE]; Am Jägerpark 38, 01099 Dresden (DE).

(74) **PFFENNING, MEINIG & PARTNER GBR;** Gostritzer Str. 61-63, 01217 Dresden (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 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).

Published / Publiée : (c)

(51)⁷ **G01V 1/00**

(11) **WO 2004/104636** (13) A1

(21) PCT/US2004/015291

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/442,394 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR SIGNAL-TO-NOISE RATION ENHANCEMENT OF SEISMIC DATA USING AMPLITUDE NOISE ATTENUATION

• PROCEDE PERMETTANT D'AMELIORER LE RAPPORT SIGNAL/BRUIT DES DONNEES SISMIQUES PAR ATTENUATION DE L'AMPLITUDE RELATIVE VRAIE DU BRUIT DEPENDANT DE LA FREQUENCE

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, Third Floor, San Ramon, CA 94583 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HERKENHOFF, E., Frederic** [US/US]; 27 Bel Air Drive, Orinda, CA 94563 (US). **BONES, Dennis, G.** [US/US]; 7925 Dry Creek Drive, Dublin, CA 94568 (US).

- LOUIE, Kendal, Bong, Hu [US/US]; 5 Tarabrook Drive, Orinda, CA 94563 (US).
- (74) SCHULTE, Richard, J. et al. / etc.; Chevron 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 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).
- Published / Publiée : (c)
-
- (51)⁷ G01V 1/30
- (11) WO 2004/104637 (13) A1
- (21) PCT/IB2004/001683
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 60/472,620 22 May/mai 2003 US (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR PROSPECT IDENTIFICATION IN ASSET EVALUATION
• PROCEDE D'IDENTIFICATION DE CIBLES POTENTIELLES DANS L'EVALUATION D'ACTIFS
- (71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 525 - 3RD AVENUE S.W., CALGARY, ALBERTA T2-0G4 (CA).
(only for / seulement pour CA)
- (71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 RUE SAINT DOMINIQUE, F-75007 PARIS (FR).
(only for / seulement pour FR)
- (71) SCHLUMBERGER HOLDINGS LIMITED; PO BOX 71, CRAIGMUIR CHAMBER, ROAD TOWN TORTOLA, NO POSTAL CODE (VG).
(only for / seulement pour GB JP NL)
- (71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; PARKSTRAAT 83-89, NL-2514 JG THE HAGUE (NL).
(only for / seulement pour AM AT AZ BY DE DK HR IT KG KR KZ MD NO NZ PL RO RU TJ TM UA ZA)
- (71) SOFITECH N.V. [BE/BE]; RUE DE STALLE 140, B-1180 BRUSSELS (BE).
(only for / seulement pour AE AG AL AU BA BB BE BF BG BJ BR BW BZ CF CG CH CI CM CN CO CR CU CY CZ DM DZ EC EE EG ES FI GA GD GE GH GM GN GQ GR GW HU ID IE IL IN IS KE KP LC LK LR LS LT LU LV MA MC MG MK ML MN MR MW MX MZ NA NE NI OM PG PH PT SC SD SE SG SI SK SL SN SY SZ TD TG TN TR TT TZ UG UZ VC VN YU ZM ZW)
- (72, 75) XUE, Fangjian [CN/US]; 2731 ROUND HILL COURT, KATY, TEXAS 77494

- (US). PADDOCK, David [US/US]; 14942 CINDYWOOD, HOUSTON, TEXAS 77079 (US). HEMSLEY, Kim D. [GB/US]; 33542 WRIGHT ROAD, MAGNOLIA, TEXAS 77355 (US).
- (74) NAVA, Robin; 110 SCHLUMBERGER DR., MD 1, SUGAR LAND, TEXAS 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 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).
- Published / Publiée : (c)
-
- (51)⁷ G01V 3/32, G01R 33/44
- (11) WO 2004/104638 (13) A1
- (21) PCT/US2004/015487
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/439,100 15 May/mai 2003 US (15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR ELIMINATING EFFECTS OF ACOUSTIC EXCITATIONS IN NMR DATA
• PROCEDE PERMETTANT D'ELIMINER LES EFFETS D'EXCITATIONS ACOUSTIQUES DANS DES DONNEES NMR
- (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) REIDERMAN, Arcady; 1918 Baker Trail, Houston, TX 77094 (US). BEARD, David, R.; 10627 Candlewood Drive, Houston, TX 77042 (US). KRUGLIAK, Zinovy, B.; 18502 Eden Trails Lane, Houston, TX 77094 (US).
- (74) RIDDLE, J. et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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).
- 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 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)
(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 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 G01V 9/00
- (11) WO 2004/104639 (13) A1
- (21) PCT/US2004/015038
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/471,465 16 May/mai 2003 US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MUD GAS ISOTOPE LOGGING INTERPRETIVE METHOD IN OIL AND GAS DRILLING OPERATIONS
• PROCEDE D'INTERPRETATION DES RELEVES D'ISOTOPES DES GAZ DE BOUES POUR LES OPERATIONS DE FORAGE PETROLIER ET GAZIER
- (71, 72) ELLIS, Leroy [AU/US]; 206 Hyde Park Drive, Richardson, TX 75080 (US).
- (74) DIAZ, Michael, L.; Suite 200, 555 Republic Drive, Plano, TX 75074 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).
- Published / Publiée : (c)

(51)⁷ G02B

(11) WO 2004/104640 (13) A1

(21) PCT/FR2004/001199

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05927 16 May/mai 2003 FR
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOTO-CROSSLINKABLE LIQUID
COMPOSITION FOR PLASTIC OPTI-
CAL FIBRE• COMPOSITION LIQUIDE PHOTORE-
TICULABLE POUR FIBRE OPTIQUE
PLASTIQUE(71) NEXANS, Société anonyme [FR/FR]; 16,
rue de Monceau, F-75008 Paris (FR).
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les États désignés sauf US)(72, 75) FOURNIER, Jérôme [FR/FR]; 53,
Cour de la Liberté, F-69003 Lyon (FR). AL-
RIC, Jérôme [FR/FR]; c/o Nexans Research
Center, 170 Avenue Jean-Jaurès, BP-7153,
F-69353 Lyon Cedex 07 (FR). PINTO,
Olivier [FR/FR]; 6, rue Pravaz, F-69003
Lyon (FR). WIDAWSKI, Gilles [FR/FR];
8, rue Pelée, c/o Nexans, 170, avenue Jean
Jaurès, BP 7153, F-69353 Lyon Cedex 07
(FR).(74) FERAY, Valérie; c/o Feray Lenne Conseil,
44/52, rue de la Justice, F-75020 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 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

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(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 60/468,885 8 May/mai 2003 US
(08.05.2003)(30) 10/842,064 10 May/mai 2004 US
(10.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGH SPEED, SILICON-BASED ELEC-
TRO-OPTIC MODULATOR• MODULATEUR ELECTRO-OPTIQUE
TRES RAPIDE A BASE DE SILICIUM(71) SIOPTICAL, INC. [US/US]; 7540 Windsor
Drive, Lower Level, Allentown, PA 18195
(US).
(for all designated States except / pour tous
les États désignés sauf US)(71, 72) SHASTRI, Kalpendu [US/US]; 5529
Willow Way, Orefield, PA 18069 (US).
GOTHOSKAR, Prakash [IN/US]; 6749
Windermere Court, Allentown, PA 18104
(US). GHIRON, Margaret [US/US]; 1875
Sherwood Road, Allentown PA 18103 (US).
PATEL, Vipulkumar [US/US]; 607 Fal-
congate Drive, Monmouth Junction, NJ
08852 (US). MONTGOMERY, Robert,
Keith [US/US]; 810 Howe Street, Easton,
PA 18042 (US). PATHAK, Soham [US/US];
6099 Palomino Drive, Allentown, PA 18106
(US). YANUSHEFSKI, Katherine, A.
[US/US]; 7487 Stein Road, Zionsville, PA
18092 (US).(74) KOB, Wendy, W.; P.O. Box 556, Spring-
town, PA 18081 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

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 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)(t) 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 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 G02B

(11) WO 2004/104642 (13) A2

(21) PCT/US2004/014938

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,691 13 May/mai 2003 US
(13.05.2003)(30) 10/461,557 12 Jun/juin 2003 US
(12.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL DEVICE FOR LED-BASED
LIGHT-BULB SUBSTITUTE• APPAREIL OPTIQUE DESTINE A
UN SUBSTITUT D'AMPOULE ELEC-
TRIQUE A BASE DE DIODES ELEC-
TROLUMINESCENTES(71) LIGHT PRESCRIPTIONS INNOVA-
TORS, LLC [US/US]; 6662 Hale Avenue,
Irvine, CA 92606 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MINANO, Juan Carlos [ES/ES];
Calle Santa Cruz De Marcenado, 31, 7,
E-28015 Madrid (ES). BENITEZ, Pablo
[ES/ES]; Calle Canon Del Rio Lobos 11, 3B,
E-28030 Madrid (ES). PARKYN, William,
A. [US/US]; 25031 Neko Drive, Lomita, CA
90717 (US). FALICOFF, Waqidi [US/US];
1168 Campanile, Newport Beach, CA 92600
(US). MUNOZ, Fernando [ES/ES]; c/o
Isaac Peral 10, 4 izq., E-28015 Madrid (ES).(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 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 G02B

(11) WO 2004/104643 (13) A2

(21) PCT/US2004/015519

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,127 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC TELESCOPE
• TELESCOPE AUTOMATIQUE(71) BUSHNELL PERFORMANCE OPTICS
[US/US]; 9200 Cody, Overland Park, KS
66214 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MCWILLIAMS, Rick [US/US]; 1691
Spinnaker Drive, Suite 202, Ventura, CA
93001 (US).(74) LUEBBERING, Thomas, B.; Hovey
Williams LLP, 2405 Grand Boulevard, Suite
400, Kansas City, MO 64108 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G02B

(11) WO 2004/104644 (13) A2

(21) PCT/US2004/016064

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,613 21 May/mai 2003 US (21.05.2003)

(30) 10/849,422 18 May/mai 2004 US (18.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF SAMPLE CONTROL AND CALIBRATION ADJUSTMENT FOR USE WITH A NONINVASIVE ANALYZER

• PROCEDE DE CONTROLE D'ECHANTILLONS ET D'AJUSTEMENT D'ETALONNAGE A UTILISER AVEC UN ANALYSEUR NON EFFRACTIF

(71) SENSYS MEDICAL, INC. [US/US]; 7470 West Chandler Boulevard, Chandler, AZ 85226 (US).

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

(72) RUCHTI, Timothy, L.; 1501 West Sea Haze Drive, Gilbert, AZ 85233 (US). HAZEN, Kevin, H.; 1534 W. Islandia Drive, Gilbert, AZ 85233 (US). BLANK, Thomas, B.; 2922 E. Tulsa Street, Chandler, AZ 85225 (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 KR KZ LC 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 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 G02B

(11) WO 2004/104645 (13) A2

(21) PCT/US2004/016255

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,911 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONFOCAL MICROSCOPE FOR IMAGING OF SELECTED LOCATIONS OF THE BODY OF A PATIENT

• MICROSCOPE CONFOCAL DESTINE A L'IMAGERIE D'EMPLACEMENTS SELECTIONNES DU CORPS D'UN PATIENT

(71) LUCID, INC. [US/US]; 2320 Brighton-Henrietta Townline Road, Rochester, NY 14623 (US).

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

(72, 75) FOX, William, J. [US/US]; 111 Brightwoods Lane, Rochester, NY 14623 (US). DISTASIO, Christopher, C. [US/US]; 804 Hillside Avenue, Rochester, NY 14618 (US). GRODEVANT, Scott, R. [US/US]; 802 Hamlin Parma Townline Road, Hilton, NY 14468 (US).

(74) LUKACHER, Kenneth, J.; South Winton Court, Suite 204, 3136 Winton Road South, Rochester, NY 14623 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 1/00, 3/00

(11) WO 2004/104646 (13) A1

(21) PCT/US2004/016131

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,861 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROLENS COMPRISING A GROUP III-NITRIDE MATERIAL

• MICROLENTILLE COMPORTANT UNE MATIERE A BASE D'UN NITRURE DU GROUPE III

(71) KANSAS STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 1500 Hayes Drive, Manhattan, KS 66502-5720 (US).

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

(72, 75) JIANG, Hongxing [US/US]; 2033 Plymouth Road, Manhattan, KS 66504 (US). ODER, Tom, N. [US/US]; 900 Gardenway, Manhattan, KS 66503 (US). LIN, Jingyu [US/US]; 2033 Plymouth Road, Manhattan, KS 66503 (US).

(74) LUNDQUIST, Ronald, C.; Fish & Richardson P.C., P.A., Suite 3300, 60 South 6th Street, 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 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 G02B 5/00, G01J 3/04, G03B 9/06

(11) WO 2004/104647 (13) A1

(21) PCT/EP2004/004498

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 23 922.7 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE PINHOLE

• STENOPE REGLABLE

(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) LASSER, Theo [DE/CH]; Rue de la Gare 7, CH-1162 St. Prex (CH). LOPEZ, Antonio [CH/CH]; Rue du Bugnon 51, 1020 Renens (CH). SIDLER, Thomas [CH/CH]; Jolimont 10, CH-1304 Cossonay (CH). FAVRE, Sebastian [CH/CH]; Prairie 42, 2300 La Chaux-de-Fonds (CH). GIANOTTI, Ronald [CH/CH]; Au Vernaz 16, 1112 Echichens (CH).

(74) CARL ZEISS JENA GMBH; HAMPE, Holger, Carl Zeiss-Promenade 10, 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 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 G02B 5/00, G03B 9/06

(11) WO 2004/104648 (13) A1

(21) PCT/EP2004/005061

(22) 12 May/mai 2004 (12.05.2004)

(25) de (26) de

(30) 103 23 923.5 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADJUSTABLE PINHOLE IN PARTICULAR FOR A LASER-SCANNING MICROSCOPE

• STENOPE REGLABLE, EN PARTICULIER POUR UN MICROSCOPE A BALAYAGE LASER

(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) **BARTZKE, Karlheinz** [DE/DE]; Gothaer Strasse 20, 99867 Gotha (DE).
WOLLESCHENSKY, Ralf [DE/DE]; An der Promenade 3, 99510 Apolda (DE).
SCHELER, Roland [DE/DE]; Rudolf-Breitscheid-Strasse 9, 07747 Jena (DE).

(74) **HAMPE, Holger**; Carl Zeiss Jena GmbH, Carl-Zeiss-Promenade 10, 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 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 **G02B 5/02, B60H 1/00, G01S 3/786, G01J 1/04**

(11) **WO 2004/104649** (13) A1

(21) PCT/EP2004/005448

(22) **19 May/mai 2004 (19.05.2004)**

(25) de (26) de

(30) 103 23 709.7 **22 May/mai 2003 (22.05.2003)** DE

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SOLAR SENSOR COMPRISING MICROBALLS ON THE INTERIOR FACE OF THE CAP

• CAPTEUR SOLAIRE PRESENTANT DES MICROBILLES SUR LA FACE INTERIEURE DU CACHE

(71) **PREH GMBH** [DE/DE]; An der Stadthalle, 97616 Bad Neustadt a.d. Saale (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEITNER, Martin** [DE/DE]; Wartburgstrasse 23, 97645 Ostheim (DE).

(74) **THUL, Hermann**; Rheinmetall AG, Patentabteilung, Rheinmetall Allee 1, 40476 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 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 **G02B 5/08, G02F 1/13357, F21V 7/22**

(11) **WO 2004/104650** (13) A1

(21) PCT/JP2004/007308

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-142965 **21 May/mai 2003 (21.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL REFLECTOR AND SURFACE LIGHT SOURCE DEVICE

• REFLECTEUR OPTIQUE ET DISPOSITIF SOURCE DE LUMIERE

(71) **YUPO CORPORATION** [JP/JP]; 3, Kandasurugadai 4-chome,, Chiyoda-ku,, Tokyo1010062 (JP).

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

(72, 75) **UEDA, Takahiko** [JP/JP]; c/o YUPO CORPORATION, KASHIMA FACTORY, 23, Touwada, Kamisu-machi,, Kashima-gun,, Ibaraki 3140102 (JP).

KOYAMA, Hiroshi [JP/JP]; c/o YUPO CORPORATION, KASHIMA FACTORY, 23, Touwada, Kamisu-machi,, Kashima-gun,, Ibaraki3140102 (JP). **TAKAHASHI, Tomot-sugu** [JP/JP]; c/o YUPO CORPORATION, 3, Kandasurugadai 4-chome,, Chiyoda-ku,, Tokyo1010062 (JP).

(74) **SIKS & Co.**; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi1-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G02B 5/12**

(11) **WO 2004/104651** (13) A1

(21) PCT/KR2003/000996

(22) **20 May/mai 2003 (20.05.2003)**

(25) ko (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REFLECTIVE THREE-DIMENSIONAL DECORATION MADE OF TRANSPARENT CORD

• DECORATION REFLECHISSANTE TRIDIMENSIONNELLE CONSTITUEE D'UN CORDON TRANSPARENT

(71) **G.B LIGHT CO., LTD** [KR/KR]; 1733-4, Songjung-Dong, Kongsco-Ku, Pusan, 618-270 (KR).

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

(72, 75) **LEE, In-Hwan** [KR/KR]; Lucky Apt. 1-1207, 707, Oncheon-2Dong, Dongrae-Ku, Pusan 607-753 (KR).

(74) **LEE, Joong-Seop**; Lawin Tower 301, 1497-1, Geoje-1dong, Yeonje-gu, Pusan 611-071 (KR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/124**

(11) **WO 2004/104652** (13) A1

(21) PCT/US2004/011154

(22) **12 Apr/avr 2004 (12.04.2004)**

(25) en (26) en

(30) 10/438,952 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLUORESCENT RED-ORANGE RETROREFLECTIVE SHEETING

• FEUILLE RETROREFLECHISSANTE, ROUGE-ORANGE, FLUORESCENTE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

(72) **OWUSU, Osei, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JENSEN, Stephen, C. et al.** / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(f) for all designations / pour toutes les
designations

(51)⁷ G02B 5/30, G02F 1/13363, 1/1335

(11) WO 2004/104653 (13) A1

(21) PCT/JP2004/005386

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-140444 19 May/mai 2003 JP
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL DEVICE, LIGHT-CONDENS-
ING BACKLIGHT SYSTEM, AND LIQ-
UID CRYSTAL DISPLAY

• DISPOSITIF OPTIQUE, SYSTEME DE
RETROECLAIRAGE A CONDENSATION
DE LUMIERE ET AFFICHAGE A
CRISTAUX LIQUIDES

(71) NITTO DENKO CORPORATION
[JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi,
Osaka 5678680 (JP).

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les États désignés sauf US)

(72, 75) TAKEDA, Kentarou [JP/JP]; c/o
NITTO DENKO CORPORATION, 1-1-2,
Shimohozumi, Ibaraki-shi, Osaka 5678680
(JP). TAKAHASHI, Naoki [JP/JP]; c/o
NITTO DENKO CORPORATION, 1-1-2,
Shimohozumi, Ibaraki-shi, Osaka 5678680
(JP). HARA, Kazutaka [JP/JP]; c/o NITTO
DENKO CORPORATION, 1-1-2, Shimo-
hozumi, Ibaraki-shi, Osaka 5678680 (JP).
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DENKO CORPORATION, 1-1-2, Shimo-
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(74) SUZUKI, Takao et al. / etc.; 1-20, Nishi-
nakajima 7-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 OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, 27/28, H01L 21/027, G03F
7/20

(11) WO 2004/104654 (13) A1

(21) PCT/JP2004/006821

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143240 21 May/mai 2003 JP
(21.05.2003)

(30) 2003-336869 29 Sep/sep 2003 JP
(29.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEPOLARIZATION ELEMENT, ILLU-
MINATION OPTICAL DEVICE, EX-
POSURE DEVICE, AND EXPOSURE
METHOD

• ELEMENT DE DEPOLARISA-
TION, DISPOSITIF OPTIQUE
D'ECLAIRAGE, DISPOSITIF ET PRO-
CEDE D'EXPOSITION

(71) NIKON CORPORATION [JP/JP]; 2-3,
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1008331 (JP).

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les États désignés sauf US)

(72, 75) KUDO, Yuji [JP/JP]; c/o NIKON COR-
PORATION, 2-3, Marunouchi 3-chome,
Chiyoda-ku Tokyo, 1008331 (JP). TANAKA,
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TION, 2-3, Marunouchi 3-chome, Chi-
yoda-ku Tokyo, 1008331 (JP).

(74) YAMAGUCHI, Takao; Daiichi Bldg., 10,
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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 G02B 5/30, C09J 129/04, G02F 1/1335,
C09J 7/02

(11) WO 2004/104655 (13) A1

(21) PCT/JP2004/006929

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-147358 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADHESIVE FOR POLARIZING PLATE,
POLARIZING PLATE, METHOD FOR
PRODUCING SAME, OPTICAL FILM,
AND IMAGE DISPLAY

• ADHESIF POUR PLAQUE POLARI-
SANTE, PLAQUE POLARISANTE,
PROCEDE DE FABRICATION, FILM
OPTIQUE ET AFFICHAGE D'IMAGES

(71) NITTO DENKO CORPORATION
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Osaka, 5678680 (JP).

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les États désignés sauf US)

(72, 75) SUGINO, Youichirou [JP/JP]; c/o
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mohozumi, Ibaraki-shi, Osaka, 5678680
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Shimohozumi, Ibaraki-shi, Osaka, 5678680
(JP). WADA, Morimasa [JP/JP]; c/o NITTO
DENKO CORPORATION, 1-1-2, Shimo-
hozumi, Ibaraki-shi, Osaka, 5678680 (JP).
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Support Corporation, 2-1-1, Shimohozumi,
Ibaraki-shi, Osaka, 5678680 (JP).

(74) SUZUKI, Takao et al. / etc.; Daiichi Sue-
hiro Bldg., 1-20, Nishinakajima 7-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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G02B 5/30, G02F 1/13363

(11) WO 2004/104656 (13) A1

(21) PCT/US2004/014646

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/440,379 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD OF MAKING OPTICAL
COMPENSATION FILM USING POLY-
MER STABILIZATION TECHNIQUE

• PROCEDE DE PRODUCTION D'UN
FILM DE COMPENSATION OPTIQUE
FAISANT APPEL A UNE TECHNIQUE
DE STABILISATION PAR UN RESEAU
POLYMER

(71) KENT STATE UNIVERSITY [US/US];
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(72, 75) CHIEN, Liang-Chy [US/US]; 330 Old-
ham Way, Hudson, OH 44236 (US). DOI,
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Mie, Mie 510-840 (JP).

(74) HUDAK, Daniel et al. / etc.; HUDAK,
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(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 5/30, 27/28

(11) WO 2004/104657 (13) A1

(21) PCT/US2004/008660

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/439,444 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLARIZING BEAM SPLITTER AND PROJECTION SYSTEMS USING THE POLARIZING BEAM SPLITTER

• SEPARATEUR DE FAISCEAU A POLARISATION ET SYSTEMES DE PROJECTION UTILISANT LEDIT SEPARATEUR

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) MA, Jiaying; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BRUZZONE, Charles, L.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MERRILL, William, L.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). AASTUEN, David, J.W.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) PRALLE, Jay, R. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ G02B 5/32, 5/18, 5/02, F21V 8/00, G02F 1/13357, G09F 9/00

(11) WO 2004/104658 (13) A1

(21) PCT/JP2004/007292

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144213 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL FILM AND SURFACE LIGHT SOURCE USING IT

• FILM OPTIQUE ET SOURCE LUMINEUSE DE SURFACE COMPRENANT CE FILM OPTIQUE

(71) HITACHI CHEMICAL CO., LTD. [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 1630449 (JP).

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(72, 75) HOSHINO, Tetsuya [JP/JP]SUGIMOTO, Yasushi [JP/JP]TESHIMA, Teruo [JP/JP]DOBASHI, Tomo [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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G02B 6/00

(11) WO 2004/104659 (13) A1

(21) PCT/JP2004/007122

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-144111 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPERSION FLAT FIBER

• FIBRE PLATE A DISPERSION

(71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008116 (JP). MITSUBISHI CABLE INDUSTRIES, LTD. [JP/JP]; 3, Ikejiri 4-chome, Itami-shi, Hyogo, 6640027 (JP).

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(72, 75) KUBOTA, Hirokazu [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo, 1808585 (JP). KAWANISHI, Satoki [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo, 1808585 (JP). TANAKA, Masatoshi [JP/JP]; c/o MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo, 6640027 (JP). YAMADORI, Shinya [JP/JP]; c/o MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo, 6640027 (JP).

(74) TANI, Yoshikazu; 6-20, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

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 G02B 6/12, 6/34

(11) WO 2004/104660 (13) A1

(21) PCT/NL2004/000359

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 1023499 22 May/mai 2003 NL (22.05.2003)

(30) 1025226 13 Jan/jan 2004 NL (13.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE, ASSEMBLY AND METHODS FOR WAVELENGTH-DEPENDENT TREATMENT OF OPTICAL SIGNALS

• DISPOSITIF, ENSEMBLE ET PROCÉDES DE TRAITEMENT DÉPENDANT DE LA LONGUEUR D'ONDES DE SIGNAUX OPTIQUES

(71) LIONIX B.V. [NL/NL]; p/a Universiteit Twente, EL/TN Cleanroom Mesa+, Drienerlolaan 5, NL-7522 NB Enschede (NL).

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(72, 75) KLAASSE, Gerrit [BE/BE]; p/a Imec, Kapeldreef 75, B-3001 Leuven (BE). STOFFER, Remco [NL/NL]; p/a C2V, Postbus 318, NL-7500 AH Enschede (NL). VAN LITH, Joris [NL/NL]; p/a Universiteit Twente, Mesa+, Postbus 217, NL-7500 AE Enschede (NL). HOEKSTRA, Joseph, Wilhelmus, Maria [NL/NL]; Staringstraat 30, NL-7552 LA Hengelo Ov (NL). LAMBECK, Paul, Vincent [NL/NL]; p/a Universiteit Twente, Mesa+, Postbus 217, NL-7500 AE Enschede (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 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 G02B 6/13

(11) WO 2004/104661 (13) A1

(21) PCT/FR2004/050204

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/50157 19 May/mai 2003 FR (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED PHOTONIC CIRCUIT FITTED WITH MEANS FOR INTERCONNECTION WITH ADD-ON OPTOELECTRONIC COMPONENTS

• CIRCUIT INTEGRE PHOTO-NIQUE EQUIPE DE MOYENS D'INTERCONNEXION AVEC DES COMPOSANTS OPTOELECTRONIQUES RAPPORTES

(71) TEEM PHOTONICS [FR/FR]; 61 Chemin du Vieux Chêne, F-38240 MEYLAN (FR).
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(72, 75) VALETTE, Serge [FR/FR]; 131 cours de la libération, F-38000 GRENOBLE (FR).
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(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 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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(21) PCT/JP2004/007136

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-145708 23 May/mai 2003 JP (23.05.2003)

(30) 2004-017655 26 Jan/jan 2004 JP (26.01.2004)

(30) 2004-068066 10 Mar/mar 2004 JP (10.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL DEVICE, OPTICAL DEVICE MANUFACTURING METHOD, AND OPTICAL INTEGRATED DEVICE

• DISPOSITIF OPTIQUE, PROCEDE DE FABRICATION DE DISPOSITIF OPTIQUE ET DISPOSITIF OPTIQUE INTEGRE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) HAMADA, Hidenobu

(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 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 G02B 6/34, 27/44

(11) WO 2004/104663 (13) A1

(21) PCT/US2003/027472

(22) 2 Sep/sep 2003 (02.09.2003)

(25) en (26) en

(30) 60/468,479 7 May/mai 2003 US (07.05.2003)

(30) 60/486,450 10 Jul/juil 2003 US (10.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AMPLITUDE AND PHASE CONTROL IN DISTRIBUTED OPTICAL STRUCTURES

• COMMANDE EN AMPLITUDE ET EN PHASE DANS LES STRUCTURES OPTIQUES REPARTIES

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(74) ALAVI, David, S.; 3762 West 11th Avenue, #408, Eugene, OR 97402 (US).

(81) AE AG AL 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G02B 6/34, G02F 1/1333, G02B 27/28

(11) WO 2004/104664 (13) A1

(21) PCT/US2004/014228

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 60/471,079 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLARIZATION DEVICE

• DISPOSITIF DE POLARISATION

(63) US 60/471,079 (CIP)
16 May/mai 2003 (16.05.2003)

(71) HOYA CORPORATION [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjyuku-ku, Tokyo 161-8525 (JP).
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(72, 75) GUNTHER, John, Edward [US/US]; 701 Amy Lane, Redondo Beach, CA 90278 (US). AOKI, Hiroshi [JP/JP]; 1-15-20-303 Ikuta, Tama-ku, Kawasaki, Kanagawa 214-0038 (JP).

(74) POTTS, Jerry, R.; 3248 Via Ribera, Escondido, CA 92029 (US).

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G02B 6/42, B29C 45/14

(11) WO 2004/104665 (13) A1

(21) PCT/DE2004/000944

(22) 5 May/mai 2004 (05.05.2004)

(25) de (26) de

(30) 103 22 071.2 15 May/mai 2003 DE (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICRO-OPTICAL MODULE WITH INJECTION-MOULDED HOUSING AND METHOD FOR PRODUCTION THEREOF

• MODULE MICRO-OPTIQUE POURVU D'UN BOITIER MOULE PAR INJECTION ET PROCEDES DE FABRICATION DUDIT MODULE

(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) DANGELMAIER, Jochen [DE/DE]; Thüringer Str. 9, 93176 Beratzhausen (DE). THEUSS, Horst [DE/DE]; Brun-nweg 7, 93173 Wenzelnbach (DE). WIETSCHORKE, Helmut [DE/DE]; Hans-Sachs-Str. 9A, 93049 Regensburg (DE).

(74) SCHÄFER, Horst; Kanzlei Schweiger & Partner, Karl-Theodor-Str. 69, 80803 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 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).

Published / Publiée : (c)

(51)⁷ G02B 6/42

(11) WO 2004/104666 (13) A1

(21) PCT/JP2003/006466

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL ELEMENT, OPTICAL TRANSMISSION UNIT AND OPTICAL TRANSMISSION SYSTEM
• ELEMENT OPTIQUE, UNITE DE TRANSMISSION OPTIQUE ET SYSTEME DE TRANSMISSION OPTIQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) TSUKAMOTO, Koji [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ISHII, Masatoshi [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KATO, Masayuki [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) KITANO, Yoshihito; Exceed Yotsuya, 2nd Floor, 9, Daikyo-cho, Shinjuku-ku, Tokyo 160-0015 (JP).

(81) JP US.

(51)⁷ G02B 7/28, G01C 3/32, G03B 13/20, 21/53, G05D 3/20, H02P 6/18

(11) WO 2004/104667 (13) A1

(21) PCT/IB2004/050694

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101477.2 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISTANCE MEASUREMENT IN MOTOR-DRIVEN FOCUSING SYSTEMS
• MESURES DE DISTANCE DANS LES SYSTEMES DE FOCALISATION MOTORISES

(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) RAAIJMAKERS, Robertus, M., W. [NL/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 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).

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 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 G02B 7/28, 7/30, 7/36, 21/00, H04N 5/74

(11) WO 2004/104668 (13) A1

(21) PCT/JP2004/006734

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-145722 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROJECTOR AND IMAGE ADJUSTING METHOD
• PROJECTEUR ET PROCEDE DE REGLAGE D'IMAGE

(71) SEIKO PRECISION INC. [JP/JP]; 1-1, Akanehama 1-chome, Narashino-shi, Chiba, 2758558 (JP).

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

(72, 75) KANEMITSU, Shiroshi [JP/JP]; c/o SEIKO PRECISION INC., 1-1, Akanehama 1-chome, Narashino-shi, Chiba, 2758558

(JP). OKUYAMA, Hirobumi [JP/JP]; 1-6-513, Kameido 5-chome, Koto-ku, Tokyo, 1360071 (JP).

(74) KATAYAMA, Shuhei; Mitsui Sumitomo Marine Tepco Building, 6-1, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (b)

(51)⁷ G02B 26/02, G02F 1/01, 1/125, G02B 6/00

(11) WO 2004/104669 (13) A1

(21) PCT/IB2004/050691

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101482.2 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LINE-AT-A-TIME OPTICAL LASER DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE LASER OPTIQUE LIGNE PAR LIGNE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE BRUIN, Dirk [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). OVERSLUIZEN, Gerrit [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ENGELAAR, Pieter, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WILLEMSSEN, Oscar, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WINTERS, Rogier [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VISSER, Hugo, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LANGE, Ruediger, J. [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; 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 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 G02B 26/02, 6/35

(11) WO 2004/104670 (13) A1

(21) PCT/IB2004/050693

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101479.8 22 May/mai 2003 EP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAYES, Robert, A. [AU/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FEENSTRA, Bokke, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HAGE, Leendert, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WOLF, Ronald, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MORKS, Ewout, V. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JAULNEAU, Patrice, G., C. [FR/FR]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CAMPS, Ivo, G., J. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHLANGEN, Lucas, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, 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 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 G02B 26/02

(11) WO 2004/104671 (13) A1

(21) PCT/IB2004/050697

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101473.1 22 May/mai 2003 EP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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

(72, 75) FEENSTRA, Bokke [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HAYES, Robert, A. [AU/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, 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 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 26/08

(11) WO 2004/104672 (13) A1

(21) PCT/JP2004/006931

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144191 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL SWITCH
• COMMUTATEUR OPTIQUE

(71) OMRON CORPORATION [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Ryo [JP/JP]; C/O OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). TANAKA, Hirokazu [JP/JP]; C/O OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). ONISHI, Masayasu [JP/JP]; C/O OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). NAKANISHI, Yoichi [JP/JP]; C/O OMRON CORPORATION,

801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). KAWAMOTO, Ryuji [JP/JP]; C/O OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP). SUZUKI, Yuichi [JP/JP]; C/O OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto, 6008530 (JP).

(74) NAKANO, Masayoshi; Ogura Temmabashi Building, 3-5, Tanimachi 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G02B 26/08

(11) WO 2004/104673 (13) A1

(21) PCT/JP2004/007167

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148257 26 May/mai 2003 JP
(26.05.2003)

(30) 2003-148258 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL SWITCH DEVICE
• DISPOSITIF DE COMMUTATION OPTIQUE

(71) SANKYO SEIKI MFG. CO., LTD. [JP/JP]; 5329, Shimosuwa-machi, Suwa-gun, Nagano 3938511 (JP). OMRON CORPORATION [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 6008530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAJIMA, Masao [JP/JP]; c/o SANKYO SEIKI MFG. CO., LTD., Suwa-minami Works, 10801-2, Hara-mura, Suwa-gun, Nagano 3910100 (JP). YONEYAMA, Hidekazu [JP/JP]; c/o SANKYO SEIKI MFG. CO., LTD., Suwa-minami Works, 10801-2, Hara-mura, Suwa-gun, Nagano 3910100 (JP). YASUDA, Sadayoshi [JP/JP]; c/o SANKYO SEIKI MFG. CO., LTD., Suwa-minami Works, 10801-2, Hara-mura, Suwa-gun, Nagano 3910100 (JP). FUJITA, Yuji [JP/JP]; c/o SANKYO SEIKI MFG. CO., LTD., Suwa-minami Works, 10801-2, Hara-mura, Suwa-gun, Nagano 3910100 (JP). KAWAMOTO, Ryuji [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 6008530 (JP). NAKANISHI, Yoichi [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho,

- Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 6008530 (JP). **SUZUKI, Yuichi** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 6008530 (JP).
- (74) **YOKOZAWA, Shiro**; 1132-18, Shimadachi, Matsumoto-shi, Nagano 3900852 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G02C 7/02, 7/06**
- (11) **WO 2004/104674** (13) A1
- (21) PCT/US2004/014961
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) en (26) en
- (30) 10/440,967 **19 May/mai 2003 US (19.05.2003)**
- (30) 10/695,933 **29 Oct/oct 2003 US (29.10.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **FOUR ZONE MULTIFOCAL SPECTACLE LENSES**
- **VERRES PROGRESSIFS COMPORTANT QUATRE ZONES**
- (71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, Florida 32256 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GUPTA, Amitava** [US/US]; 5322 Fox Den Road, Roanoke, Virginia 24014 (US). **WOOLEY, Benjamin C.** [US/US]; 5115 Elk Hill Drive, Roanoke, Virginia 24014 (US). **SASTRY, Shyamy** [US/US]; 5138 Meadow Creek Drive, Roanoke, Virginia 24014 (US). **MENEZES, Edgar V.** [US/US]; 6558 Hidden Woods Drive, Roanoke, Virginia 24018 (US).
- (74) **JOHNSON, Philip S.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G02F**
- (11) **WO 2004/104676** (13) A2
- (21) PCT/US2004/013302
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 10/437,057 **14 May/mai 2003 US (14.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **INEXPENSIVE VARIABLE REP-RATE SOURCE FOR HIGH-ENERGY, ULTRA-FAST LASERS**
- **SOURCE DE FREQUENCE DE RECURRENCE VARIABLE BON MARCHE POUR LASERS ULTRA RAPIDES A ENERGIE ELEVEE**
- (71) **IMRA AMERICA, INC.** [US/US]; 1044 Woodridge Avenue, Ann Arbor, MI 48105 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HARTER, Donald, J.** [US/US]; 3535 Sulgrave Place, Ann Arbor, MI 48105 (US).
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G02C 7/04**
- (11) **WO 2004/104675** (13) A2
- (21) PCT/EP2004/005430
- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 60/472,365 **21 May/mai 2003 US (21.05.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **CONTACT LENSES**
- **LENTILLES DE CONTACT**
- (71) **NOVARTIS AG** [CH/CH]; Lichstrasse 35, CH-4056 Basel (CH). *(for all designated States except / pour tous les États désignés sauf AT US)*
- (71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). *(only for / seulement pour AT)*
- (72, 75) **LINDACHER, Joseph, Michael** [US/US]; 1115 Eagle Pointe Drive, Lawrenceville, GA 30044 (US). **MOLINARI, Jason** [US/US]; 103 Mt. Vernon Circle, Atlanta, GA 30338 (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 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 **G02F**
- (11) **WO 2004/104677** (13) A2
- (21) PCT/US2004/015796
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) en (26) en
- (30) 60/472,031 **20 May/mai 2003 US (20.05.2003)**
- (30) 60/488,963 **21 Jul/juil 2003 US (21.07.2003)**
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **DEVICES FOR USE IN NON-EMISSIVE DISPLAYS**
- **DISPOSITIFS A UTILISER DANS DES AFFICHEURS PASSIFS**
- (71) **TRIVIUM TECHNOLOGIES, INC.** [US/US]; 1301 East Ninth Street, 37th Floor, Cleveland, OH 44114 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LUBART, Neil, D.** [US/US]; 10707 Cooper Hill Drive, Austin, TX 78278 (US). **WOJCIECHOWSKI, Timothy, J.** [US/US]; 30370 Hilliard Boulevard, Westlake, OH 44145 (US).
- (74) **KOLOCOURIS, Gregory, S.**; Benesch, Friedlander, Coplan & Aronoff, LLP, 2300 BP Tower, 200 Public Square, 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 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 **G02F 1/1335**
- (11) **WO 2004/104678** (13) A1
- (21) PCT/IB2004/050700
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en

(30) 03101448.3 **21 May/mai 2003** EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TWO-SIDED READABLE DISPLAY DEVICE

• DISPOSITIFS D'AFFICHAGE A DEUX FACES LISIBLES

(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 DE WITTE, Peter [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 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 G02F 1/1335

(11) WO 2004/104679 (13) A1

(21) PCT/US2004/009091

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/439,450 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR STACKING SURFACE STRUCTURED OPTICAL FILMS

• PROCEDE PERMETTANT LA SUPERPOSITION DE FILMS OPTIQUES A SURFACE STRUCTUREE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) STEVENSON, James, A.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BIANCONI, Joseph, J.;

3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BUCKINGHAM, Stephen W., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 G02F 1/13363, 1/1362

(11) WO 2004/104680 (13) A1

(21) PCT/IB2004/001669

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/472,604 **22 May/mai 2003** US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIQUID CRYSTAL DISPLAY DEVICE HAVING FORM BIREFRINGENT COMPENSATOR

• DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES POURVU D'UN COMPENSATEUR DE FORME BIREFRINGENT

(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) SHIMIZU, Jeffrey, Arthur [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). ANDERSON, Duncan, J. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; Intellectual Property & Standards, c/o Bram, Eric M., 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G02F 1/13363, G08G 64/04

(11) WO 2004/104681 (13) A1

(21) PCT/US2004/013676

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/439,541 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPENSATION FILMS FOR LCDS

• FILMS DE COMPENSATION POUR AFFICHAGES A CRISTAUX LIQUIDES (LCD)

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).

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

(72, 75) ELMAN, James Frank [US/US]; 2543 Huber Road, Fairport, New York 14450 (US). ISHIKAWA, Tomohiro [JP/US]; 252 Mulberry Street, Rochester, New York 14620 (US). MASSA, Dennis Jon [US/US]; 35 Cambrie Circle, Pittsford, New York 14534 (US). YACOBUCCI, Paul Daniel [US/US]; 5 Windsor Park, Rochester, New York 14624 (US). FALKNER, Catherine Ann [US/US]; 236 Wayfaring Lane, Rochester, New York 14612 (US).

(74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, New York 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)
(1) *for all designations / pour toutes les
désignations*

(51) G02F 1/1337

(11) WO 2004/104682 (13) A1

(21) PCT/US2004/015411

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,717 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF PLASMA BEAM BOM-
BARDMENT OF ALIGNING FILMS
FOR LIQUID CRYSTALS

• PROCEDE DE BOMBARDEMENT
PAR UN FAISCEAU PLASMA POUR
L'ALIGNEMENT DE FILMS DE CRIS-
TAUX LIQUIDES

(71) KENT STATE UNIVERSITY [US/US];
East Main and Lincoln Streets, Kent, OH
44242 (US).
(*for all designated States except / pour tous
les États désignés sauf US*)

(72, 75) CHIEN, Liang-Chy [US/US]; 330
Oldham Way, Hudson, OH 44236 (US).
DOBOVOLSKYY, Andriy [UA/UA];
G.-Naumova St. 19, Apt. 326, Kyiv, 03110
(UA). YAROSHCHUK, Oleg [UA/UA];
Ozerna St. 9, Apt. 62, Kyiv, 03110 (UA).
LAURETOVICH, Oleg [UA/US]; 5933
Roc Marie Drive, Kent, Ohio 44240 (US).

(74) HUDAK, Daniel, Jr. et al. / etc.; Hudak,
Shunk & Farine Co. LPA, 2020 Front Street,
Suite 307, Cuyahoga Falls, Ohio 44221 (US).

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

Published / Publiée : (c)

(51)⁷ G02F 1/1339, C09K 3/10, C08F 299/02

(11) WO 2004/104683 (13) A1

(21) PCT/JP2004/006646

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-142805 21 May/mai 2003 JP
(21.05.2003)

(30) 2003-160513 5 Jun/juin 2003 JP
(05.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEALANT FOR LIQUID CRYSTAL
AND LIQUID-CRYSTAL DISPLAY
CELL MADE WITH THE SAME

• AGENT DE SCELLEMENT POUR
CRISTAL LIQUIDE ET CELLULE
D'AFFICHAGE A CRISTAUX LI-
QUIDES CONTENANT CELUI-CI

(71) NIPPON KAYAKU KABUSHIKI
KAISHA [JP/JP]; 11-2, Fujimi 1-chome,
Chiyoda-ku, Tokyo, 1028172 (JP).

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

(72, 75) OCHI, Naoyuki [JP/JP]; 2-336-410,
Kitabukuro-cho, Omiya-ku, Saitama-shi,
Saitama, 3300835 (JP). ASANO, Toyofumi
[JP/JP]; 6-7-17-203, Kamiochiai, Chuo-ku,
Saitama-shi, Saitama, 3380001 (JP).
IMAIZUMI, Masahiro [JP/JP]; 1-15-5-304,
Akabaneita, Kita-ku, Tokyo, 1150052
(JP). KUDO, Masaru [JP/JP]; 6-11-10-302,
Kamiochiai, Chuo-ku, Saitama-shi, Saitama,
3380001 (JP). NISHIHARA, Eiichi [JP/JP];
5-40-2, Shimo, Kita-ku, Tokyo, 1150042
(JP). KOYANAGI, Hiroo [JP/JP]; 3-31-9,
Akatsuka, Itabashi-ku, Tokyo, 1750092 (JP).
ICHIMURA, Sumio [JP/JP]; 3-33-5, Shimo,
Kita-ku, Tokyo, 1150042 (JP). HIRANO,
Masahiro [JP/JP]; 473-1, Kami, Ageo-shi,
Saitama, 3620001 (JP).

(74) KAWAGUCHI, Yoshio et al. / etc.;
Kawaguti & Partners, Yuhsen Shinjuku
Gyoen Bldg., 1-11, Shinjuku 1-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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G02F 1/17, 1/167, G09F 9/30, 9/37, 9/00

(11) WO 2004/104684 (13) A1

(21) PCT/JP2004/006837

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145177 22 May/mai 2003 JP
(22.05.2003)

(30) 2004-110997 5 Apr/avr 2004 JP
(05.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE DISPLAY AND SUBSTRATE
JOINING APPARATUS USED FOR
PRODUCING SAME

• AFFICHAGE D'IMAGE ET APPAREIL
D'ASSEMBLAGE DE SUBSTRAT UTI-
LISE POUR FORMER CELUI-CI

(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) TANUMA, Itsuo [JP/JP]; 3405-181,
Kashiwabara, Sayama-shi, Saitama, 3501335
(JP). TAMURA, Hajime [JP/JP]; 1664-412,
Noborito, Tama-ku, Kawasaki-shi, Kana-
gawa, 2140014 (JP). KITA, Shinichi [JP/JP];
NoieA-203, 155-1, Koguki, Shiraoka-cho,
Minamisaitama-gun, Saitama, 3490217 (JP).
NIHEI, Norio [JP/JP]; 3-5-5, Ogawahi-
gashi-cho, Kodaira-shi, Tokyo, 1870031 (JP).

(74) SUGIMURA, Kosaku; 7F, Kazan Building,
2-4, 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 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 G02F 1/17

(11) WO 2004/104685 (13) A1

(21) PCT/US2004/015618

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,453 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRICALLY ADDRESSABLE OP-
TICAL DEVICES USING A SYSTEM
OF COMPOSITE LAYERED FLAKES
SUSPENDED IN A FLUID HOST TO
OBTAIN ANGULARLY DEPENDENT
OPTICAL EFFECTS

• DISPOSITIFS OPTIQUES ADRES-
SABLES ELECTRIQUEMENT UTILI-
SANT UN SYSTEME DE PAILLETES
STRATIFIEES COMPOSITES SUSPEN-
DUES DANS UN HOTE FLUIDE AFIN
D'OBTENIR DES EFFETS OPTIQUES
DEPENDANT DE L'ANGLE

(71) THE UNIVERSITY OF ROCHESTER
[US/US]; 518 Hylan Building, Rochester,
NY 14627 (US).

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

(72) KOSC, Tanya, Z.; 600 Allens Creek Road,
Rochester, NY 14618 (US). MARSHALL,
Kenneth, L.; 106 Citation Drive, Henrietta,
NY 14467 (US). JACOBS, Stephen, D.; 80
Brook Road, Pittsford, NY 14535 (US).

(74) LUKACHER, Kenneth, J.; South Winton
Court, 3136 Winton Road South, Suite 204,
Rochester, NY 14623 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Published / Publiée : (c)

(51)⁷ G02F 1/313, 1/01

(11) WO 2004/104686 (13) A1

(21) PCT/US2004/013699

(22) 1 May/mai 2004 (01.05.2004)

(25) en (26) en

(30) 60/470,458 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL FILTER DEVICE WITH HIGH
INDEX SWITCHABLE GRATING

- DISPOSITIF OPTIQUE DE FILTRAGE
A SELECTEUR DE MODE A INDICE
ELEVÉ

(63) US 60/470,458 (CIP)
14 May/mai 2003 (14.05.2003)

(71) HOYA CORPORATION [JP/JP]; 2-7-5
Naka-Ochiai, Shinjuku-ku, Tokyo
161-8525 (JP).

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

(72, 75) EDWARD, Keat, Leem, Chan
[MY/US]; 1715 E. Marina Court, San Mateo,
CA 94403 (US).

(74) POTTS, Jerry, R.; 3248 Via Ribera, Escondido,
CA 92029 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02F 3/00

(11) WO 2004/104687 (13) A1

(21) PCT/IL2003/000433

(22) 25 May/mai 2003 (25.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL LOGICAL CIRCUIT ELE-
MENT AND METHOD

- ELEMENT DE CIRCUIT LOGIQUE OP-
TIQUE ET PROCEDE ASSOCIE

(71) LR OPTICS INC. [US/US]; 1201 MAR-
KET STREET, SUITE 1600, P.O.B 1709,
WILMINGTON, DE 19899-1709 (US).

(71, 72) PONOMARENKO, Dmitry [IL/IL];
13/19 Eiezer Friedman Street, 49444 Petah
Tikva (IL).

(74) ELIEZRI, Zohar; BOROCHOV, KO-
RAKH, ELIEZRI & CO, 15th FLOOR,
ATIDIM TOWER, KIRYAT ATIDIM, P.O.
BOX 58100 (IL).

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

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

(11) WO 2004/104688 (13) A2

(21) PCT/US2004/015392

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,612 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USER-INTERFACE FOR A PROJEC-
TION DEVICE

- INTERFACE D'UTILISATEUR POUR
DISPOSITIF DE PROJECTION

(71) INFOCUS CORPORATION [US/US];
27700B SW Parkway Avenue, Wilsonville,
OR 97070 (US).

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

(72, 75) SALVATORI, Phillip, H. [US/US];
2155 Marvin Court N.W., Salem, OR 97034
(US). WOOLF, David, R. [US/US]; 10730
S.W. 43rd Avenue, Portland, OR 97219 (US).

(74) MCCOY, Anna, B.; Kolisch Hartwell, P.C.,
Suite 200, 520 S.W. Yamhill Street, Portland,
OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G03B 21/14, F21S 2/00, F21V 7/00, G02B
7/198, 19/00, G02F 1/13, 1/13357

(11) WO 2004/104689 (13) A1

(21) PCT/JP2004/007425

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-145116 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHT SOURCE DEVICE, ILLUMINA-
TION OPTICS DEVICE, PROJECTOR,
AND LIGHT SOURCE DEVICE PRO-
DUCING METHOD

- DISPOSITIF LUMINEUX, DISPOSITIF
OPTIQUE D'ECLAIRAGE, PROJEC-
TEUR ET PROCEDE DE PRODUCTION
D'UN DISPOSITIF LUMINEUX

(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku,
Tokyo, 1630811 (JP).

(72) FUJISAWA, Shohei; c/o SEIKO EP-
SON CORPORATION, 3-5, Owa
3-Chome, Suwa-Shi, Nagano, 3928502
(JP). TAKEZAWA, Takeshi; c/o SEIKO
EPSON CORPORATION, 3-5, Owa
3-Chome, Suwa-Shi, Nagano, 3928502 (JP).
KOBAYASHI, Hiroyuki; c/o SEIKO EP-
SON 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 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 G03B 21/14, F21S 2/00, F21V 17/00, 7/00,
H01J 61/35

(11) WO 2004/104690 (13) A1

(21) PCT/JP2004/007426

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-145125 22 May/mai 2003 JP
(22.05.2003)

(30) 2003-321447 12 Sep/sep 2003 JP
(12.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHT SOURCE DEVICE, LIGHT
SOURCE DEVICE PRODUCING
METHOD, AND PROJECTOR

- DISPOSITIF SOURCE DE LUMIERE,
PROCEDE DE PRODUCTION DUDIT
DISPOSITIF ET PROJECTEUR

(71) SEIKO EPSON CORPORATION [JP/JP];
4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku,
Tokyo, 1630811 (JP).

(72) KOBAYASHI, Hiroyuki; c/o SEIKO EP-
SON CORPORATION, 3-5, Owa 3-Chome,

- Suwa-Shi, Nagano, 3928502 (JP). FUJISAWA, Shohei; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano, 3928502 (JP). TAKADO, Yuji; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano, 3928502 (JP). 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 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 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 G03B 21/14, F21V 13/00, F21S 2/00
- (11) WO 2004/104691 (13) A1
- (21) PCT/JP2004/007431
- (22) 24 May/mai 2004 (24.05.2004)
- (25) ja (26) ja
- (30) 2003-145108 22 May/mai 2003 JP (22.05.2003)
- (30) 2003-321923 12 Sep/sep 2003 JP (12.09.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • LIGHT SOURCE UNIT, PROCESS FOR MANUFACTURING THE SAME, AND PROJECTOR
- SOURCE LUMINEUSE, SON PROCEDE DE FABRICATION, ET PROJETEUR
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 1630811 (JP).
- (72) FUJISAWA, Shohei; 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 392-8502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G03B 21/56
- (11) WO 2004/104693 (13) A1
- (21) PCT/IB2003/003096
- (22) 26 May/mai 2003 (26.05.2003)
- (25) en (26) en
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PROJECTION SCREEN AND METHOD OF MANUFACTURING THEREOF
- ECRAN DE PROJECTION ET SON PROCEDE DE FABRICATION
- (71, 72) DREMLYUGA, Anton, A. [RU/RU]; ul. Lesnaya, 10-153, Moscow-Reutov, 143952 (RU). KOKHANOV, Andrey, V. [RU/RU]; 1st Pankovsky Proezd, 1-4-116, Moscovskaya obl., Ljubertzy, 140012 (RU). KOKHANOV, Vladimir, A. [RU/RU]; ul. Shosseynaya, 6-74, Moscovskaya obl., Ljubertzy, 140011 (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).
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- (51)⁷ G03B 21/60
- (11) WO 2004/104695 (13) A1
- (21) PCT/JP2003/012785
- (22) 6 Oct/oct 2003 (06.10.2003)
- (25) ja (26) ja
- (30) 2003-147079 26 May/mai 2003 JP (26.05.2003)
- (30) 2003-147116 26 May/mai 2003 JP (26.05.2003)
- (30) 2003-147149 26 May/mai 2003 JP (26.05.2003)
- (30) PCT/JP03/11215 2 Sep/sep 2003 JP (02.09.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • REFLECTION TYPE SCREEN
• ECRAN DE TYPE REFLECTIF
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AIURA, Tomoyuki [JP/JP]; 410-3-401, Baba, Ujiie-machi, Shioya-gun, Tochigi 329-1321 (JP). YOSHINAKA, Shuichi [JP/JP]; 174-21-719, Hayakawa-cho, Yaita-shi, Tochigi 329-2141 (JP). ABUMI, Takao [JP/JP]; 375-16, Azuma-cho, Yaita-shi, Tochigi 329-2136 (JP). TAKIGUCHI, Haruhisa [JP/JP]; 7-98, Aoyama, Nara-shi, Nara 630-8101 (JP).
- (74) TAKANO, Akichika; 9th Floor, Salute Bldg., 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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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- (51)⁷ G03C 1/73, G11B 7/24, 7/135, 7/004
- (11) WO 2004/104696 (13) A1
- (21) PCT/JP2004/007433
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-147243 26 May/mai 2003 JP (26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INFORMATION RECORDING MEDIUM, METHOD OF RECORDING AND REGENERATION THEREWITH AND INFORMATION RECORDING REGENERATION APPARATUS
• SUPPORT D'ENREGISTREMENT D'INFORMATIONS, PROCÉDE D'ENREGISTREMENT ET DE REGENERATION UTILISANT CE SUPPORT ET APPAREIL DE REGENERATION D'ENREGISTREMENT D'INFORMATIONS
- (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) NISHINO, SeijiSHIONO, TeruhirōYAMAMOTO, HiroakiITO, Tatsuo
- (74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP Tower 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G03F
- (11) WO 2004/104697 (13) A2
- (21) PCT/US2004/015370
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 10/442,319 20 May/mai 2003 US (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DECONTAMINATION OF SUPERCRITICAL WAFER PROCESSING EQUIPMENT
• DECONTAMINATION D'UN EQUIPEMENT DE TRAITEMENT DE PLAQUETTES SUPERCRITIQUE
- (71) SUPERCritical SYSTEMS, INC. [US/US]; 2120 West Guadalupe Road, Gilbert, AZ 85233 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) SCHILLING, Paul, E.; 8407 Seeno Avenue, Granite Bay, CA 95746 (US). HILLMAN, Joseph; 7777 East Main Street, Apt. #311, Scottsdale, AZ 85251 (US).
- (74) HAVERSTOCK, Thomas, B.; Haverstock & Owens LLP, 162 North 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 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 G03F
- (11) WO 2004/104698 (13) A2
- (21) PCT/US2004/015531
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 60/641,609 19 May/mai 2003 US (19.05.2003)
- (30) 10/847,891 18 May/mai 2004 US (18.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIELECTRIC MATERIALS TO PREVENT PHOTORESIST POISONING
• MATIERES DIELECTRIQUES DE PREVENTION D'UN EMPOISONNEMENT A LA PHOTORESINE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72, 75) NGUYEN, Son, Van; 16075 Blossom Hill Road, Los Gatos, CA 95032 (US). ARMACOST, Michael, D. [US/US]; 6546 Woodcliff Drive, San Jose, CA 95123 (US). NAIK, Mehul [IN/US]; 3088 Valleywood Ct., San Jose, CA 95148 (US). DIXIT, Girish, A. [IN/US]; 3528 Rserve Court, San Jose, CA 95135 (US). YIEH, Ellie, Y. [US/US]; 5888 Pistoia Way, San Jose, CA 95138 (US).
- (74) TACKETT, Keith M. et al. / etc.; Moser, Patterson & Sheridan, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056-6582 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G03F 1/08, H01L 21/027
- (11) WO 2004/104699 (13) A1
- (21) PCT/JP2003/006512
- (22) 26 May/mai 2003 (26.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CORRECTION OF PATTERN DIMENSION
• CORRECTION DE DIMENSION DE MOTIF
- (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) OSAWA, Morimi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YAO, Teruyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ASAI, Satoru [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 US.

(51)⁷ G03F 1/08, H01L 21/027

(11) WO 2004/104700 (13) A1

(21) PCT/JP2004/007173

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) PCT/JP03/06512 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PATTERN DIMENSION CORRECTION DEVICE AND METHOD, PHOTO MASK, AND TEST PHOTO MASK

• DISPOSITIF ET PROCÉDE DE CORRECTION DES DIMENSIONS DES TRACES, MASQUE PHOTOGRAPHIQUE ET MASQUE PHOTOGRAPHIQUE D'ESSAI

(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) OSAWA, Morimi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP). YAO, Teruyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP). ARIMOTO, Hiroshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP). ASAI, Satoru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP).

(74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building 17-8, Higashi-Ikebukuro 1-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 VN VY 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 G03F 7/00, 7/11, B41N 1/12

(11) WO 2004/104701 (13) A1

(21) PCT/JP2004/006245

(22) 10 May/mai 2004 (10.05.2004)

(25) ja (26) ja

(30) 2003-146713 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOTSENSITIVE STRUCTURE FOR FLEXOGRAPHIC PRINTING

• STRUCTURE PHOTSENSIBLE POUR UNE IMPRESSION FLEXOGRAPHIQUE

(71) Asahi Kasei Chemicals Corporation [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) MATSUMOTO, Masaki [JP/JP]; Nishi-apato 445, 100, Kawanarijima, Fuji-shi, Shizuoka, 4160939 (JP). YAMADA, Hiroshi [JP/JP]; 19-13, Kobaracho 2-chome, Mishima-shi, Shizuoka, 4110031 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 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 VN VY 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 G03F 7/039

(11) WO 2004/104702 (13) A1

(21) PCT/JP2004/007139

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-141805 20 May/mai 2003 JP
(20.05.2003)(30) 2003-426503 24 Dec/déc 2003 JP
(24.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHEMICALLY AMPLIFIED POSITIVE PHOTO RESIST COMPOSITION AND METHOD FOR FORMING RESIST PATTERN

• COMPOSITION DE RESINE PHOTOSENSIBLE POSITIVE A AMPLIFICATION CHIMIQUE ET PROCÉDE DE FORMATION D'UN MOTIF EN RESINE PHOTSENSIBLE

(71) TOKYO OHKA KOGYO CO., LTD. [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP).

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

(72, 75) MARUYAMA, Kenji [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). KURIHARA, Masaki [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). MIYAGI, Ken [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). NIKURA, Satoshi [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). SHIMATANI, Satoshi [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). MASUJIMA, Masahiro [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko,

Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). NITTA, Kazuyuki [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). YAMAGUCHI, Toshihiro [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). DOI, Kosuke [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 VY 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 G03F 7/039

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(21) PCT/JP2004/007206

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(30) 2003-144700 22 May/mai 2003 JP
(22.05.2003)(30) 2003-426503 24 Dec/déc 2003 JP
(24.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHEMICALLY AMPLIFIED POSITIVE PHOTO RESIST COMPOSITION AND METHOD FOR FORMING RESIST PATTERN

• COMPOSITION DE PHOTOESINE POSITIVE AMPLIFIEE CHIMIQUEMENT ET PROCÉDE DE FORMATION DE MOTIF DE RESINE

(71) TOKYO OHKA KOGYO CO., LTD. [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP).

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(72, 75) NAKAGAWA, Yusuke [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). HIDESEKA, Shinichi [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). MARUYAMA, Kenji [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). SHIMATANI, Satoshi [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). MASUJIMA, Masahiro [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). NITTA, Kazuyuki [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150,

Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G03F 7/11, 7/42

(11) WO 2004/104704 (13) A2

(21) PCT/EP2004/005428

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 350.4 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LITHOGRAPHIC METHOD FOR PRODUCING MICROCOMPONENTS

• PROCEDE LITHOGRAPHIQUE DE FABRICATION DE MICROCOMPOSANTS

(71) INSTITUT FÜR MIKROTECHNIK MAINZ GMBH [DE/DE]; Carl-Zeiss-Strasse 18-20, 55129 Mainz (DE).

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(72, 75) SINGLETON, Laurence [IE/DE]; Feldbergplatz 1, 55118 Mainz (DE). SCHEURER, Jörg [DE/DE]; Wiesenweg 27A, 53121 Bonn (DE).

(74) INSTITUT FÜR MIKROTECHNIK MAINZ GMBH; Abteilung Controlling/Patentwesen, Carl-Zeiss-Strasse 18-20, 55129 Mainz (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G03F 7/11

(11) WO 2004/104705 (13) A1

(21) PCT/US2004/014075

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 10/441,550 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PREPARING IMAGING MEMBER WITH MICROGEL PROTECTIVE LAYER

• PREPARATION D'UN ELEMENT D'IMAGERIE AU MOYEN D'UNE COUCHE DE PROTECTION A MICRO-GEL

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).

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(72, 75) LEON, Jeffrey [US/US]; 123 French Road, Rochester, New York 14618 (US). BAILEY, David [US/US]; 920 Joylene Drive, Webster, New York 14580 (US).

(74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, New York 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G03F 7/11

(11) WO 2004/104706 (13) A1

(21) PCT/US2004/014351

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/441,715 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGING MEMBER WITH MICROGEL PROTECTIVE LAYER

• ELEMENT D'IMAGERIE A COUCHE DE PROTECTION DE MICROGEL

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).

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

(72, 75) LEON, Jeffrey Wade [US/US]; 123 French Road, Rochester, New York 14618 (US). BAILEY, David Benedict [US/US]; 920 Joylene Drive, Webster, New York 14580 (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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G03F 7/20

(11) WO 2004/104707 (13) A2

(21) PCT/IB2004/050734

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 03101475.6 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR CLEANING AT LEAST ONE OPTICAL COMPONENT

• PROCEDE ET DISPOSITIF POUR NETTOYER AU MOINS UN COMPOSANT OPTIQUE

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

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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

(72, 75) **ZINK, Peter** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **PANKERT, Joseph** [BE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **DERRA, Günther** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **WEBER, Achim** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) **VOLMER, Georg**; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G03F 7/20

(11) WO 2004/104708 (13) A2

(21) PCT/US2004/014369

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/440,624 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STEREOLITHOGRAPHIC SEAL AND SUPPORT STRUCTURE FOR SEMI-CONDUCTOR WAFER

• JOINT D'ETANCHEITE STEREOLITHOGRAPHIQUE ET STRUCTURE DE SUPPORT DESTINEE A UNE TRANCHE SEMI-CONDUCTRICE

(71) **3D SYSTEMS, INC.** [US/US]; 26081 Avenue Hall, Valencia, CA 91355 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIS, Stewart, A.** [US/US]; 1221 North Wiatt Way, La Habra, CA 90631 (US). **FLAHARTY, Grant, R.** [US/US]; 629 Fletcher Lane, Grand Junction, CO 81505 (US).

(74) **D'ALESSANDRO, Ralph**; 3D Systems, Inc., 26081 Avenue Hall, Valencia, CA 91355 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G03G 5/10

(11) WO 2004/104709 (13) A1

(21) PCT/JP2004/007204

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145681 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BASE FOR PHOTSENSITIVE DRUM AND PHOTSENSITIVE DRUM

• BASE DE TAMBOUR PHOTSENSIBLE ET TAMBOUR PHOTSENSIBLE

(71) **Bridgestone Corporation** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1040031 (JP).

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(72, 75) **SUZUKI, Takahiro** [JP/JP]; c/o Technical Center, Bridgestone Corporation, 1-1, Ogawahigashi-cho 3-chome, Kodaira-shi, Tokyo, 1878531 (JP). **MACHIDA, Kunio** [JP/JP]; c/o Technical Center, Bridgestone Corporation, 1-1, Ogawahigashi-cho 3-chome, Kodaira-shi, Tokyo, 1878531 (JP). **NISHIMURO, Youichi** [JP/JP]; c/o Technical Center, Bridgestone Corporation, 1-1, Ogawahigashi-cho 3-chome, Kodaira-shi, Tokyo, 1878531 (JP).

(74) **KOJIMA, Takashi**; GINZA OHTSUKA Bldg.2F, 16-12, Ginza 2-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 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 G03G 9/08

(11) WO 2004/104710 (13) A1

(21) PCT/JP2004/006842

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143348 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TONER, TONER PRODUCING METHOD, AND IMAGE FORMING METHOD

• TONER, PROCEDE DE PRODUCTION DE TONER ET PROCEDE DE FORMATION D'IMAGES

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).

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(72, 75) **AKAZAWA, Yoshiaki** [JP/JP]; 50-2-201, Aono-cho, Nara-shi, Nara, 6310841 (JP). **HAYASHI, Rika** [JP/JP]; 2-13-30, Saidaiji Kunimi-cho, Nara-shi, Nara, 6310823 (JP).

(74) **KOHNO, Takao**; KOHNO PATENT OFFICE, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka, 5400035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 G03G 21/00

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(21) PCT/JP2003/006406

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHT-SENSITIVE BODY DRUM, METHOD AND DEVICE FOR ASSEMBLING THE DRUM, AND IMAGE FORMING DEVICE USING THE DRUM

• TAMBOUR A CORPS PHOTSENSIBLE, PROCEDE ET DISPOSITIF D'ASSEMBLAGE DE CE TAMBOUR, ET DISPOSITIF DE FORMATION D'IMAGES UTILISANT CE TAMBOUR

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 100-0014 (JP).

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

(72, 75) **TAGUCHI, Susumu** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Fukuda-machi, Joetsu-shi, Niigata 942-8611 (JP).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 KE 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 G04C 3/00, 17/00

(11) WO 2004/104712 (13) A1

(21) PCT/EP2004/004548

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/472,042 20 May/mai 2003 US (20.05.2003)

(30) 10/737,406 16 Dec/déc 2003 US (16.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND CONSTRUCTION FOR AUTOCALIBRATING A BIDIRECTIONAL DISPLAY HAND IN AN ELECTRONIC TIMEPIECE

• PROCEDE ET CONSTRUCTION DESTINES A L'AUTO-ETALONNAGE D'UNE AIGUILLE D'AFFICHAGE BIDIRECTIONNELLE DANS UN APPAREIL HORAIRE ELECTRONIQUE

(71) TIMEX GROUP B.V. [NL/NL]; Koningslaan 34, NL-1075 AD Amsterdam (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72) STOTZ, Gerhard; Kirchsteige 43, 75239 Eisingen (DE). PLANCON, Michel, G.; 10B Chemin des Justices, F-25000 Besançon (FR). ZACHMANN, Helmut; Im Rueck 5, 75196 Remchingen (DE).

(74) BOYDELL, John, Christopher; Stevens Hewlett & Perkins, Halton House, 20/23 Holborn, 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 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 G04G 11/00, 15/00

(11) WO 2004/104713 (13) A1

(21) PCT/EP2004/005395

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 203 08 030.0 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR DISPLAYING TIME

• DISPOSITIF D'AFFICHAGE TEMPOREL

(71, 72) GIERSEFEN, Werner [DE/DE]; Scheidtstrasse 131, 42369 Wuppertal (DE).

(74) ZAPF, Christoph et al. / etc.; Schloßbleiche 20, 42103 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 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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(21) PCT/SE2004/000790

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0301531-0 22 May/mai 2003 SE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A CONTROL METHOD FOR A ROBOT
• PROCEDE DE COMMANDE D'UN ROBOT

(71) ABB AB [SE/SE]; Kopparbergsvägen 2, S-721 83 VÄSTERÅS (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KOCK, Sönke [DE/DE]; Im Schöffenstein 22, 64319 Pfungstadt (DE). MÜLLER, Christian H [DE/DE]; Bordhofstrasse 2, 68526 Ladenburg (DE). BROGÅRDH, Torgny [SE/SE]; Plåtverksgatan 140, S-72479 Västerås (SE). BERGSJÖ, Jesper [SE/SE]; Slalomgatan 18, S-722 40 Västerås (SE). OLEVIK, Andreas [SE/SE]; Repslagargatan 6, S-724 60 Västerås (SE). MOBERG, Stig [SE/SE]; Kokhusgatan 16, S-724 81 Västerås (SE).

(74) ABB AB; Legal & Compliance/Intellectual Property, Forskargränd 8, S-721 78 Västerås (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 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 G05B 19/4093, B23C 3/18, 5/10

(11) WO 2004/104715 (13) A1

(21) PCT/DE2004/000809

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 22 342.8 17 May/mai 2003 DE (17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CUTTING FREEFORM SURFACES, CUTTING TOOL AND USE OF SAID CUTTING TOOL

• PROCEDE POUR FRAISER DES SURFACES A FORME LIBRE, OUTIL DE FRAISAGE ET UTILISATION DE CET OUTIL DE FRAISAGE

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GLÄSSER, Arndt [DE/DE]; Olchinger Strasse 45, 85221 Dachau (DE). HEINRICH, Stefan [DE/DE]; Selibertstrasse 7, 82276 Adelshofen (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/104716 (13) A1

(21) PCT/US2004/011205

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/439,954 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCHEDULING MULTI-ROBOT PROCESSING SYSTEMS

• PROGRAMMATION DE SYSTEMES DE TRAITEMENT MULTI-ROBOTS

(71) FSI INTERNATIONAL, INC. [US/US]; 3455 Lyman Boulevard, MS4-8448, Chaska, MN 55318-3052 (US). THE UNIVERSITY OF TEXAS AT DALLAS [US/US]; 2601 North Floyd Road, Richardson, TX 75088 (US).

(72) RAMANAN, Natarajan; 3524 Grand Mesa Drive, Plano, TX 75025-6618 (US). GEISMAR, H., Neil; 9343 Forest Hills Boulevard, Dallas, TX 75218-3634 (US). SRISKANDARAJAH, Chelliah; 612 Snead Drive, Plano, TX 75025-6145 (US).

(74) PANKRATZ, Kurt, M.; Baker, Boots, LLP, 2001 Ross Avenue, Suite 600, 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ G05D 1/10, B64G 1/28, B63H 25/42

(11) WO 2004/104717 (13) A1

(21) PCT/ES2004/000174

(22) 23 Apr/avr 2004 (23.04.2004)

(25) es (26) es

(30) P200301184 21 May/mai 2003 ES
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMIC SYSTEM FOR CONTROL-
LING MOBILE APPARATUS

• SYSTEME DYNAMIQUE DE COM-
MANDE D'UN APPAREIL MOBILE

(71) ADVANCED DYNAMICS, S.A. [ES/ES];
Pedro de Valdivia, 31, E-28006 Madrid (ES).
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les États désignés sauf US)

(72) BARCELÓ RICO-AVELLÓ, Gabriel; C/
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(74) FERNANDEZ-VEGA FEIJOO, Maria,
C.; c/ Joaquín Costa, 51, E-28002 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 G05D 9/00

(11) WO 2004/104718 (13) A1

(21) PCT/US2003/041307

(22) 24 Dec/déc 2003 (24.12.2003)

(25) en (26) en

(30) 10/439,664 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WIND POWER MANAGEMENT SYS-
TEM AND METHOD

• SYSTEME ET PROCEDE DE GESTION
DE L'ENERGIE EOLIENNE

(71) SEAWEST HOLDINGS, INC. [US/US];
Roberts, David, C., Prasentia, LLC, 7676
Hazard Center Drive, Suite 500, San Diego,
CA 92108 (US).

(72) GHOSH, Soumen; 1733 Via Lugano, San
Jose, CA 95120 (US). GOINS, John; 29065
Whitegate Lane, Highland, CA 92346 (US).
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ROBERTS, David; 739 River Rock Road,
Chula Vista, CA 91914 (US). SHIRELING,
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(74) KLEINKE, Bernard; Duckor Spradling &
Metzger, 401 West A Street, Suite 2400, San
Diego, CA 92101-7915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ G05D 15/01, A61F 5/04

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(21) PCT/JP2004/006939

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-183560 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER ASSIST CONTROL DEVICE
AND METHOD, AND REPOSITION
DEVICE

• DISPOSITIF ET PROCEDE DE COM-
MANDE D'ASSISTANCE, ET DISPOSI-
TIF DE REPOSITIONNEMENT

(71) THK CO., LTD. [JP/JP]; 11-6, Nishi
Gotanda 3-chome, Shinagawa-ku, Tokyo,
1418503 (JP).
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les États désignés sauf US)

(71, 72) MITSUISHI, Mamoru [JP/JP]; 1-2-2-
905, Ojima, Koto-ku, Tokyo, 1360072 (JP).

(72, 75) WARISAWA, Shinichi [JP/JP]; 3-3-5-D,
Nakanobu, Shinagawa-ku, Tokyo, 1420053
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Nishiashiya-cho, Ashiya-shi, Hyogo,
6590085 (JP). SUGANO, Nobuhiko [JP/JP];
3-33-3, Momoyamada, Suita-shi, Osaka,
5650854 (JP). ISHIZUKA, Tatsuya [JP/JP];
936-1-406, Yahata-cho, Soka-shi, Saitama,
3400006 (JP). NAKAZAWA, Toji [JP/JP];
c/o THK CO., LTD., 11-6, Nishi Gotanda
3-chome, Shinagawa-ku, Tokyo, 1418503
(JP).

(74) SERA, Kazunobu 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 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 G05G 1/10, H01H 9/18

(11) WO 2004/104720 (13) A1

(21) PCT/EP2004/005549

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 103 23 542.6 24 May/mai 2003 DE
(24.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ROTARY KNOB FOR AN OPERATOR
PANEL

• BOUTON TOURNANT POUR DISPOSI-
TIF DE COMMANDE

(71) PREH GMBH [DE/DE]; An der Stadthalle,
97616 Bad Neustadt a.d. Saale (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ERDLOFF, Dirk [DE/DE]; Am
Kreuzweg 5, 97724 Burglauer (DE).

(74) THUL, Hermann; Rheinmetall AG,
Patentabteilung, Rheinmetall Allee 1, 40476
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 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 G06F

(11) WO 2004/104721 (13) A2

(21) PCT/IB2004/001635

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 0311670.4 21 May/mai 2003 GB
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BETTING TERMINAL WITH WATCH-
DOG FACILITY

• TERMINAL DE PARIDOTE D'UN TEM-
PORISATEUR

(71) **WATERLEAF LIMITED** [GB/GB]; 1st Floor, 28 Victoria Street, Douglas, IM1 2LE Isle of Man (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSHAL, Martin** [ZA/GB]; c/o 69 Athol Street, Douglas, IM1 1JE Isle of Man (VG).

(74) **BOWMAN GILFILLAN (JOHN & KERNICK)**; P O Box 3511, Halfway House, 1685 Midrand (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 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 **G06F**

(11) **WO 2004/104722** (13) A2

(21) PCT/US2003/034884

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 10/437,128 **13 May/mai 2003** US (13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **SYSTEM AND METHOD FOR BOUNDARY SCAN TEST OF A WIRED OR WIRELESS NETWORK**

• **PROCEDE ET SYSTEME DE CHAÎNE DE TEST PÉRIPHÉRIQUE D'UN RESEAU FILAIRE OU HERTZIEN**

(71) **KIYON, INC.** [US/US]; 4225 Executive Square, Suite 550, La Jolla, CA 92037 (US).

(72) **GILLIES, Donald, W.**; 4448 Cather Avenue, San Diego, CA 92122 (US). **WANG, Weilin**; 12766 Sea Breeze Farms Drive, San Diego, CA 92130 (US). **NOVA, Michael, P.**; 2929 Sandy Point, Del Mar, CA 92014 (US).

(74) **RAWLINS, Patric, J.**; Procopio, Cory, Hargreaves & Savitch LLP, 530 B Street, Suite 2100, San Diego, CA 92101 (US).

(81) AE AG AL 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104723** (13) A2

(21) PCT/US2003/041479

(22) **30 Dec/déc 2003 (30.12.2003)**

(25) en (26) en

(30) 10/430,105 **7 May/mai 2003** US (07.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **USER CREATED VIDEO BOOK-MARKS**

• **SIGNETS POUR VIDEO CREES PAR UN UTILISATEUR**

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

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(72, 75) **JOHNSON, Carolyn, Rae** [US/US]; 10736 Cornerstone Court, Indianapolis, IN 46280 (US).

(74) **TRIPOLI, Joseph, S. et al. / etc.**; Thomson Licensing Inc., 2 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104724** (13) A2

(21) PCT/US2004/011224

(22) **12 Apr/avr 2004 (12.04.2004)**

(25) en (26) en

(30) 60/470,327 **14 May/mai 2003** US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PUSH/PULL CLIP FEED CONFIGURATION FOR SELECTIVELY DELIVERING OR WITHDRAWING A CLIP TO ALLOW OUTPUT OF ONE CLIP ALONE OR TWO CLIPS CONCURRENTLY AND ASSOCIATED DEVICES, METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS**

• **CONFIGURATION D'ALIMENTATION DE CLIPS A TRACTION ET POUSSÉE PERMETTANT DE DISTRIBUER OU DE RETIRER SELECTIVEMENT UN CLIP AFIN DE PERMETTRE LA SORTIE D'UN SEUL CLIP OU DE DEUX CLIPS SIMULTANEMENT ET DISPOSITIFS, PROCÉDES, SYSTÈMES ET PRODUITS-PROGRAMMES INFORMATIQUES ASSOCIÉS**

(71) **DELAWARE CAPITAL FORMATION, INC.** [US/US]; 1403 Foulk Road, Wilmington, DE 19803 (US).

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

(72, 75) **WILKINS, Bryan E.** [US/US]; 3721 Wesley Drive, Apex, NC 27539 (US). **POTEAT, W. Mark** [US/US]; 510 East Academy Street, Fuquay-Varina, NC 27526 (US).

(74) **RICHARDSON, Julie, H.**; 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 **G06F**

(11) **WO 2004/104725** (13) A2

(21) PCT/US2004/012398

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/441,989 **20 May/mai 2003** US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF DISPOSABLE COMMAND ENCODING (DCE) FOR SECURITY AND ANONYMITY PROTECTION IN INFORMATION SYSTEM OPERATIONS**

• **PROCEDE DE CODAGE D'INSTRUCTIONS JETABLES (DCE) UTILISE DANS DES SYSTEMES D'INFORMATION A DES FINS DE SECURITE ET DE PROTECTION DE L'ANONYMAT**

(71) **IPDC, L.L.C.** [US/US]; 905 Brestol Ct. E., Bedford, TX 76021 (US).

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(72, 75) **SYVODID, Viktor** [UA/UA]; 3 Voronikhina St., Apt.#26, Zaporozhye, 69096 (UA). **Kryvoruchko, Anton** [UA/UA] (UA).

(74) **MANTOOTH, Geoffrey, A.**; Decker, Jones, McMackin, McClane, Hall & Bates, 801 Cherry Street, Suite 2000, Unit#46, Fort Worth, TX 76102 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/104726 (13) A2

(21) PCT/US2004/013006

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/437,385 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR MANAGING A NON-QUALIFIED DEFERRED COMPENSATION PROGRAM USING HEDGING

• PROCEDE ET SYSTEME DE GESTION D'UN PROGRAMME DE COTISATION DIFFERE NON QUALIFIE AU MOYEN DE LA COUVERTURE

(71) BANCORP SERVICES, L.L.C [US/US]; 12800 Corporate Hill Drive, Suite 300, St. Louis, MO 63131 (US).

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(72, 75) GARLICH, Chris [US/US]; 7953 Park Drive, St. Louis, MO 63117 (US). KOPPESE, Seth [US/US]; 8502 East Sutton Drive, Scottsdale, AZ 85260 (US). MEIER, Bill [US/US]; 17 Morwood Lane, St. Louis, MO 63141 (US). GILJE, Mark [US/US]; 42 Rolling Rock Court, St. Louis, MO 63124 (US).

(74) SPIVAK, Marvin, J.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104727 (13) A2

(21) PCT/US2004/013304

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,298 16 May/mai 2003 US (16.05.2003)

(30) 10/628,824 28 Jul/juil 2003 US (28.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERSONAL PROCEDURE AGENT

• AGENT DE PROCEDURE PERSONNEL

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).

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(72, 75) MOORE, Dennis, B. [US/US]; 2856 Hillside Drive, Burlingame, CA 94010 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner LLP, 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104728 (13) A2

(21) PCT/US2004/013309

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,940 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR FACILITATING DATA PROCESSING WORKFLOW

• PROCEDES ET SYSTEMES DESTINES A FACILITER LE DEROULEMENT DES OPERATIONS DE GESTION DE DONNEES

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).

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(72, 75) WOOD, Eric [US/US]; 573 Menlo Oaks Drive, Menlo Oaks, CA 94025 (US). TSO, Emil [—/US]; 4153 El Camino Way, Apt. F, Palo Alto, CA 94306 (US). LEE, Chih-hao [—/US]; 181 Del Medio Avenue, #306, Mountain View, CA 94040 (US).

(74) GARRETT, Arhtur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner LLP1300 I Street, NW, 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 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 G06F

(11) WO 2004/104729 (13) A2

(21) PCT/US2004/013741

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/441,714 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR QUERY RESULT CACHING

• SYSTEME ET PROCEDE POUR METTRE EN ANTEMEMOIRE LE RESULTAT D'UNE INTERROGATION

(71) TERACRUZ, INC. [US/US]; 650 Sun Temple Drive, Madison, AL 35758 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) EWING, David, B.; 266 Natchez Trail, Huntsville, AL 35806 (US). BANKS, Kevin, R.; 325 Holly Springs Drive, Madison, AL 35758 (US). MARTINDALE, Rick, A.; 144 Misty Hollow Way, Huntsville, AL 35806 (US).

(74) SHOWALTER, Barton, E. et al. / etc.; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).

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

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 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 G06F

(11) WO 2004/104730 (13) A2

(21) PCT/US2004/014217

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/440,681 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMICALLY SELF-ADJUSTING POLLING MECHANISM

• MECANISME DE SCRUTATION A AJUSTEMENT AUTOMATIQUE DYNAMIQUE

(71) EMULEX DESIGN & MANUFACTURING CORPORATION [US/US]; 3333 Susan Street, Costa Mesa, CA 92626 (US).

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(72, 75) BARRETT, David, Michael [US/US]; c/o Emulex Design & Manufacturing Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US).

(74) KUBOTA, Glenn, M.; Morrison & Foerster L.L.P., Suite 3500, 555 W. Fifth Street, 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 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 G06F

(11) WO 2004/104731 (13) A2

(21) PCT/US2004/014475

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/440,855 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEMORY DATA INTERFACE

• INTERFACE DE MEMOIRE 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, 75) PEEL, Eric [US/US]; Emulex Design & Manufacturing Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US). XUE, Qing [US/US]; Emulex Design & Manufacturing Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US). SU, Sam [US/US]; Emulex Design & Manufacturing Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US). HOLNESS, Stephen, Eugene [US/US]; Emulex Design & Manufacturing 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 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 G06F

(11) WO 2004/104732 (13) A2

(21) PCT/US2004/014559

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/249,895 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING RELEVANT ADVERTISEMENT INTERNET HYPERLINKS

• PROCEDE ET SYSTEME DE CREATION D'HYPERLIENS PUBLICITAIRES SUR INTERNET

(71) EMERGENCY 24, INC. [US/US]; 4179 W. Irving Park Road, Chicago, IL 60641-2906 (US).

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

(72, 75) MONTEVERDE, Dante [US/US]; 53 Hawthorne Lane, Barrington Hills, IL 60010 (US).

(74) LANSER, Joseph, R.; Seyfarth Shaw LLP, 55 East Monroe Street, Suite 4200, Chicago, IL 60603-5803 (US).

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

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 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 G06F

(11) WO 2004/104733 (13) A2

(21) PCT/US2004/014647

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/441,880 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE MONITORING SYSTEM

• SYSTEME DE SURVEILLANCE DE VEHICULE

(71, 72) GOTFRIED, Bradley, L. [AU/US]; 8949 SE Bridge Road, Hobe Sound, FL 33455 (US).

(74) RODMAN, Steele, J., Jr.; 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 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 G06F

(11) WO 2004/104734 (13) A2

(21) PCT/US2004/014660

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/436,743 13 May/mai 2003 US (13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR AUTOMATED CUSTOMER FEEDBACK

• SYSTEME ET PROCEDE DE RETOUR AUTOMATIQUE AU CLIENT

(71) SBC PROPERTIES, L.P. [US/US]; 645 E. PLUMB LANE, RENO, NV 89502 (US).

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

(72, 75) PASQUALE, Theodore B. [US/US]; 12610 Riata Trace Parkway, #512, Austin, TX 78727 (US). BUSHEY, Robert R. [US/US]; 1117 Stillwell Ridge, Cedar Park, TX 78316 (US). KNOTT, Benjamin A. [US/US]; 8365 Liberty Walk Drive, Round Rock, TX 78681 (US).

(74) FELGER, Thomas R.; BAKER BOTTS L.L.P., 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 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).

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 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)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/104735 (13) A2

(21) PCT/US2004/014734

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/469,753 12 May/mai 2003 US (12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHODS AND SYSTEMS FOR GENERATING, DISTRIBUTING, AND SCREENING COMMERCIAL CONTENT
- PROCÉDES ET SYSTÈMES POUR PRODUIRE, DISTRIBUER, ET FILTRER DU CONTENU COMMERCIAL

(71) TEKELEC [US/US]; 26580 West Agoura Road, Calabasas, CA 91302 (US).
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(72, 75) DELANEY, Robert, J. [US/US]; 10612 Bent Twig Drive, Raleigh, NC 27613 (US). MARSICO, Peter, Joseph [US/US]; 1415 Preston Spring Lane, Chapel Hill, NC 27516 (US). EICHLER, Todd [US/US]; 1021 Home Garden Court, Wake Forest, NC 27587 (US). KOWIS, Gregory, P. [US/US]; 131 Trumbull Circle, Morrisville, NC 27560 (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 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 G06F

(11) WO 2004/104736 (13) A2

(21) PCT/US2004/014748

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/469,858 12 May/mai 2003 US (12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FIGURINES HAVING INTERACTIVE COMMUNICATION
- FIGURINES A COMMUNICATION INTERACTIVE

(71) STUPID FUN CLUB [US/US]; 701 Channing Way, Berkeley, CA 94710 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) WRIGHT, Will [US/US]; 701 Channing Way, Berkeley, CA 94710 (US). WINTER, Michael [US/US]; 701 Channing Way, Berkeley, CA 94710 (US). SIBIGTROT, Mathew [US/US]; 701 Channing Way, Berkeley, CA 94710 (US).

(74) HARRIMAN, J., D. Esq.; Coudert Brothers, 333 South Hope Street, 23rd 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 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 G06F

(11) WO 2004/104737 (13) A2

(21) PCT/US2004/014901

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,256 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND APPARATUS FOR NETWORK MANAGEMENT USING PERIODIC MEASUREMENTS OF INDICATORS
- PROCÉDE ET SYSTÈME DE GESTION DE RESEAU UTILISANT DES MESURES PERIODIQUES D'INDICATEURS

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KWAK, Joseph [US/US]; 482 Degas Road, Bolingbrook, IL 60440 (US).

(74) BALLARINI, Robert, J.; United Plaza, Suite 1600, 30 S. 17th 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 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 G06F

(11) WO 2004/104738 (13) A2

(21) PCT/US2004/014902

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,150 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND APPARATUS FOR TRACKING CUSTOMER PURCHASES USING A UNIQUE ANONYMOUS IDENTIFIER
- PROCÉDE ET SYSTÈME DE SUIVI DES ACHATS D'UN CLIENT AU MOYEN D'UN IDENTIFICATEUR ANONYME UNIQUE

(71) RITE-SOLUTIONS, ET AL. [US/US]; 1272 W. Main Street, Middletown, RI 02842 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAVOIE, James, Richard [US/US]; 67 Bennett Circle, Voluntown, CT 06384 (US). ANGELL, Robert, Charles [US/US]; 19 Parkside Drive, West Greenwich, RI 02817 (US). SANTINI, John, Amedeo, Jr. [US/US]; 85 Red Oak Way, Wakefield, RI 02879 (US).

(74) MASON, Kevin, M. et al. / etc.; Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104739 (13) A2

(21) PCT/US2004/014909

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,758 **14 May/mai 2003** US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR REDUCING INFORMATION LATENCY IN A BUSINESS ENTERPRISE

• PROCEDE ET SYSTEME DE REDUCTION DE LA LATENCE DES INFORMATIONS DANS UNE ENTREPRISE COMMERCIALE

(71) RHYSON, INC. [US/US]; 3815 River Crossing Parkway, Suite 100, Indianapolis, IN 46240 (US).

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

(72, 75) ALSHAB, Melanie, A. [US/US]; 7908 Westfield Boulevard, Indianapolis, IN 46240 (US). BALES, Peter, J. [US/US]; 101 Quiet Grove Court, St. Peters, MO 63376 (US). COVINGTON, Robert, D. [US/US]; 3312 West 34th Street, Indianapolis, IN 46222 (US). SAMPSON, Richard, A. [US/US]; 5265 Bevedere Drive, Indianapolis, IN 46228 (US). TROTTER, Lisa, M. [US/US]; 12398 Turkel Drive, Fishers, IN 46038 (US).

(74) ERDMAN, Kevin, R.; Baker & Daniels, 300 North Meridian Street, Suite 2700, 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 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 G06F

(11) WO 2004/104740 (13) A2

(21) PCT/US2004/014947

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/438,853 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARRANGEMENT FOR RETRIEVING ROUTING INFORMATION FOR ESTABLISHING A BIDIRECTIONAL TUNNEL BETWEEN A MOBILE ROUTER AND A CORRESPONDENT ROUTER

• AGENCEMENT POUR L'EXTRACTION D'INFORMATIONS D'ACHEMINEMENT EN VUE DE L'ETABLISSEMENT D'UN TUNNEL BIDIRECTIONNEL ENTRE UN ROUTEUR MOBILE ET UN ROUTEUR CORRESPONDANT

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).

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

(72, 75) MOLTENI, Marco [IT/FR]; 36, Vieux Chemin de St. Jean, F-06600 Antibes (FR). THUBERT, Pascal [FR/FR]; La Pinatelo Villa 13, Chemin des Bas Campons, F-06480 La Colle Sur Loup (FR). WETTERWALD, Patrick [FR/FR]; 32 Chemin de Saint Laurent, F-06800 Cagnes sur Mer (FR). VILLARI, Massimo [IT/IT]; Via Polveriera IV Traversa, Camaro Superiore, I-98151 Messina (IT). LEVY-ABEGNOLI, Eric, M. [FR/FR]; 1282, chemin de PeyreBelle, F-06560 Valbonne (FR).

(74) TURKEVICH, Leon, R. et al. / etc.; 2000 M Street, N.W., Suite 700, Washington, DC 20036-3307 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/104741 (13) A2

(21) PCT/US2004/014959

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,846 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTHENTICATION SYSTEM AND METHOD ALLOWING FOR SELECTION OF A LOCATION TO PERFORM VARIOUS AUTHENTICATION OPERATIONS

• PROCEDE ET SYSTEME D'AUTHENTIFICATION PERMETTANT DE SELECTIONNER LA LOCALISATION DE DIFFERENTES OPERATIONS D'AUTHENTIFICATION

(71) CROSS MATCH TECHNOLOGIES, INC. [US/US]; 3960 RCA Boulevard, Suite 6001, Palm Beach Gardens, FL 33410 (US).

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

(72, 75) SIEGEL, William, G. [US/US]; 189 Warm Springs Terrace, Wellington, FL 33414 (US). CANNON, Gregory, L. [US/US]; 9135 Indian River Run, Boynton Beach, FL 33437 (US).

(74) MESSINGER, Michael, V. 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/104742 (13) A2

(21) PCT/US2004/015015

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,349 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR GENERATING A REPORT USING A KNOWLEDGE BASE

• SYSTEME ET PROCEDE DE PRODUCTION D'UN RAPPORT AU MOYEN D'UNE BASE DE CONNAISSANCES

(71, 72) PEARSON, Philip [US/US]; 82 Fairview Place #7, Sea Cliff, NY 11579 (US).

ODLIVAK, Andrew [US/US]; 7 Katherine Court, Oakdale, NY 11769 (US). SHAPIRO, Marc [US/US]; 53 Shoreham Drive East, Dix Hills, NY 11746 (US). AGARWAL, Deepak [IN/US]; 141 Blueberry Lane, Hicksville, NY 11801 (US). DIVINKSY, Aaron [CA/US]; 104 Cliff Avenue, Sayville, NY 11782 (US). COTTON, Peter, B. [US/US]; 1557 Aztec Lane, Mt. Pleasant, SC 29466 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

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; (t) for all designations / pour toutes les désignations; (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 G06F

(11) WO 2004/104743 (13) A2

(21) PCT/US2004/015028

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/442,318 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CENTRAL DETERMINATION GAMING SYSTEM WHICH PROVIDES A PLAYER A CHOICE IN OUTCOMES
• SYSTEME DE JEU DE DETERMINATION CENTRAL FOURNISSANT A UN JOUEUR UN CHOIX EN TERMES DE RESULTATS

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROSAN, William, R. [US/US]; 4751 W. Creek Ridge Trail, Reno, NV 89509 (US).
WOLF, Bryan, D. [US/US]; 11935 Kernite Street, Reno, NV 89506 (US).

(74) MASIA, Adam, H.; 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 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 G06F

(11) WO 2004/104744 (13) A2

(21) PCT/US2004/015039

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,744 15 May/mai 2003 US (15.05.2003)

(30) 10/831,613 23 Apr/avr 2004 US (23.04.2004)

(30) 10/831,616 23 Apr/avr 2004 US (23.04.2004)

(30) 10/831,501 23 Apr/avr 2004 US (23.04.2004)

(30) 10/831,375 23 Apr/avr 2004 US (23.04.2004)

(30) 10/831,614 23 Apr/avr 2004 US (23.04.2004)

(30) 10/830,960 23 Apr/avr 2004 US (23.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR ESTABLISHING AND PROVIDING ACCESS TO AN ONLINE ACCOUNT

• SYSTEME ET PROCEDE POUR ETABLIR ET FOURNIR L'ACCES A UN COMPTE EN LIGNE

(71) CANTOR INDEX LLC [US/US]; 135 E. 57th Street, New York, NY 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROSTHWAITE, Dominic [GB/GB]; Flat 2, 88 Huron Road, London SW17 8RD (GB).
FINDLAY, Lewis, C. [GB/GB]; 80 Sydney Street, London SW3 6NJ (GB).
BURGIS, Adam [GB/GB]; 31A Lorne Road, Finsbury Park, London N4 3RU (GB).

(74) BHAVSAR, Samir, A.; Baker Botts L.L.P., Suite 600, 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

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

Declarations / Déclarations :

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

(51)⁷ G06F

(11) WO 2004/104745 (13) A2

(21) PCT/US2004/015089

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,768 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFRARED SIGNAL DISTRIBUTION AND MANAGEMENT SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE REPARTITION ET DE GESTION DE SIGNAUX INFRAROUGES

(71) DIGITAL DECK, INC. [US/US]; 3 Twin Dolphin Drive, Suite 160, Redwood City, CA 95065 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) SCHEELKE, Erik; 1010 Kenmore Court, Cupertino, CA 95014 (US).

(74) HAVERSTOCK, Thomas, B.; Haverstock & Owens LLP, 162 North 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 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 G06F

(11) WO 2004/104746 (13) A2

(21) PCT/US2004/015096

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,733 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROCESS FOR ESTIMATING AND REDUCING COST OF CYCLING

• PROCEDE PERMETTANT D'ESTIMER ET DE REDUIRE LE COUT D'UN FONCTIONNEMENT EN CYCLE

(71) APTECH ENGINEERING SERVICES, INC. [US/US]; 1253 Reamwood Avenue, Sunnyvale, CA 94089 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) LEFTON, Steven, A.; 4284 Manuela Avenue, Palo Alto, CA 94306 (US).
BESUNER, Philip, M.; 318 Marich Way, Los Altos, CA 94022 (US).

(74) HAVERSTOCK, Thomas, B.; Haverstock & Owens LLP, 162 North 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 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 G06F

(11) WO 2004/104747 (13) A2

(21) PCT/US2004/015116

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/440,487 16 May/mai 2003 US (16.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DOCUMENT MODIFICATION DETECTION AND PREVENTION
- DETECTION ET PREVENTION DE LA MODIFICATION DE DOCUMENTS
- (71) ADOBE SYSTEMS INCORPORATED [US/US]; 345 Park Avenue, San Jose, CA 95110 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PRAVETZ, James, D. [CA/US]; 820 Ticonderoga Drive, Sunnyvale, CA 94087-2248 (US). CHAUDHURY, Krish [IN/US]; 476 Donahe Drive, Milpitas, CA 95035 (US). AGRAWAL, Sunil, C. [IN/US]; 444 Saratoga Avenue, #27K, Santa Clara, CA 95050 (US).
- (74) BOROVOY, 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 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).

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 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)

(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 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 G06F
- (11) WO 2004/104748 (13) A2
- (21) PCT/US2004/015117
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/470,716 14 May/mai 2003 US (14.05.2003)

- (30) 10/843,147 10 May/mai 2004 US (10.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ADAPTIVE CACHING OF ANIMATION CONTROLS
- GESTION ADAPTATIVE EN AN-TEMEMOIRE DES COMMANDES D'ANIMATION
- (71) PIXAR [US/US]; 1200 Park Avenue, Emeryville, CA 94608 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLBY, Christopher [US/US]; 104 Hazel Lane, Piedmont, California 94611 (US).
- (74) HOLLANDER, Jonathan M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ G06F
- (11) WO 2004/104749 (13) A2
- (21) PCT/US2004/015119
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 60/470,767 14 May/mai 2003 US (14.05.2003)
- (30) 60/470,590 14 May/mai 2003 US (14.05.2003)
- (30) 10/884,048 11 May/mai 2004 US (11.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RIG BAKING
- CUISSON AU FOUR DES GREEMENTS
- (71) PIXAR [US/US]; 1200 Park Avenue, Emeryville, California 94608 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSON, John [US/US]; 32 Dutch Valley Lane, San Anselmo, California 94960 (US).
- (74) HOLLANDER, Jonathan, M. et al. / etc.; Two Embarcadero Center, 8th Floor, 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ G06F
- (11) WO 2004/104750 (13) A2
- (21) PCT/US2004/015143
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/470,023 13 May/mai 2003 US (13.05.2003)
- (30) 60/492,880 6 Aug/août 2003 US (06.08.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHODS OF SELLING AND ISSUING LOAN-BACKED INVESTMENT CERTIFICATES PROVIDING FOR INTEREST-ONLY PAYMENTS UNTILL, AND PRINCIPAL REPAYMENT AT, MATURITY
- PROCEDES POUR VENDRE ET EMETTRE DES CERTIFICATS D'INVESTISSEMENT ADOSSÉS A DES PRETS, AVEC PAIEMENT UNIQUEMENT DES INTERETS JUSQU'A ECHEANCE, ET REMBOURSEMENT DU PRINCIPAL A ECHEANCE

- (71, 72) MORAZAN, Nancy, G. [US/US]; 9422 Common Street, Suite 9, Baton Rouge, LA 70809 (US).

- (74) PATTY, Andrew, R., II et al. / etc.; Sieberth & Patty, L.L.C., 2924 Brakley Drive, Suite A-1, Baton Rouge, LA 70816 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ G06F
- (11) WO 2004/104751 (13) A2
- (21) PCT/US2004/015158
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/470,315 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WEB SITE DEVELOPMENT SOFTWARE
• LOGICIEL DE DEVELOPPEMENT DE SITE WEB

(71) QUOVADIX, INC. [US/US]; 6400 Fiddler's Green Circle, Englewood, CO 80111 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISAACSON, Cory [US/US]; 5500 Flatiron Parkway, Boulder, CO 80301 (US).

(74) MARTIN, Brian, D.; 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 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 G06F

(11) WO 2004/104752 (13) A2

(21) PCT/US2004/015164

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,284 16 May/mai 2003 US (16.05.2003)

(30) 60/471,567 16 May/mai 2003 US (16.05.2003)

(30) 10/817,013 2 Apr/avr 2004 US (02.04.2004)

(30) 10/817,683 2 Apr/avr 2004 US (02.04.2004)

(30) 10/817,045 2 Apr/avr 2004 US (02.04.2004)

(30) 10/817,682 2 Apr/avr 2004 US (02.04.2004)

(30) 10/817,050 2 Apr/avr 2004 US (02.04.2004)

(30) 10/817,046 2 Apr/avr 2004 US (02.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHODS AND SYSTEMS FOR ENABLING COLLABORATIVE AUTHORIZING OF HIERARCHICAL DOCUMENTS

• PROCEDES ET SYSTEMES PERMETTANT LA MISE EN OEUVRE DE LA CREATION CONJOINTE DE DOCUMENTS HIERARCHIQUES

(71) BLAST RADIUS, INC. [CA/CA]; 1146 Homer Street, Vancouver, BC V6B 2X6 (CA).

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

(72, 75) ELZA, Dethe [US/CA]; 1146 Homer Street, Vancouver, BC V6B 2X6 (CA).

COWARD, Ken [CA/CA]; 1146 Homer Street, Vancouver, BC V6B 2X6 (CA).
FLEGO, Anton [CA/CA]; 1146 Homer Street, Vancouver, BC V6B 2X6 (CA).
FERGUSSON, Michael [CA/CA]; 1146 Homer Street, Vancouver, BC V6B 2X6 (CA).

(74) SARATHY, Rajiv, P. 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 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 G06F

(11) WO 2004/104753 (13) A2

(21) PCT/US2004/015166

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,294 13 May/mai 2003 US (13.05.2003)

(30) 10/821,296 8 Apr/avr 2004 US (08.04.2004)

(30) 10/845,367 12 May/mai 2004 US (12.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FEDERATED SYSTEM FOR MONITORING PHYSICAL ASSETS

• SYSTEME FEDERE DESTINE A LA GESTION DE BIENS PHYSIQUES

(71) SAVI TECHNOLOGY, INC. [US/US]; 615 Tasman Drive, Sunnyvale, CA 94089 (US).
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(72, 75) RAJAPAKSE, Ravindra, U. [US/US]; 2206 Pine Street, San Francisco, CA 94115 (US).
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ALCOCK, Andrew, E., S. [GB/SG]; 23 Palm Grove Avenue, #04-28 Palm Grove Condominium, Singapore 547325 (SG).
JEYAKEERTHI, Jeyappragash [IN/US]; 3775 Flora Vista Avenue #501, Santa Clara, CA 95051 (US).
LEE, Gregory, Y., H. [SG/SG]; Blk 166 Tampines Street 12, #06-343, Singapore 521166 (SG).

(74) CARTWRIGHT, Dorian et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104754 (13) A2

(21) PCT/US2004/015169

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,349 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SYSTEM AND METHOD FOR MANAGING AN ENDOSCOPIC LAB

• SYSTEME ET PROCEDE DE GESTION D'UN LABORATOIRE D'ENDOSCOPIE

(71, 72) SHAPIRO, Marc [US/US]; 53 Shoreham Drive East, Dix Hills, NY 11746 (US).
ODLIVAK, Andrew [US/US]; 7 Katherine Court, Oakdale, NY 11769 (US).
PEARSON, Philip [US/US]; 82 Fairview Place #7, Sea Cliff, NY 11579 (US).
AGARWAL, Deepak [IN/US]; 141 Blueberry Lane, Hicksville, NY 11801 (US).
COHEN, Michael [US/US]; 73 - 23 136 Street, Flushing, NY 11367 (US).
DIVINSKY, Aaron [CA/US]; 104 Cliff Avenue, Sayville, NY 11782 (US).
LEE, Joan [US/US]; 7 Devon Road, Holbrook, NY 11741 (US).
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SEIDMAN, Ken [US/US]; 4450 Aspenwood Court, Marietta, GA 30062 (US).
WHATELY, Christopher [ZA/US]; 55 Shady View Crossing, Manorville, NY 11949 (US).
COTTON, Peter, B. [US/US]; 1557 Aztec Lane, Mt. Pleasant, SC 29466 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11350 (US).

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

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

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (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 G06F

(11) WO 2004/104755 (13) A2

(21) PCT/US2004/015219

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/249,873 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SWITCHING ARRANGEMENT AND METHOD FOR COMMUNICATIONS PLATFORM

• DISPOSITIF ET PROCEDE DE COMMUTATION DESTINES A UNE PLATE-FORME DE COMMUNICATION

(71, 72) SIMMONS III, George [US/US]; 1960 East 18th Street, Erie, PA 16510-1104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(74) WOODARD, Jon, L. et al. / etc.; McDonald, Illig, Jones and Britton LLP, 100 State Street-Suite 700, Erie, PA 16507-1459 (US).

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

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 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)

(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 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)
(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/104756 (13) A2

(21) PCT/US2004/015232

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,931 14 May/mai 2003 US (14.05.2003)

(30) 10/766,515 27 Jan/jan 2004 US (27.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED OBJECT BEND, SQUASH AND STRETCH METHOD AND APPARATUS

• PROCEDE ET DISPOSITIF DE PLIAGE, D'ECRASUREMENT ET D'ALLONGEMENT INTEGRES D'OBJETS

(71) PIXAR [US/US]; 1200 Park Avenue, Emeryville, CA 94608 (US).
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(72, 75) HUNTER, Steven, Clay [CA/US]; 107 Caselli Street, San Francisco, CA 94114 (US). MULLINS, David, H., II [US/US]; 89 Kingston Road, Kensington, CA 94707 (US). RUSS, Robert, H. [US/US]; 201 Schooner Court, Richmond, CA 94804 (US). WISE, William, A. [US/US]; 461 Hudson Street, Oakland, CA 94618 (US). SHEFFLER, William, F. [US/US]; 6524 Whitney Street, Oakland, CA 94609 (US). HOFFMAN, Christian, D. [US/US]; 6601 Saroni Drive, Oakland, CA 94611 (US).

(74) PANG, Stephen, Y. et al. / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104757 (13) A2

(21) PCT/US2004/015251

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/439,617 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR FACILITATING A TRANSACTION BETWEEN A MERCHANT AND A CONSUMER

• SYSTEME ET PROCEDE POUR FACILITER UNE TRANSACTION ENTRE UN MARCHAND ET UN CONSOMMATEUR

(71) AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC. [US/US]; American Express Tower, World Financial Center, New York City, NY 10285-4900 (US).

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

(72, 75) SMITH, Gerald W. [US/US]; 325 Sugarhill Drive, Clayton, New Jersey 08312 (US).

(74) SOBELMAN, Howard, I.; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

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

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/104758 (13) A2

(21) PCT/US2004/015254

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,407 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NETWORKED CHAT AND MEDIA SHARING SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE PARTAGE EN RESEAU DE CONVERSATIONS EN LIGNE ET DE CONTENU MULTIMEDIA

(71) **PICASA, INC.** [DE/US]; 130 West Union St., Pasadena, CA 91604 (US).
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(72, 75) **HERF, Michael** [US/US]; 10989 Bluffside Drive #3206, Studio City, CA 91604 (US). **BAILEY, Robert** [US/US]; 1423 Park Place #10, Santa Barbara, CA 93103 (US). **MCBARRON, Brian** [US/US]; 17 Country Farm Ln., Harrison City, PA 15636 (US).

(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 VV 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 G06F

(11) **WO 2004/104759** (13) A2

(21) PCT/US2004/015255

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,168 **16 May/mai 2003** US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR IMAGE SHARING OVER A NETWORK

• PROCEDES ET SYSTEME DE PARTAGE D'IMAGES SUR UN RESEAU

(71) **PICASA, INC.** [DE/US]; 130 West Union St., Pasadena, CA 91103 (US).
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(72, 75) **HERF, Michael** [US/US]; 10989 Bluffside Drive #3206, Studio City, CA 91604 (US). **MCBARRON, Brian** [US/US]; 17 Country Farm Ln., Harrison City, PA 15636 (US).

(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 VV 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 G06F

(11) **WO 2004/104760** (13) A2

(21) PCT/US2004/015296

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,185 **16 May/mai 2003** US (16.05.2003)

(30) 10/844,731 **13 May/mai 2004** US (13.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR IMPLEMENTING LOYALTY PROGRAMS USING PORTABLE ELECTRONIC DATA STORAGE DEVICES

• PROCEDES ET APPAREILS DE MISE EN OEUVRE DE PROGRAMMES DE FIDELISATION AU MOYEN DE DISPOSITIFS DE STOCKAGE DE DONNEES ELECTRONIQUES PORTABLES

(71) **HITACHI AMERICA, LTD.** [US/US]; 2000 Sierra Point Parkway, MS 250, Brisbane, CA 94005-1835 (US).

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(72, 75) **MONTEFELTRI, Regina** [US/US]; 346 E. 89th Street, Apt. 4C, New York, NY 10128 (US). **SMITH, David** [US/US]; Fulton County Jail, BKN 0338155, 901 Rice Street, Atlanta, GA 30318 (US).

(74) **STRAUB, Michael, P.**; Straub & Pokotylo, 620 Tinton Avenue, Building B, 2nd Floor, Tinton Falls, NJ 07724-3260 (US).

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

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 VV VN YU ZA ZM ZW 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 G06F

(11) **WO 2004/104761** (13) A2

(21) PCT/US2004/015328

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/439,958 **15 May/mai 2003** US (15.05.2003)

(30) 10/663,225 **16 Sep/sep 2003** US (16.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USER INTERFACE FOR AUTOMATED DIAGNOSTIC HEARING TEST

• INTERFACE UTILISATEUR POUR TEST AUDITIF DE DIAGNOSTIC AUTOMATISE

(71) **TYMPANY, INC.** [US/US]; 12807 Royal Drive, Ste. 101, Stafford, TX 77477 (US).
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(72, 75) **STOTT, Kenneth, R.** [US/US]; 12807 Royal Drive, Suite 101, Stafford, TX 77477 (US). **STOTT, Robert, L.** [US/US]; 12807 Royal Drive, Suite 101, Stafford, TX 77477 (US).

(74) **NGUYEN, Daniel, G.**; Jenkins & Gilchrist, 1401 McKinney, Ste. 2700, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV 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 G06F

(11) **WO 2004/104762** (13) A2

(21) PCT/US2004/015345

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,932 **16 May/mai 2003** US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS, METHOD AND COMPUTER READABLE MEDIUM FOR EVALUATING A NETWORK OF ENTITIES AND ASSETS

• APPAREIL, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR PERMETTANT D'EVALUER UN RESEAU D'ENTITES ET D'ACTIFS

(71) **BOOZ ALLEN HAMILTON, INC.** [US/US]; 8283 Greensboro Drive, McLean, Virginia 22102 (US).

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(72, 75) **HERMAN, Mark** [US/US]; 8517 Fox Run, Potomac, Maryland 20854 (US). **HATHAWAY, Melissa** [US/US]; 2046 Angelico Way, Vienna, Virginia 22189 (US). **SOBOTKA, Melvin** [US/US]; 8210 Elko Drive, Ellicott City, Maryland 21043 (US).

(74) **JACOBS, Leslie L., Jr.**; 555 Twelfth Street, N.W., Washington, DC 20004-1206 (US).

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

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F

(11) WO 2004/104763 (13) A2

(21) PCT/US2004/015358

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,112 16 May/mai 2003 US
(16.05.2003)

(30) 10/816,689 1 Apr/avr 2004 US
(01.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIPLAYER BIOFEEDBACK IN-
TERACTIVE GAMING ENVIRON-
MENT

• ENVIRONNEMENT DE JEU INTER-
ACTIF MULTIJOUER PRENANT
EN COMPTE DES SIGNAUX DE RE-
TROACTION BIOLOGIQUES

(71) HEALING RHYTHMS, LLC. [US/US];
3330 Eldorado Springs Drive, Boulder, CO
80025 (US).

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Springs Drive, Boulder, CO 80303 (US).
BELL, Crowin [US/US]; 3361 Eldorado
Springs Drive, Boulder, CO 80303 (US).
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les États désignés sauf US)

(74) KINNEAR, Brian et al. / etc.; Holland &
Hart, 555 17th Street, Suite 3200, Denver, CO
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 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 G06F

(11) WO 2004/104764 (13) A2

(21) PCT/US2004/015360

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,948 14 May/mai 2003 US
(14.05.2003)

(30) 10/766,758 27 Jan/jan 2004 US
(27.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MODEL REFERENCING METHOD
AND APPARATUS
• PROCEDE ET APPAREIL DE REFE-
RENCIEMENT DE MODELE

(71) PIXAR [US/US]; 1200 Park Avenue,
Emeryville, California 94608 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JENSEN, Robert [US/US]; 1805
Delaware Street, Berkeley, California 94703
(US). WITKIN, Andrew [US/US]; 5552
Golden Gate Avenue, Oakland, California
94618 (US).

(74) PANG, Stephen, Y. et al. / etc.; Townsend
And Townsend And Crew LLP, Two Embar-
cadero Center, 8th Floor, San Francisco, Cal-
ifornia 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 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 G06F

(11) WO 2004/104765 (13) A2

(21) PCT/US2004/015369

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,867 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR
CREATING AND VALIDATING AN
ENCRYPTED DIGITAL RECEIPT FOR
THIRD-PARTY ELECTRONIC COM-
MERCE TRANSACTIONS

• PROCEDE ET APPAREIL SERVANT
A CREER ET A VALIDER UN RECU-
PÉRERIQUE CHIFFRE POUR TRAN-
SACTIONS COMMERCIALES ELEC-
TRONIQUES DE TIERCES PARTIES

(71) HYPERSPACE COMMUNICATIONS,
INC. [US/US]; 32 S. Washington Street,
Suite 3, Easton, MD 21601 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAFF, Maurice, w. [US/US]; 9388
Bantry Road, Easton, Maryland 21601 (US).
FAHEY, Christopher [US/US]; 205 N. 6th
Street, Denton, Maryland 21629 (US).

(74) ROYLANCE, Stephen, M. et al. / etc.; 1950
Roland Clarke Place, Reston, VA 20191 (US).

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

SY TJ 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 G06F

(11) WO 2004/104766 (13) A2

(21) PCT/US2004/015389

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,630 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRESET KEY FOR A PROJECTION DE-
VICE

• CLE DE PREREGLAGE POUR DISPO-
SITIF DE PROJECTION

(71) INFOCUS CORPORATION [US/US];
27700B S.W. Parkway Avenue, Wilsonville,
OR 97070 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SALVATORI, Phillip, H. [US/US];
2155 Marvin Court N.W., Salem, OR 97304
(US). NASH, Randolph, W. [US/US]; 440
S.E. Lincoln Street, Sherwood, OR 97140
(US). ANDERSEN, Thomas, A. [NO/NO];
Buskogen 92, 1675 Krakeroy (NO).

(74) MCCOY, B. Anna; Kolisch Hartwell, P.C.,
520 S.W. Yamhill Street, Suite 200, Portland,
OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F

(11) WO 2004/104767 (13) A2

(21) PCT/US2004/015391

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,008 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MENU NAVIGATION

• PROCEDE DE NAVIGATION POUR
MENUS

(71) INFOCUS CORPORATION [US/US];
27700B SW Parkway Avenue, Wilsonville,
OR 97070 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SALVATORI, Phillip, H.** [US/US]; 2155 Marvin Court N.W., Salem, OR 97034 (US). **NASH, Randolph, W.** [US/US]; 440 S.E. Lincoln Street, Sherwood, OR 97140 (US). **ANDERSEN, Thomas, A.** [NO/NO]; Buskogen 92, N-1675 Krakeroy (NO).

(74) **McCOY, Anna, B.**; Kolisch Hartwell P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) **WO 2004/104768** (13) A2

(21) PCT/US2004/015403

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/470,435 **15 May/mai 2003** US (15.05.2003)

(30) 10/667,282 **17 Sep/sep 2003** US (17.09.2003)

(30) 60/556,106 **24 Mar/mar 2004** US (24.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR UTILIZING MULTIPLE SENSORS FOR MONITORING CONTAINER SECURITY, CONTENTS AND CONDITION
• PROCEDE ET SYSTEME METTANT EN OEUVRE DES CAPTEURS MULTIPLES POUR CONTROLER LA SECURITE, LE CONTENU ET L'ETAT D'UN RECIPIENT

(71) **ALL SET MARINE SECURITY AB** [SE/SE]; Gustavslundsvägen 151 A, S-167 14 Bromma (SE).

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

(72, 75) **MORTENSON, G., R.** [US/US]; 5604 Kelly Lane, Plano, TX 75093 (US). **BO-MAN, Hans** [SE/SE]; Vardshusslingan 6, S-112 65 Stockholm (SE). **BOHMAN, Karl** [SE/SE]; PO Hallmansgata 17, S-112 69 Stockholm (SE).

(74) **MOORE, Ashley, N. et al. / etc.**; Jenkins & Gilchrist, 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 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 G06F

(11) **WO 2004/104769** (13) A2

(21) PCT/US2004/015407

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 10/439,192 **15 May/mai 2003** US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR COMPUTER-BASED NEUROCOGNITIVE TESTING
• PROCEDES ET SYSTEMES DE TEST NEUROCOGNITIF AUTOMATISE

(71) **CNS VITAL SIGNS LLC** [US/US]; 1829 E. Franklin Street, Building 500, Chapel Hill, NC 27514 (US).

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

(72, 75) **BOYD, Alan, F.** [US/US]; 119 Pinecrest Road, Durham, NC 27705 (US). **HIBBLE, Geoffrey, M.** [AU/US]; 1021 Gapler Road, Boulder, CO 80303 (US). **WHITTAKER, Dion, B.** [NZ/AU]; 19 Vellgrove Avenue, Perth, West Australia 6147 (AU).

(74) **HUNT, Gregory, A.**; Jenkins, Wilson & Taylor, P.A., Suite 1400 University Tower, 3100 Tower Boulevard, Durham, NC 27713 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) **WO 2004/104770** (13) A2

(21) PCT/US2004/015419

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,281 **16 May/mai 2003** US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR RECEIVING RESPONSES UTILIZING DIGITAL PEN AND PAPER
• PROCEDE ET SYSTEME PERMETTANT DE RECEVOIR DES REPONSES TRANSMISES PAR UNE PERSONNE

UTILISANT UN STYLO NUMERIQUE ET DU PAPIER

(71) **EDUCATIONAL TESTING SERVICES** [US/US]; Rosedale Road, Princeton, NJ 08540 (US).

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

(72, 75) **CODY, Preston** [US/US]; 3115 Sable Crossing, San Antonio, TX 78232 (US). **ATTALI, Yigal** [IL/US]; 38 Hawk Road, Lawrenceville, NJ 08648 (US). **NEARY, William** [US/US]; 206 South Chancellor Street, Newton, PA 18940 (US).

(74) **MELNIK, W., Joseph**; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

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

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) **WO 2004/104771** (13) A2

(21) PCT/US2004/015432

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,191 **16 May/mai 2003** US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD USING PRESENCE IN A DATA NETWORK TO FACILITATE COMMUNICATION
• SYSTEME ET PROCEDE D'UTILISATION DE LA PRESENCE DANS UN RESEAU DE DONNEES EN VUE DE FACILITER LA COMMUNICATION

(71) **M-QUBE, INC.** [US/US]; The Prudential Tower, 800 Boylston Street-Suite 1400, Boston, MA 02199 (US).

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

(72) HEWES, Gerald; 43 Follen Road, Lexington, MA 02421 (US). PRIYADARSHAN, Esvar; 39 Cricket Lane, West Roxbury, MA 02132 (US).

(74) SAMUEL, Richard, I. et al. / etc.; Goodwin Procter LLP, 103 Eisenhower Parkway, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104772 (13) A2

(21) PCT/US2004/015486

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,223 16 May/mai 2003 US (16.05.2003)

(30) 10/844,067 11 May/mai 2004 US (11.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR SURVEY PROCESSING

• PROCEDE ET APPAREIL POUR TRAITER UNE ENQUETE

(71) PERSONNEL RESEARCH ASSOCIATES, INC. [US/US]; 1701 Golf Road, Tower 2, Suite 1100, Rolling Meadows, IL 60008 (US).

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

(72) MACEY, William H.; 1313 S. Pine Street, Arlington Heights, IL 60005 (US). HECK, Matthew W.; 4700 Thorntree Lane, Rolling Meadows, IL 60008 (US). ERICKSON, Aaron; 329 S. Scoville Ave H1, Oak Park, IL 60532 (US).

(74) HART, Herbert, D., III; McANDREWS, HELD & MALLOY, LTD., 500 West Madison, 34th Floor, 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 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 G06F

(11) WO 2004/104773 (13) A2

(21) PCT/US2004/015500

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,018 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR PLAYING VIDEO

• PROCEDE ET SYSTEME DE JEU VIDEO

(71) COMCAST CABLE HOLDING, LLC [US/US]; 1500 Market Street, 34th Floor, Philadelphia, PA 19102-2148 (US).

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

(72, 75) ELIA, Eric, J. [US/US]; 322 S. Quince Street, Philadelphia, PA 19107 (US). KELLY, Leslie, A. [US/US]; 12060B Little Patuxent Parkway, Columbia, MD 21044 (US). LANDIS, Jeremy, C. [US/US]; 2601 Pennsylvania Avenue, Philadelphia, PA 19130 (US). LANGDON, Kevin, M. [US/US]; 5508 Greene Street, Philadelphia, PA 19144 (US). RETUTA, Salve [US/US]; 2601 Pennsylvania Avenue, Apt. 425, Philadelphia, PA 19130 (US).

(74) BUSER, John, 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 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).

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 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)

(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 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)
(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/104774 (13) A2

(21) PCT/US2004/015528

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,691 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIMITING SCANS LOOSELY ORDERED AND/OR GROUPED RELATIONS USING NEARLY ORDERED MAPS

• LIMITATION DE BALAYAGES DE RELATIONS MAL GROUPEES ET/OU ORDONNEES AU MOYEN D'APPLICATIONS PRESQUE ORDONNEES

(71) NETEZZA CORPORATION [US/US]; 200 Crossing Boulevard, Framingham, MA 01702-4480 (US).

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

(72, 75) METZGER, John, K. [US/US]; 2 Hundreds Road, Westborough, MA 01581 (US). ZANE, Barry, M. [US/US]; 4 Cobblestone Circle, Wayland, MA 01778 (US). HINSHAW, Foster, D. [US/US]; 22 Campbell Park, Somerville, MA 02144 (US).

(74) THIBODEAU, David, J., Jr. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104775 (13) A2

(21) PCT/US2004/015532

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,959 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SYSTEM AND METHOD FOR DETERMINING A RETURN ON INVESTMENT

- SYSTEME ET PROCEDE DE DETERMINATION D'UN RETOUR SUR INVESTISSEMENT

(71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Neurottstrasse 16, 69190 Walldorf (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) **WALTERS, Gregory, A.**; Fish & Richardson P.C., P.A., 60 South 6th 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 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 **G06F**

(11) **WO 2004/104776** (13) A2

(21) PCT/US2004/015574

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/470,964 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD OF PROVIDING AN ONLINE USER WITH DIRECTORY LISTING INFORMATION ABOUT AN ENTITY

- SYSTEME ET PROCEDE PERMETTANT A UN UTILISATEUR EN LIGNE D'OBTENIR DES INFORMATIONS D'INSCRIPTION DANS L'ANNUAIRE RELATIVES A UNE ENTITE

(71) **DIRECTORY XPRESS INCORPORATED** [US/US]; 1220 N. Market Street, Suite 606, Wilmington, DE 19801 (US).

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

(72, 75) **WYSOCZANSKI, Stephen, J.** [US/US]; 495 Plymouth Road, Glenside, PA 19038 (US). **GARRETT, David** [US/US]; 941 Huron Street, Jacksonville, FL 32254 (US). **FRERECKS, Christian** [US/US]; P.O. Box 2879, Avon, CO 81620 (US).

(74) **FEIN, Michael, B.**; Cozen O'Connor, 1900 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 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 **G06F**

(11) **WO 2004/104777** (13) A2

(21) PCT/US2004/015613

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/471,811 **19 May/mai 2003 US (19.05.2003)**

(30) 10/613,534 **3 Jul/juil 2003 US (03.07.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR OBJECT-ORIENTED MANAGEMENT OF MULTI-DIMENSIONAL DATA

- PROCEDE ET SYSTEME DE GESTION ORIENTEE OBJET DE DONNEES MULTIDIMENSIONNELLES

(71) **PACIFIC EDGE SOFTWARE, INC.** [US/US]; Suite 100, 2606 - 116th Avenue Northeast, Bellevue, WA 98004 (US).

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

(72, 75) **SCUMNIOTALES, John** [US/US]; 13439 - 179th Avenue Northeast, Redmond, WA 98052 (US). **BURKE, Eric** [US/US]; 2830 - 33rd Avenue South, Seattle, WA 98144 (US). **CAHN, Robert** [US/US]; 2279 Southwest 313th Street, Federal Way, WA 98023 (US). **FANNON, Thomas** [US/US]; 27265 Northeast Quail Creek Drive, Redmond, WA 98053 (US). **BURNS, Mitchel** [US/US]; 16316 - 173rd Avenue Northeast, Woodinville, WA 98072 (US). **LESTER, Michael** [US/US]; 13340 Summit Avenue Southeast, Monroe, WA 98272 (US). **HILL, Jeff** [US/US]; 6932 - 158th Street, Snohomish, WA 98296 (US).

(74) **BIERMAN, Ellen, M.** et al. / etc.; SEED Intellectual Property Law Group PLLC, 701 5th Avenue, Suite 6300, Seattle, WA 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 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 **G06F**

(11) **WO 2004/104778** (13) A2

(21) PCT/US2004/015637

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/471,587 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR MOBILE PERSONAL COMPUTING AND COMMUNICATIONS

- APPAREIL ET PROCEDE DE CALCUL ET DE COMMUNICATION PERSONNELS MOBILES

(71) **MODULAR COMPUTING & COMMUNICATIONS CORPORATION** [US/US]; 2141 Kenwood Drive East, Maplewood, MN 55117 (US).

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

(72, 75) **COLBY, John, E., Jr.** [US/US]; 2141 Kenwood Drive East, Maplewood, MN 55117 (US).

(74) **CARROLL, David, H.**; Altera Law Group, LLC, Suite 100, 6500 City West Parkway, Minneapolis, MN 55344-7704 (US).

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

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 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)

(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 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) (u) for / pour US only / seulement

(51)⁷ **G06F**

(11) **WO 2004/104779** (13) A2

(21) PCT/US2004/015660

(22) **17 May/mai 2004 (17.05.2004)**

- (25) en (26) en
- (30) 60/471,429 **16 May/mai 2003** US
(16.05.2003)
- (30) 60/488,536 **17 Jul/juillet 2003** US
(17.07.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IDENTIFICATION DOCUMENT US-
ABLE WITH D2T2 PRINTING
- DOCUMENT D'IDENTIFICATION A
UTILISER AVEC LA TECHNOLOGIE
D'IMPRESSION D2T2
- (71) **DIGIMARC CORPORATION** [US/US];
9405 SW Gemini Drive, Beaverton, OR
97008 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **JONES, Robert** [US/US]; 1 Coventry
Lane, Andover, MA 01810 (US). **LABREC,
Brian** [US/US]; 81 Pleasant Street, North Ox-
ford, MA 01537 (US). **BI, Daoshen** [US/US];
58 Loring Avenue, Boxborough, MA 01719
(US). **REGAN, Thomas** [US/US]; 1 Old
Boston Road, Seabrook, NH 03874 (US).
- (74) **MCLAUGHLIN DOWNING, Marianne**;
Digimarc Corporation, 9405 SW Gemini
Drive, Beaverton, OR 97008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F

- (11) **WO 2004/104780** (13) A2
- (21) PCT/US2004/015673
- (22) **17 May/mai 2004 (17.05.2004)**
- (25) en (26) en
- (30) 60/470,917 **15 May/mai 2003** US
(15.05.2003)
- (30) 10/843,856 **12 May/mai 2004** US
(12.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND SYSTEM FOR PRO-
VIDING FRAUD DETECTION FOR
REMOTE ACCESS SERVICES
- PROCEDE ET SYSTEME DE DETEC-
TION DE FRAUDE POUR SERVICES
D'ACCES A DISTANCE
- (71, 72) **CASLIN, Michael, F.** [US/US]; 17277
Magic Mountain Drive, Round Hille, VA
20141 (US). **GILBERT, Matthew, J.**
[US/US]; 5167 Drumcliff Ct., Columbus,
OH 43221 (US). **STEPP, Thomas, E.**
[US/US]; 7850 Ashstone Ct., Canal Winches-
ter, OH 43110 (US). **SPRINGER, Arthur,
L.** [US/US]; 129 Gilbertville Road, Waterloo,
IA 50707 (US). **VAN ARKEL, John, Hans**
[US/US]; 4125 Brigadoon Lane, Colorado
Springs, CO 80909 (US).

- (74) **GROLZ, Edward, W.**; Scully, Scott, Mur-
phy & Presser, 400 Garden City Plaza, Gar-
den City, NY 11530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declarations / Déclarations :

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

(51)⁷ G06F

- (11) **WO 2004/104781** (13) A2
- (21) PCT/US2004/015690
- (22) **18 May/mai 2004 (18.05.2004)**
- (25) en (26) en
- (30) 60/471,927 **19 May/mai 2003** US
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND APPARATUS FOR RE-
CEIVING A PRODUCT NOTICE FOR A
SUBORDINATE COMPONENT
- PROCEDE ET APPAREIL POUR RECE-
VOIR UN AVERTISSEMENT CONCER-
NANT UN PRODUIT POUR UN COM-
POSANT SUBORDONNE
- (71, 72) **J'MAEV, Jack, Ivan** [US/US]; 12616
Lewis Ave., Chino, CA 91710 (US).
- (74) **J'MAEV, Jack, Ivan**; 11800 Central Ave.,
No. 110, Chino, CA 91710 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F

- (11) **WO 2004/104782** (13) A2
- (21) PCT/US2004/015714

- (22) **19 May/mai 2004 (19.05.2004)**
- (25) en (26) en
- (30) 60/471,685 **19 May/mai 2003** US
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR INCORPORATING IN-
DIVIDUAL VEHICLE DATA COLLEC-
TION, DETECTION AND RECORDING
OF TRAFFIC VIOLATIONS IN A TRAF-
FIC SIGNAL CONTROLLER
- PROCEDE D'INCORPORATION
DE LA COLLECTE DE DON-
NEES RELATIVES A UN VEHI-
CULE ET D'ENREGISTREMENT
D'INFRACTIONS DE LA ROUTE DANS
UN REGULATEUR DE SIGNALISA-
TION
- (71) **PRECISION TRAFFIC SYSTEMS**
[US/US]; 1101 S.Capitol of Texas Hwy.,
Suite G-110, Austin, TX 78746 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **TEFFER, Dean, W.** [US/US]; 1135
Barton Hills Drive, #254, Austin, TX 78704
(US). **STRICKLIN, Michael** [US/US]; 1714
Dartmouth Avenue, Austin, TX 78757 (US).
SHERWOOD, Alexander [US/US]; 4511 A
Smooth Oak, Austin, TX 78759 (US).
- (74) **WEISS, Aaron, A. et al.** / etc.; Hulsey,
Grether + Fortkort LLP, 8911 N. Capital of
Texas Hwy., Suite 3200, Austin, TX 78759
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).
- 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 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)*
- (t) 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 MZ NA NI 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 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)
(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/104783 (13) A2

(21) PCT/US2004/015724

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,917 20 May/mai 2003 US
(20.05.2003)

(30) 00/000,000 17 May/mai 2004 US
(17.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CALLER INFORMATION SYSTEM

• SYSTEME D'INFORMATION
D'APPELANTS

(71) OC CONCEPTS, INC. [US/US]; 3188 Airway Avenue, Suite L, Costa Mesa, California 92626 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCCULLOUGH, William [US/US]; 3188 Airway Avenue, Suite L, Costa Mesa, California 92626 (US). MAGUIRE, Brian [US/US]; 19042 Ironwood Lane, Santa Ana, California 92705 (US). MAGUIRE, Karen [US/US]; 19042 Ironwood Lane, Santa Ana, California 92705 (US). GOLDBERG, Richard [US/US]; 23321 Cavanaugh Road, Lake Forest, California 92630 (US). GOLDBERG, Marla [US/US]; 23321 Cavanaugh Road, Lake Forest, California 92630 (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 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 G06F

(11) WO 2004/104784 (13) A2

(21) PCT/US2004/015832

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,927 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR PRODUCT-CENTRIC DELIVERY OF PRODUCT USER NOTICES

• PROCEDE ET APPAREIL DE DISTRIBUTION CENTREE SUR UN PRODUIT DE NOTICES D'UTILISATEUR DE PRODUIT

(71, 72) J'MAEV, Jack, Ivan [US/US]; 12616 Lewis Ave., Chino, CA 91710 (US).

(74) J'MAEV, Jack, Ivan; 11800 Central Ave., No.110, Chino, CA 91710 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104785 (13) A2

(21) PCT/US2004/015839

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,828 19 May/mai 2003 US
(19.05.2003)

(30) 60/541,616 3 Feb/fév 2004 US
(03.02.2004)

(30) 10/848,760 18 May/mai 2004 US
(18.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECONDARY CONTAINMENT MONITORING SYSTEM

• SYSTEME DE SURVEILLANCE DE D'ENCEINTE DE CONFINEMENT SECONDAIRE

(71, 72) MONROE, Thomas, K. [US/US]; 6008 Fidler Avenue, Lakewood, CA 90712 (US). MILLER, Zane, A. [US/US]; 2919 West Kelton Lane, Phoenix, AZ 85053 (US).

(74) STONEMAN, Martin, L.; Stoneman Law Offices, LTD, 3113 North 3rd Street, Phoenix, AZ 85012-2601 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/104786 (13) A2

(21) PCT/US2004/015850

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,068 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR ACCESSING DIVERSE NATIVE DATA SOURCES THROUGH A METADATA INTERFACE

• APPAREIL ET PROCEDE PERMETTANT D'ACCEDER A DIVERSES SOURCES DE DONNEES ORIGINALES PAR UNE INTERFACE DE METADONNEES

(71) BUSINESS OBJECTS AMERICAS [US/US]; 3030 Orchard Pkwy, San Jose, CA 95134 (US).

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

(72, 75) WU, Ju [CA/CA]; 1705 Hampton Drive, Coquitlam, British Columbia V3E 3C8 (CA). SANBORN, Roger [CA/CA]; 10528 239th Street, Maple Ridge, British Columbia V2W 1X1 (CA). LUTZ, Sandra [CA/CA]; 714 Millyard, Vancouver, British Columbia V5Z 4A1 (CA). WANG, Yuru [CA/CA]; 2948 Pika Ct., Coquitlam, British Columbia V3E 3A5 (CA). JARVIS, Peter [GB/GB]; 12 Meadowside, Wickham Market, Woodbridge, Suffolk IP13 0UD (GB). SMITH, Justin, P. [GB/GB]; 7 Broughton Road, Ipswich IP1 3QR (GB).

(74) GALLIANI, William, S.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104787 (13) A2

(21) PCT/US2004/015857

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,021 19 May/mai 2003 US
(19.05.2003)

(30) 60/482,163 23 Jun/juin 2003 US
(23.06.2003)

(30) 10/848,804 18 May/mai 2004 US
(18.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WEB FORM HOST

• HOTE SOUS FORME WEB

(71, 72) SPICER, Jeffrey, J. [US/US]; 19 Great West Loop, Morgan's Point, TX 76513 (US).

(74) MYERS, Jeffrey, D.; 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/104788 (13) A2

(21) PCT/US2004/015870

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,970 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR DETERMINING SECURITY REQUIREMENTS FOR AN INFORMATION RESOURCE

• PROCEDES ET SYSTEMES POUR DETERMINER LES EXIGENCES EN MATIERE DE SECURITE POUR UNE RES-SOURCE D'INFORMATIONS

(71) UNITED STATES POSTAL SERVICE [US/US]; 475 L'Enfant Plaza, SW, Washington, DC 20260-1136 (US).

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(72, 75) KHIN, Peter, M. [—/US] (US). STRICKLAND, Zoe [—/US] (US). GOLDEN, James [—/US] (US). IAN-DOLO, Raymond [—/US] (US). RYAN, Kevin [—/US] (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, 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 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 G06F

(11) WO 2004/104789 (13) A2

(21) PCT/US2004/015872

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,743 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRESENCE AND GEOGRAPHIC LOCATION NOTIFICATION

• NOTIFICATION DE LOCALISATION DE PRESENCE ET DE POSITION GEOGRAPHIQUE

(71) AMERICA ONLINE, INC. [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).

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(72, 75) FISH, Edmund, J. [US/US]; 11388 Seneca Knoll Drive, Great Falls, VA 22066 (US).

(74) RENNER, W., Karl; Fish & Richardson P.C., 11th Floor, 1425 K Street, N.W., Washington, DC 20005-3500 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104790 (13) A2

(21) PCT/US2004/015877

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,731 20 May/mai 2003 US (20.05.2003)

(30) 60/568,253 6 May/mai 2004 US (06.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIGITAL BACKPLANE

• FACE ARRIERE NUMERIQUE

(71) KAGUTECH LTD. [US/US]; 6425 Rockbluff Circle, Plano, Texas 75024 (US).

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(72, 75) GUTTAG, Karl [US/US]; 6425 Rockbluff Circle, Plano, Texas 75024 (US). GUTTAG, Alvin [US/US]; 415 Russell Avenue #108, Gaithersburg, Maryland 20877 (US).

(74) JAGTIANI, Ajay; 10363-A Democracy Lane, Fairfax, Virginia 22030 (US).

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

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 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)

(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

(11) WO 2004/104791 (13) A2

(21) PCT/US2004/001595

(22) 21 Jan/jan 2004 (21.01.2004)

(25) en (26) en

(30) 10/441,750 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATED SYSTEM FOR ROUTING ORDERS FOR FINANCIAL INSTRUMENTS

• SYSTEME AUTOMATISE DE TRANSMISSION D'ORDRES POUR INSTRUMENTS FINANCIERS

(71) LAVA TRADING, INC.; 95 Morton Street, 7th Floor, New York, NY 10014 (US).

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(72) KORHAMMER, Richard, A.; 4 Shore Club Drive, New Rochelle, NY 10805 (US). RAFIEYAN, Kamran, L.; 32 Fawn Lane, Basking Ridge, NJ 07920 (US). WRIGHT, Peter, J.; 11 Pfizer Drive, Gladstone, NJ 07934 (US).

(74) DAVIDSON, Clifford, M. et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th Floor, New York, NY 10018 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/104792 (13) A2

(21) PCT/US2004/015989

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,448 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR ELECTRONIC DOCUMENT SECURITY

- SYSTEME ET PROCEDE POUR SECURISER DES DOCUMENTS ELECTRONIQUES

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

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

(72, 75) CUMMINS, Fred, A. [US/US]; 25592 Kilreigh Drive, Farmington Hills, MI 48336 (US).

(74) PAGE, Steven, L.; E D S, 5400 Legacy Drive, H3-3A-05, 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(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 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 G06F

(11) WO 2004/104793 (13) A2

(21) PCT/US2004/016084

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,763 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR ENTREPREISE SECURITY MONITORING AND CONFIGURATION MANAGEMENT

- SYSTEME ET METHODE POUR UNE SURVEILLANCE SECURISEE D'ENTREPRISE ET POUR UNE GESTION DE CONFIGURATION

(71) ALLEGENT TECHNOLOGY GROUP, INC. [US/US]; 100 Crossways Park Drive West, Suite 104, Woodbury, NY 11797 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENZI, Silvio [US/US]; 584 Chestertown Street, Gaithersburg, MD 20878 (US). RENZI, Mauricio [US/US]; 6409 Rock Forest Drive, Apartment 106, Bethesda, MD 20817 (US). PREZIOSO, Adrian [US/US]; 6409 Rock Forest Drive, Apartment 106, Bethesda, MD 20817 (US). CARO, Jeff [US/US]; 79 Ezras Way, Dover, NH 03820 (US). VAN DUSEN, Dennis [US/US]; 6910 Ridgewood Avenue, Chevy Chase, MD 20815 (US).

(74) COOLEY GODWARD LLP; Patent Group, 11951 Freedom Drive, One Freedom Square-Reston Town Center, Reston, VA 20190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104794 (13) A2

(21) PCT/US2004/016111

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,845 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR PROVIDING CACHE STATE INFORMATION

- PROCEDES ET APPAREIL FOURNISANT DES INFORMATIONS D'ETAT D'ANTEMEMOIRE

(71) NEWISYS, INC. [US/US]; 10814 Jollyville Road, Building 4, Suite 300, Austin, TX 78738 (US).

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

(72, 75) GLASCO, David, B. [US/US]; 10337 Ember Glen Drive, Austin, TX 78726 (US).

(74) KWAN, Godfrey, K.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F

(11) WO 2004/104795 (13) A2

(21) PCT/US2004/003907

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/439,283 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HAIR RENDERING METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF DE RENDU DES CHEVEUX

(71) PIXAR [US/US]; 1200 Park Avenue, Emeryville, CA 94608 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETROVIC, Lena [US/US]; 200 Caldecott Lane #113, Oakland, CA 94618 (US). ANDERSON, John, R. [US/US]; 32 Dutch Valley Lane, San Anselmo, CA 94960 (US).

(74) PANG, Stephen, Y. et al. / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104796 (13) A2

(21) PCT/US2004/000063

(22) 6 Jan/jan 2004 (06.01.2004)

(25) en (26) en

(30) 10/379,034 4 Mar/mar 2003 US
(04.03.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISK HOLDER
• ETUI DE DISQUE

(63) US 10/379,034 (CIP)
4 Mar/mar 2003 (04.03.2003)

(71) **DISC JOCKI** [CA/CA]; 906 Brock Road South, Unit 6, Pickering, Ontario L1W 1Z9 (CA).
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(72, 75) **DEWHURST, Phil** [CA/CA]; 42 Mill Street, Ajax, Ontario L1S 6K5 (CA). **LEW, Gene** [CA/CA]; 90 Jimston Drive, Markham, Ontario L3R 6R3 (CA). **YURCHENCO, James, R.** [US/US]; 4102 Sutherland Drive, Palo Alto, CA 94303 (US). **ADAMS, Matt** [US/US]; 303 Chiquita Avenue, #1, Mountain View, CA 94041 (US).

(74) **PRATT, John, S. et al.** / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104797** (13) A1

(21) PCT/GB2004/002185

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 0311668.8 **21 May/mai 2003 GB (21.05.2003)**

(30) 0312179.5 **28 May/mai 2003 GB (28.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **USE OF CERTIFIED SECRETS IN COMMUNICATION**

• **UTILISATION DE SECRETS CERTIFIES EN COMMUNICATION**

(71) **HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.** [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).
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(72, 75) **CHEN, Liquan** [GB/GB]; 1 Harvest Close, Bradley Stoke, Bristol BS32 9DQ (GB). **MAO, Wenbo** [GB/GB]; 60 Wheatfield Drive, Bradley Stoke, Bristol BS32 9DD (GB). **KUDLA, Caroline, Jessica** [GB/GB]; 46 Montague Court, Montague Hill South, Bristol BS2 8HT (GB). **PROUDLER, Graeme, John** [GB/GB]; 5 Touchstone Avenue, Stoke Gifford, Bristol BS34 8XQ (GB).

(74) **LAWRENCE, Richard, Anthony**; Hewlett Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS34 8QZ (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 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 **G06F 1/00, 12/14**

(11) **WO 2004/104798** (13) A1

(21) PCT/JP2003/006227

(22) **19 May/mai 2003 (19.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **VIRTUAL CD MANAGEMENT DEVICE**

• **DISPOSITIF DE GESTION DE CD VIRTUEL**

(71) **STARK CO., LTD.** [JP/JP]; 2-15, Otemae 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0008 (JP).

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(72, 75) **MAEDA, Yukitoshi** [JP/JP]; 2-9-7, Tezukayama, Nara-shi, Nara 631-0062 (JP).

(74) **KUDO, Ichiro**; Yurakucho Denki Bldg. South Tower, 7-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104799** (13) A1

(21) PCT/JP2003/006358

(22) **21 May/mai 2003 (21.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING DEVICE**

• **SYSTEME DE TRAITEMENT D'INFORMATIONS, PROCEDE DE TRAITEMENT D'INFORMATIONS, ET DISPOSITIFS DE TRAITEMENT D'INFORMATIONS**

(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) **KANAZAWA, Yuzi** [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TSUCHIYA, Yoshihiro** [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 US.

(51)⁷ **G06F 1/00**

(11) **WO 2004/104800** (13) A1

(21) PCT/KR2004/001223

(22) **21 May/mai 2004 (21.05.2004)**

(25) ko (26) en

(30) 10-2003-0032138 **21 May/mai 2003 KR (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PORTABLE COMPUTER DEVICE HAVING WIRELESS NETWORK MODULE**

• **DISPOSITIF D'ORDINATEUR PORTABLE POSSEDANT UN MODULE DE RESEAU SANS FIL**

(71) **ACROWAVE SYSTEMS CO., Ltd.** [KR/KR]; 816, Anyang Megavalley, Gwanyang-dong, Dongan-Gu, Anyang, Kyunggi-do 461-060 (KR).

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

(72, 75) **LEE, Joo-Yeol** [KR/KR]; 816, Anyang Megavalley, Gwanyang-dong, Dongan-gu, Anyang, Kyunggi-do 416-060 (KR). **KIM, Nam-Hee** [KR/KR]; 16, Anyang Megavalley, Gwanyang-dong, Dongan-gu, Anyang, Kyunggi-do 461-060 (KR).

(74) **KIM, Do-Hyoung**; 23rd Floor, ASEM Tower, 159-1 Samsung-dong, Gangnam-gu, Seoul 135-798 (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 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 **G06F 1/00**

(11) **WO 2004/104801** (13) A2

(21) PCT/US2004/014930

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 10/442,679 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTHOR SIGNATURES FOR LEGAL PURPOSES

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(71) ADOBE SYSTEMS INCORPORATED [US/US]; 345 Park Avenue, San Jose, CA 95110 (US).

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(72, 75) PRAVETZ, James, D. [CA/US]; 820 Ticonderoga Drive, Sunnyvale, CA 94087-2248 (US). CHAUDHURY, Krish [IN/US]; 476 Donahe Drive, Milpitas, CA 95035 (US). AGRAWAL, Sunil, C. [IN/US]; 444 Saratoga Avenue, #27K, Santa Clara, CA 95050 (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 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).

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 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)

(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 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 G06F 1/00

(11) WO 2004/104802 (13) A1

(21) PCT/US2004/015167

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,366 13 May/mai 2003 US (13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOCKING PROGRAMMING INTER-FACE

• INTERFACE DE PROGRAMMATION DE VERROUILLAGE

(71) PCTEL, INC. [US/US]; 631 South Milpitas Boulevard, Milpitas, CA 95035 (US).

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(72, 75) YU, Chi, Chian [US/US]; 4293 Lilac Ridge Road, San Ramon, CA 94583 (US). HSU, Tseng, Jan [US/US]; 1102 Hearst Drive, Pleasanton, CA 94566 (US).

(74) EAKIN, James, E. et al. / etc.; Pillsbury Winthrop LLP, 2475 Hanover Street, Palo Alto, CA 94304-1114 (US).

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

Published / Publiée : (c)

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(11) WO 2004/104803 (13) A2

(21) PCT/US2004/014859

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,638 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • UNIVERSAL PORTABLE COMPUTER STAND AND HIGH SPEED CONNECTIVITY CENTER

• SUPPORT UNIVERSEL ET CENTRE DE CONNECTIVITE HAUTE VITESSE POUR ORDINATEUR PORTABLE

(71) HOTWIRE DEVELOPMENT, LLC [US/US]; 17800 N. Perimeter Drive, Suite 201, Scottsdale, AZ 85255 (US).

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(72, 75) DOSS, Jeff; Scottsdale, AZ (US). SHERMAN, Troy; Scottsdale, AZ (US). LORD, Charles; Scottsdale, AZ (US).

(74) CAMERON, Michael, G. et al. / etc.; Jackson Walker, L.L.P., 2435 N. Central Expressway, Suite 600, Richardson, TX 75080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 1/20

(11) WO 2004/104804 (13) A2

(21) PCT/FR2004/001255

(22) 21 May/mai 2004 (21.05.2004)

(25) fr (26) fr

(30) 03/06365 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF OPTIMISING THE COOLING OF SUBASSEMBLIES IN MICRO-COMPUTERS

• PROCEDE D'OPTIMISATION DU REFROIDISSEMENT DES SOUS-ENSEMBLES DANS LES MICRO-ORDINATEURS

(71, 72) KAMGA, Roger [FR/FR]; 8, square des Alpes, F-92160 Antony (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 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 G06F 1/26, 1/30

(11) WO 2004/104805 (13) A1

(21) PCT/US2003/028549

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en (26) en

(30) 10/440,565 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EMPLOYING SENSE RESISTOR AS SAFETY FUSE IN POWER OVER ETHERNET SYSTEMS

• EMPLOI D'UNE RESISTANCE DE DETECTION EN TANT QUE FUSIBLE DE SECURITE DANS DES SYSTEMES D'ALIMENTATION ELECTRIQUE PAR SYSTEMES ETHERNET

(71) POWERDSINE LTD. [IL/IL]; 1 Hanagar Street, Neve Ne'eman Industrial Zone, 45421 Hod Hasharon (IL).

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

(72, 75) KORCHARZ, Dror [IL/IL]; 24 Herzl Street, 59304 Bat Yam (IL). PEKER, Arkadiy [US/US]; 287 North Street, New York, NY 11040 (US). GIAT, Yaniv [IL/IL]; Sde Ilan, D.N. Galil Tachton, 15260 Sde Ilan (IL).

(74) BARNER, Kevin, M. et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK 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 NI NO NZ OM PG PH PL PT RO RU SC 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 G06F 3/00

(11) WO 2004/104806 (13) A2

(21) PCT/EP2004/050691

(22) 4 May/mai 2004 (04.05.2004)

(25) de (26) de

(30) 103 23 466.7 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPERATING DEVICE
• DISPOSITIF DE COMMANDE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) MANN PELZ, Rodolfo [DE/DE]; Scharnhorststr. 5, 30175 Hannover (DE).
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ROSEBROCK, Ralf [DE/DE]; Harkenblecker Str. 3, 30880 Laatzen (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 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 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 G06F 3/00

(11) WO 2004/104807 (13) A1

(21) PCT/JP2003/006533

(22) 26 May/mai 2003 (26.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ITEM SELECTING METHOD, INFORMATION PROCESSOR, AND COMPUTER-READABLE STORAGE MEDIUM

• PROCEDE DE SELECTION D'ARTICLES, PROCESSEUR D'INFORMATIONS ET SUPPORT

DE STOCKAGE LISIBLE PAR ORDINATEUR

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) TANABE, Kota [JP/JP]; c/o FUJITSU PERSONAL COMPUTER SYSTEMS LIMITED, 1405, Oaza Oomaru, Inagi-shi, Tokyo 206-0801 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP US.

(51)⁷ G06F 3/00

(11) WO 2004/104808 (13) A2

(21) PCT/US2004/012167

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/440,650 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VIBRATION SENSING TOUCH INPUT DEVICE
• DISPOSITIF D'ENTREE TACTILE A DETECTION DE VIBRATIONS

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
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(72) ROBRECHT, Michael J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
HILL, Nicholas P.R.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
SULLIVAN, Darius M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) PECHMAN, Robert J., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 G06F 3/02, 3/16

(11) WO 2004/104809 (13) A1

(21) PCT/SG2004/000135

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/444,531 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • KEYBOARD WITH DIGITAL AUDIO
• CLAVIER DOTE D'UNE FONCTION AUDIO NUMERIQUE

(71) CREATIVE TECHNOLOGY LTD [SG/SG]; 31 International Business Park, Creative Resource, Singapore 609921 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIM, Wong Hoo [SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG).

(74) ALBAN TAY MAHTANI & DE SILVA; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 3/03

(11) WO 2004/104810 (13) A1

(21) PCT/JP2004/005961

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-139860 19 May/mai 2003 JP (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POSITION SENSOR USING AREA IMAGE SENSOR
• CAPTEUR DE POSITION UTILISANT UN CAPTEUR D'IMAGE DE ZONE

(71) EIT CO., LTD. [JP/JP]; 32F, Shinjuku-sumitomo Building, 2-6-1, Nishi-shinjuku, Shinjuku-ku, Tokyo 160-0232 (JP).
XIROKU, INC. [JP/JP]; 2-10-2, Matsushiro, Tsukuba-shi, Ibaraki 305-0035 (JP).
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(72, 75) OGAWA, Yasuji [JP/JP]; c/o XIROKU, INC., 2-10-2, Matsushiro, Tsukuba-shi,

- Ibaraki 305-0035 (JP). TSUNEZAKI, Kenji [JP/JP]; c/o EIT CO., LTD., Shinjuku-sumitomo Building 32F, 2-6-1, Nishi-shinjuku, Shinjuku-ku, Tokyo 160-0232 (JP).
- (74) ISHIHARA, Masanori et al. / etc.; ISHIHARA & ISHIHARA, 4F, Miyamasuzaka ST Building, 8-6, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 3/033, A63H 33/04
- (11) WO 2004/104811 (13) A2
- (21) PCT/DK2004/000341
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) PA 2003 00759 20 May/mai 2003 DK (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND SYSTEM FOR MANIPULATING A DIGITAL REPRESENTATION OF A THREE-DIMENSIONAL OBJECT
- PROCEDE ET SYSTEME POUR MANIPULER UNE REPRESENTATION NUMERIQUE D'UN OBJET TRIDI-MENSIONNEL
- (71) LEGO A/S [DK/DK]; Aastvej 1, DK-7190 Billund (DK).
- (for all designated States except / pour tous les États désignés sauf AU BR CA CN GB IE IN MX NZ SG US)*
- (71) INTERLEGO AG [CH/CH]; Neuhofstrasse 21, CH-6340 Baar (CH).
- (only for / seulement pour AU BR CA CN GB IE IN MX NZ SG)*
- (72, 75) SCHERER, Ronny [DK/DK]; Kystager 18, DK-7120 Vejle Ø (DK). TIMCENKO, Olga [YU/DK]; Rosengården 9, DK-7190 Billund (DK). CLARK, Naomi [US/US]; 501 West 122nd Street, #D3, New York, NY 10027 (US). ACKER, Peter [US/US]; 4043 4th Ave. N.E., Seattle, WA (US).
- (74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 3/033, 1/00, H04M 1/67
- (11) WO 2004/104813 (13) A1
- (21) PCT/JP2004/007151
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-142934 21 May/mai 2003 JP (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PORTABLE TERMINAL DEVICE WITH BUILT-IN FINGERPRINT SENSOR
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- EQUIPEMENT TERMINAL PORTATIF COMPRENANT UN LECTEUR D'EMPREINTE DIGITALE INCORPORE
- (71) HITACHI HIGH-TECHNOLOGIES CORPORATION [JP/JP]; 24-14, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 1058717 (JP).
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- (72, 75) FUKUDA, Koki [JP/JP]; c/o HITACHI HIGH-TECHNOLOGIES CORPORATION, 24-14, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 1058717 (JP).
- (74) TAKADA, Yukihiko; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 3170073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 3/033
- (11) WO 2004/104814 (13) A1
- (21) PCT/KR2003/002047
- (22) 2 Oct/oct 2003 (02.10.2003)
- (25) ko (26) en
- (30) 10-2003-0032205 21 May/mai 2003 KR (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PARALLEL HAPTIC JOYSTICK SYSTEM
- SYSTEME DE MANCHE A BALAI HAPTIQUE PARALLELE
- (71) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 39-1 Hawolgok-dong, Seongbuk-gu, Seoul 136-791 (KR).
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- (72, 75) KIM, Munsang [KR/KR]; 8-502, Jinheung-apartment, 65, Chungdam-dong, Kangnam-gu, Seoul 135-100 (KR). RYU, Dongseok [KR/KR]; 103-1004, Sindo-apartment, Mook1-dong, Joongrang-gu, Seoul 131-141 (KR). CHO, Changhyun [KR/KR]; 512-904, Joong5th development-apartment, Jamsil5-dong, Songpa-gu, Seoul 138-225 (KR). HWANG, Chang-soon [KR/KR]; 101-1508, Dongwon-apartment, 125-24, Nokyang-dong, Uijeongbu-City, Kyungki-do 480-120 (KR).
- (74) KIM, Sun-young; Korea Coal Center, 10th Floor, 80-6 Susong-Dong, Chongro-Ku, Seoul 110-727 (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 G06F 3/033

(11) WO 2004/104815 (13) A2

(21) PCT/US2004/014641

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 60/469,534 8 May/mai 2003 US
(08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR
NAVIGATING ALPHABETIZED TEXT
• PROCEDE ET DISPOSITIF POUR NA-
VIGUER DANS UN TEXTE ECRIT PAR
ORDRE ALPHABETIQUE

(71) THOMSON LICENSING S.A. [FR/FR]; 46
Quai A. Le Gallo, F-92100 Boulogne-Billan-
court (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CSICSATKA, Tibor, George [US/US];
404 Washington Drive, San Marcos, CA
92078 (US). FUNG, Kam, Keung [CA/CN];
4/F, 7 Pak Sha Road, Causeway Bay (CN).
QIU, Cai, Xia [CN/CN]; 3/F, 1 Block Scien-
tech Park, Getdd, 510730 Guang Zhou (CN).

(74) TRIPOLI, Joseph S. et al. / etc.; C/O Thom-
son 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 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 G06F 3/06

(11) WO 2004/104816 (13) A2

(21) PCT/IB2004/001667

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03300019.1 22 May/mai 2003 EP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMMUNICATION METHOD AND
SYSTEM
• PROCEDE ET SYSTEME DE COMMU-
NICATION

(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) HELWEGEN, Ivon, Franciscus
[NL/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 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).

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 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 G06F 3/06

(11) WO 2004/104817 (13) A2

(21) PCT/US2004/014694

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/439,977 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHARING METHOD AND APPARA-
TUS USING DIRECTED GRAPHS
• PROCEDE ET APPAREIL DE PARTAGE
UTILISANT DES GRAPHE DIRIGES

(71) HEWLETT PACKARD DEVELOP-
MENT COMPANY L.L.P. [US/US]; 20555
SH 249, Houston, TX 77070 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MERCHANT, Arif [US/US]; 439
Traverso Ave., Los Altos, CA 94022 (US).
KALLAHALLA, Mahesh [IN/US]; 1094
Tanland Drive, Apt 102, Palo Alto, CA 94034
(US). SWAMINATHAN, Ram [IN/US];
10100 Torre Avenue, #138, Cupertino, CA
95014 (US).

(74) LANGE, Richard P.; Intellectual Prop-
erty Administration, P.O. Box 272400, 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 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 G06F 3/12

(11) WO 2004/104818 (13) A1

(21) PCT/SE2004/000805

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 0301548-4 26 May/mai 2003 SE
(26.05.2003)

(30) 60/473 201 27 May/mai 2003 US
(27.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR COMPRESSING A DIGI-
TAL REPRESENTATION CONTAINING
A PAGE-DESCRIBING CODE, WHICH
IS SENT FROM A COMPUTER TO A
PRINTER

• PROCEDE PERMETTANT DE COM-
PRIMER UNE REPRESENTATION
NUMERIQUE CONTENANT UN CODE
DE DESCRIPTION DE PAGE ENVOYE
D'UN ORDINATEUR A UNE IMPRI-
MANTE

(71) ANOTO AB [SE/SE]; Scheelevägen 19 C,
S-223 70 Lund (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FÄHRAEUS, Christer [SE/SE]; Öre-
sundsvägen 24, S-237 35 Bjärred (SE). LYN-
GGAARD, Stefan [SE/SE]; c/o Boström,
Björnbärsstigen 3, S-227 38 Lund (SE).
BURSTRÖM, Stefan [SE/SE]; Trolle-
bergsvägen 36 C, S-227 31 Lund (SE).

(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 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).

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 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)

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement; (u) for / pour
US only / seulement; (u) for / pour US only /
seulement

(51)⁷ G06F 7/00

(11) WO 2004/104819 (13) A1

(21) PCT/JP2004/001526

(22) 13 Feb/fév 2004 (13.02.2004)

(25) ja (26) ja

(30) 2003-146723 23 May/mai 2003 JP
(23.05.2003)

(30) 2003-271037 4 Jul/juil 2003 JP
(04.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PARALLEL PROCESSING DEVICE
AND PARALLEL PROCESSING
METHOD

• DISPOSITIF ET PROCÉDE DE TRAITE-
MENT PARALLELE

(71) NIPPON TELEGRAPH AND TELE-
PHONE CORPORATION [JP/JP]; 3-1,
otemachi 2-chome, Chiyoda-ku, Tokyo
1008116 (JP).

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

(71) MORIMURA, Hiroki [JP/JP]; c/o NTT In-
tellectual Property Center, 9-11, Midori-cho
3-chome, Musashino-shi, Tokyo 1808585
(JP).

(only for / seulement pour US)

(72, 75) SHIMAMURA, Toshishige [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
mido ri-cho 3-chome, Musashino-shi, Tokyo
1808585 (JP). FUJII, Koji [JP/JP]; c/o
NTT Intellectual Property Center, 9-11, Mi-
dori-cho 3-Chome, Musashino-shi, Tokyo
1808585 (JP). SHIGEMATSU, Satoshi
[JP/JP]; c/o NTT Intellectual Property Center,
9-11, midori-cho 3-chome, Musashino-shi,
Tokyo 1808585 (JP). MACHIDA, Kat-
suyuki [JP/JP]; c/o NTT Intellectual Prop-
erty Center, 9-11, midori-cho 3-chome,
Musashino-shi, Tokyo 1808585 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa
International Patent Office, 8th Floor,
Shuwa-Tameike Building, 4-2, Nagatacho
2-chome, Chiyoda-ku, Tokyo 1000014 (JP).

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

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

MC NL PT 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 7/46

(11) WO 2004/104820 (13) A2

(21) PCT/GB2004/000059

(22) 12 Jan/jan 2004 (12.01.2004)

(25) en (26) en

(30) 60/473,204 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SUM BIT GENERATION CIRCUIT
• CIRCUIT DE GENERATION D'UN BIT
DE SOMME

(71) ARITHMATICA LIMITED [GB/GB];
7200 The Quorum, Oxford Business Park,
Oxford, Oxfordshire OX4 2JZ (GB).

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

(72, 75) WHITE, Benjamin, Earle [GB/GB]; 22
Goode Close, Warwick, Warwickshire CV34
5LP (GB).

(74) COLLINS, John, David et al. / etc.; 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 G06F 9/06, 9/445

(11) WO 2004/104821 (13) A1

(21) PCT/JP2004/003348

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-147187 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION PROCESSING DE-
VICE AND METHOD, PROGRAM
RECORDING MEDIUM, PROGRAM,
AND IMAGING DEVICE

• DISPOSITIF ET PROCÉDE DE TRAI-
TEMENT DE L'INFORMATION, SUP-
PORT D'ENREGISTREMENT DE PRO-
GRAMME, PROGRAMME ET DISPO-
SITIF IMAGEUR

(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) MATSUNO, Katsumi [JP/JP]; c/o
SONY CORPORATION 7-35, Kitashina-
gawa 6-chome, Shinagawa-ku, Tokyo,
1410001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F,
11-18, Nishi-Shinjuku 7-chome, Shin-
juku-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).

(51)⁷ G06F 9/30, 9/38

(11) WO 2004/104822 (13) A1

(21) PCT/US2004/016408

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,329 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR IN-
STRUCTION ALIGNMENT

• PROCÉDÉS ET APPAREIL
D'ALIGNEMENT D'INSTRUCTIONS

(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). DURAIWAMY,
Deepa [IN/US]; 4500 Steiner Ranch Boule-
vard, #1519, Austin, TX 78732 (US). KAN-
NAN, Srikanth [IN/US]; 111 Arboretum
Way, Burlington, MA 01803 (US).

(74) MCCLELLAN, William, R.; Wolf, Green-
field & 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 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).

Published / Publiée : (c)

(51)⁷ G06F 9/40

(11) WO 2004/104823 (13) A2

(21) PCT/US2004/008589

(22) 19 Mar/mar 2004 (19.03.2004)

- (25) en (26) en
- (30) 10/441,357 **20 May/mai 2003** US
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPARATUS AND METHODS FOR RESTORING SYNCHRONIZATION TO OBJECT-ORIENTED SOFTWARE APPLICATIONS IN MANAGED RUN-TIME ENVIRONMENTS
- APPAREILS ET PROCÉDES PERMETTANT DE RESTAURER LA SYNCHRONISATION DANS DES APPLICATIONS LOGICIELLES ORIENTÉES OBJET DANS DES ENVIRONNEMENTS A DUREE D'EXECUTION CONTROLÉE
- (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)
- (72) WU, Gansha; Room 302, 1#Unit, 18#Building, Liu Fang Nan Li, Chao Yang District, Beijing 100028 (CN). LUEH, Guei-Yuan; 1239 Quail Creek Circle, San Jose, CA 95120 (US). SHI, Xiaohua; Taiyangyuan 1-1004#, Haidian District, Beijing 100086 (CN).
- (74) FLIGHT, James et al. / etc.; Grossman & Flight, LLC, Suite 4220, 20 North 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 G06F 9/44
- (11) WO 2004/104824 (13) A1
- (21) PCT/JP2003/006536
- (22) 26 May/mai 2003 (26.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • USER INTERFACE APPLICATION DEVELOPMENT DEICE AND DEVELOPMENT METHOD
- DISPOSITIF DE DEVELOPPEMENT D'APPLICATION D'INTERFACE UTILISATEUR ET PROCEDE DE DEVELOPPEMENT CORRESPONDANT
- (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) MATSUTSUKA, Takahide [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAMO, Masahiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) JP US.
-
- (51)⁷ G06F 9/44
- (11) WO 2004/104825 (13) A1
- (21) PCT/US2004/015077
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/471,523 **15 May/mai 2003** US
(15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SYSTEMS AND METHODS OF CREATING AND ACCESSING SOFTWARE SIMULATED COMPUTERS
- SYSTEMES ET PROCÉDES DE CREATION ET D'ACCES A DES ORDINATEURS SIMULES PAR LOGICIEL
- (71) APPLIANZ TECHNOLOGIES, INC. [US/US]; 7 Lydia Court, Hawthorn Woods, IL 60047 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANZEN, Mark [US/US]; 7676 East Polo Dr., #39, Wichita, KS 67206 (US).
- (74) THRONSON, Mark, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 9/45
- (11) WO 2004/104826 (13) A2
- (21) PCT/EP2004/005359
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 10/441,251 **20 May/mai 2003** US
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SOFTWARE EXPIRY BEFORE DELIVERY
- EXPIRATION DU LOGICIEL AVANT LA LIVRAISON
- (71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurotstrasse 16, 69190 Wall-dorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLEIN, Udo [DE/DE]; Eisenbahnstrasse 62, 76744 Maximiliansau (DE).
- (74) SCHIUMA, Daniele; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 9/46
- (11) WO 2004/104827 (13) A2
- (21) PCT/IB2004/001547
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 10/443,079 **22 May/mai 2003** US
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CONCURRENT CLUSTER ENVIRONMENT
- CONFIGURATION EN GRAPPE EN PARALLELE
- (71) HEWLETT-PACKARD DEVELOPMENT COMPANY LP [US/US]; 2055 S.H. 249, Houston, TX 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOVAES, Reynaldo [BR/BR]; R Pedro Alvares Cabral 638, Apt 43, Novo Hamburgo, RS (BR). SCHEER, Roque [BR/BR]; TV Americo Silveira 340/206, 91470-010 Porto Alegre, RS (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 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 G06F 9/46
- (11) WO 2004/104828 (13) A1
- (21) PCT/JP2000/001768
- (22) 23 Mar/mar 2000 (23.03.2000)
- (25) ja (26) ja
- (30) 11/78067 **23 Mar/mar 1999** JP
(23.03.1999)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INTERRUPT CONTROLLER, ASIC, AND ELECTRONIC DEVICE

- CONTROLEUR D'INTERRUPTIONS, CIRCUIT INTEGRE SPECIFIQUE, ET DISPOSITIF ELECTRONIQUE

(71, 72) **HASHIMOTO, Yoshiaki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **INOUE, Hajime** et al. / etc.; Ogikubo TM Building, 2nd Floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) US.

Published / Publiée : (e): 25Nov/nov 2003 (25.11.2003), 6654839

(51)⁷ **G06F 9/46, 12/14**

(11) **WO 2004/104829** (13) A1

(21) PCT/JP2004/007229

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-146508 **23 May/mai 2003 JP (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- DIGITAL ITEM PROCESSING METHOD AND DEVICE
- PROCEDE ET DISPOSITIF DE TRAITEMENT D'ARTICLE NUMERIQUE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).
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(72, 75) **HUANG, ZhongyangSHEN, Sheng, MeiJI, MingLIU, JingSENOH, Takanori**

(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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G06F 9/46, H04L 29/06**

(11) **WO 2004/104830** (13) A1

(21) PCT/US2004/010717

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) en (26) en

(30) 10/439,791 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- SYSTEM AND METHOD FOR ADAPTIVE ADMISSION CONTROL AND

RESOURCE MANAGEMENT FOR SERVICE TIME GUARANTEES

- SYSTEME ET PROCEDE DE CONTROLE D'ADMISSION ADAPTATIF ET DE GESTION DES RESOURCES POUR FOURNIR DES GARANTIES DE TEMPS DE SERVICE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

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(72, 75) **FREIMUTH, Douglas** [US/US]; 400 Central Park West, Apt 8Y, New York, NY 10025 (US). **PRADHAN, Prashant** [IN/US]; 43 Davenport Avenue, Apt MD, New Rochelle, NY 10805 (US). **SAHU, Sambit** [IN/US]; 551 Kennicut Hill Road, Mahopac, NY 10541 (US). **TEWARI, Renu** [US/US]; 4108 Fowler Court, San Jose, CA 95135 (US). **DILLENBERGER, Donna** [US/US]; 1747 Morningview Drive, Yorktown Heights, NY 10598 (US).

(74) **DOUGHERTY, Anne, V.**; 3173 Cedar Road, Yorktown Heights, NY 10598 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 **G06F 11/00**

(11) **WO 2004/104831** (13) A1

(21) PCT/CN2004/000423

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) zh (26) zh

(30) 03130660.8 **6 May/mai 2003 CN (06.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- A METHOD FOR RENOVATING THE COMPUTER OPERATING SYSTEM
- PROCEDE POUR REGENERER LE SYSTEME D'EXPLOITATION D'UN ORDINATEUR

(71) **LEGEND (BEIJING) LIMITED** [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN).

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(72, 75) **DU, Bin** [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN). **YANG, Wenbing** [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN). **BAO, Yuqing** [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN). **WANG,**

Wanding [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G06F 11/00**

(11) **WO 2004/104832** (13) A2

(21) PCT/EP2004/005145

(22) **13 May/mai 2004 (13.05.2004)**

(25) de (26) de

(30) 103 23 369.5 **21 May/mai 2003 DE (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- MONITORING AND COORDINATION DEVICE IN A COMPUTER NETWORK
- DISPOSITIF DE SURVEILLANCE ET DE COORDINATION DANS UN RESEAU INFORMATIQUE

(71) **VODAFONE HOLDING GMBH** [DE/DE]; Mannesmannufer 2, 40213 Düsseldorf (DE).

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

(72, 75) **BÖCKMANN, Franz-Josef** [DE/DE]; Schanzenstrasse 60, 40549 Düsseldorf (DE). **ELBERZHAGEN, Frank** [DE/DE]; Kolumbusstrasse 42, 45472 Mühlheim/Ruhr (DE).

(74) **WEISSE, Jürgen**; Weisse & Wolgast, Bokenbuschstr. 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ G06F 11/00

(11) WO 2004/104833 (13) A1

(21) PCT/US2004/012768

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/438,762 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM OF USING
HIGH-LEVEL CODE FOR INDEPEN-
DENT DEBUGGING OF A PROCES-
SOR

• PROCEDE ET SYSTEME POUR UTILI-
SER UN CODE DE HAUT NIVEAU A
DES FINS DE DEBOGAGE INDEPEN-
DANT D'UN PROCESSEUR

(71, 72) SOHEILI, Ramin [US/US]; 2416 Lake
Street, San Francisco, CA 94121 (US).

(74) MOLANO, Michael, A.; Mayer, Brown,
Rowe & Maw LLP, P.O. Box 2828, Chicago,
IL 60690-2828 (US).

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

Published / Publiée : (c)

(51)⁷ G06F 11/14, G05B 9/02, B60R 16/02

(11) WO 2004/104834 (13) A1

(21) PCT/JP2004/006634

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-142467 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE CONTROL SYSTEM RE-
COVERY CONTROL METHOD

• PROCEDE DE COMMANDE DU RE-
TOUR AUX VALEURS INITIALES
D'UN SYSTEME DE COMMANDE DE
VEHICULE

(71) BOSCH AUTOMOTIVE SYSTEMS
CORPORATION [JP/JP]; 6-7, Shibuya
3-chome, Shibuya-ku, Tokyo, 1508360 (JP).
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les États désignés sauf US)

(72, 75) ABE, Tsuyoshi [JP/JP]; c/o BOSCH AU-
TOMOTIVE SYSTEMS CORPORATION,
13-26, Yakuyu-cho 3-chome, Higashi-Mat-
suyam-shi, Saitama, 3558603 (JP).

(74) ABIKO, Tsutomu; Rm.703, Paredoru-Ni-
honbashi, 6-3, Nihonbashi-Horidome-cho
1-chome, Chuo-ku, Tokyo, 1030012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 11/22

(11) WO 2004/104835 (13) A2

(21) PCT/US2004/015305

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,260 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD OF MANAG-
ING BACKUP MEDIA IN A COMPUT-
ING ENVIRONMENT

• SYSTEME ET PROCEDE DE GESTION
DE SUPPORTS DE SAUVEGARDE
DANS UN ENVIRONNEMENT INFOR-
MATIQUE

(71, 72) OLIVER, Jack, K. [US/US]; 4231 St.
Andrews Blvd., Irving, TX 75038 (US).

(74) HUSTON, Charles, D.; Conley Rose, P.C.,
P.O. Box 684908, Austin, TX 78768-4908
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 11/25

(11) WO 2004/104836 (13) A2

(21) PCT/EP2004/004042

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 23 390.3 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TELEDIAGNOSIS VIEWER

• VISUALISEUR DE TELEDIAGNOSTIC

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
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(72, 75) ENGEL, Michael [DE/DE]; Hintere
Strasse 20, 71229 Leonberg (DE). KEEFER,
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Reutlinger Strasse 56, 73728 Esslingen (DE).
MÜLLER, Michael [DE/DE]; Kornblumen-
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Ulrich [DE/DE]; Mösich 22, 72622 Nürtin-
gen (DE).

(74) ESCHBACH, Arnold et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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 PL PT 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 11/32

(11) WO 2004/104837 (13) A2

(21) PCT/EP2004/005414

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 040.8 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE AUTOMATED
DETERMINATION OF THE INDIRECT

AND DIRECT EXTENT OF DAMAGES IN OBJECTS RESULTING FROM A FAILURE OF TECHNICAL COMPONENTS INTEGRATED IN A PRODUCTION CYCLE

- PROCEDE DE DETERMINATION AUTOMATISEE DE L'AMPLEUR INDIRECTE OU DIRECTE DE DOMMAGES, INTERVENANT SUITE A UNE DEFAILLANCE DE CONSTITUANTS TECHNIQUES INTEGRES DANS LE DEROULEMENT D'UN PROCESSUS DE PRODUCTION, DANS DES OBJETS

(71) **T-MOBILE DEUTSCHLAND GMBH** [DE/DE]; Langrabeweg 151, 53227 Bonn (DE).

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

(72, 75) **HACHMANN, Frank** [DE/DE]; Orsberger Strasse 19, 53579 Erpel (DE). **PESCHEL, Dietmar** [DE/DE]; Ebereschstrasse 10, 53340 Meckenheim (DE). **SACHGAU, Christian** [DE/DE]; Waldstrasse 11, 53560 Vettelschoss (DE).

(74) **RIEBLING, Peter**; Postfach 31 60, 88113 Lindau/B (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 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 **G06F 12/00**

(11) **WO 2004/104838** (13) A1

(21) PCT/JP2003/006354

(22) **21 May/mai 2003 (21.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

- DATA ACCESS RESPONSE SYSTEM, STORAGE SYSTEM, CLIENT DEVICE, CACHE DEVICE, AND DATA ACCESS RESPONSE SYSTEM ACCESS METHOD

- SYSTEME DE REPONSE D'ACCES A DES DONNEES, SYSTEME DE MEMOIRE, DISPOSITIF CLIENT, DISPOSITIF MEMOIRE CACHE, ET SYSTEME ET PROCEDE DE REPONSE D'ACCES A DES DONNEES

(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) **OE, Kazuichi** [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 US.

(51)⁷ **G06F 12/00**

(11) **WO 2004/104839** (13) A2

(21) PCT/US2004/015352

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 10/440,570 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

- REDUNDANT DATA ASSIGNMENT IN A DATA STORAGE SYSTEM

- AFFECTATION DE DONNEES REDONDANTES DANS UN SYSTEME DE STOCKAGE DE DONNEES

(71) **HEWLETT-PACKARD DEVELOPMENT COMPANY L.L.P** [US/US]; 20555 SH 249, Houston, TX 77070 (US).

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

(72, 75) **MERCHANT, Arif** [US/US]; 439 Traverso Ave., Los Altos, CA 94022 (US). **FROLUND, Svend** [DK/US]; 533 Victory Avenue, Mountain View, CA 94043 (US). **SAITO, Yasushi** [JP/US]; 405 Stierlin Road #43, Mountain View, CA 94043 (US). **SPENCE, Susan** [GB/US]; 2141 Cranford Circle, San Jose, CA 95124 (US). **VEITCH, Alistair** [NZ/US]; 1032 Burgoyne Street, Mountain View, CA 94043 (US).

(74) **LANG, Richard, P.**; IP Administration, P.O. Box 272400, Fort Collins, CO 80527 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **G06F 12/00**

(11) **WO 2004/104840** (13) A2

(21) PCT/US2004/016127

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/472,174 **20 May/mai 2003 US (20.05.2003)**

(30) 10/850,057 **19 May/mai 2004 US (19.05.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

- MEMORY WITH BIT SWAPPING ON THE FLY AND TESTING

- MEMOIRE AVEC TRANSFERT DE BITS A LA VOLEE ET TEST

(71) **CRAY INC.** [US/US]; 411 First Ave. S., Suite 800, Seattle, WA 98104-2860 (US).

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

(72, 75) **DIXON, R. Paul** [US/US]; 1515 Cemetery Hill Road, Carrollton, TX 75007 (US). **RESNICK, David R.** [US/US]; 4433 East Hamilton, Eau Claire, WI 54701-2700 (US). **SCHWOERER, Gerald A.** [US/US]; 18837 72nd Avenue, Chippewa Falls, WI 54729 (US). **MARQUARDT, Kelly J.** [US/US]; 2816 W. Princeton Avenue, Eau Claire, WI 54703 (US). **GROSSMEIER, Alan M.** [US/US]; 18804 76th Avenue, Chippewa Falls, WI 54729 (US). **STEINBERGER, Michael L.** [US/US]; 1529 Green View Dr., Chippewa Falls, WI 54729 (US). **SNYDER, Van L.** [US/US]; 2405 Melmar Ct., Eau Claire, WI 54703 (US). **BETHARD, Roger A.** [US/US]; 10894 161st St., Chippewa Falls, WI 54729 (US). **HIGGINS, Michael F.** [US/US]; 4007 Meadowood Dr., Eau Claire, WI 54701 (US).

(74) **LEMAIRE, Charles**; 1500 Riverview Office Tower, 8009 S. 34th Avenue, Bloomington, MN 55425-1608 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 **G06F 12/10, G11C 15/00, G06F 12/08, 1/32, 12/12**

(11) **WO 2004/104841** (13) A1

(21) PCT/JP2003/006359

(22) **21 May/mai 2003 (21.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

- ADDRESS CONVERSION BUFFER POWER CONTROL METHOD AND DEVICE THEREOF

- PROCEDE ET DISPOSITIF DE COMMANDE DU COURANT D'UN TAMPON DE CONVERSION D'ADRESSE

(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) **YOSHIMI, Koichi** [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 US.

(51)⁷ **G06F 13/00, 12/14, 12/00**

(11) **WO 2004/104842** (13) A1

(21) PCT/JP2004/007215

(22) **20 May/mai 2004 (20.05.2004)**

- (25) ja (26) ja
- (30) 2003-146499 **23 May/mai 2003** JP
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DIGITAL ITEM PROCESSING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN ARTICLE NUMERIQUE
- (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) HUANG, ZhongyangSHEN, Sheng MeiJI, MingLIU, JingSENOH, Takanori
- (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 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 G06F 13/00, 17/60
- (11) WO 2004/104843 (13) A1
- (21) PCT/JP2004/007230
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-142233 **20 May/mai 2003** JP
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MARKETING ACTIVITY SUPPORT METHOD AND RECORDING MEDIUM
• PROCEDE D'AIDE A LA COMMERCIALISATION ET SUPPORT D'ENREGISTREMENT
- (71) JAPAN TECHNICAL INFORMATION SERVICE [JP/JP]; 1-6, Kojimachi, Chiyoda-ku, Tokyo, 1020083 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) INOUE, Takayoshi [JP/JP]; c/o JAPAN TECHNICAL INFORMATION SERVICE, 1-6, Kojimachi, Chiyoda-ku, Tokyo, 1020083 (JP).
- (74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-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.

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 13/00
- (11) WO 2004/104844 (13) A2
- (21) PCT/US2004/012021
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/442,705 **20 May/mai 2003** US
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INTEGRATED CIRCUIT CAPABLE OF COMMUNICATING USING DIFFERENT COMMUNICATION PROTOCOLS
• CIRCUIT INTEGRE CAPABLE D'UTILISER DIFFERENTS PROTOCOLES DE COMMUNICATION POUR COMMUNIQUER
- (71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) BECKETT, Richard; 15032 South 25 Street, Phoenix, AZ 85048 (US). SHEFFIELD, Jr., Robert; 2453 West Spruce Drive, Chandler, AZ 85248 (US). SETO, Pak-Lung; 118 Walnut Street, Shrewsbury, MA 01545 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 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).
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- (51)⁷ G06F 13/10, 3/06
- (11) WO 2004/104845 (13) A1
- (21) PCT/JP2003/006355
- (22) 21 May/mai 2003 (21.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STORAGE SYSTEM
• SYSTEME A MEMOIRE
- (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) OGIHARA, Kazutaka [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAMURA, Masahisa [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YOKOHATA, Toru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). IKUTA, Satoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). NOGUCHI, Yasuo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAKE, Riichiro [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 US.
-
- (51)⁷ G06F 13/28
- (11) WO 2004/104846 (13) A2
- (21) PCT/IB2004/050712
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 03101516.7 **26 May/mai 2003** EP
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND DEVICE FOR TRANSFERRING DATA BETWEEN A MAIN MEMORY AND A STORAGE DEVICE
• PROCEDE ET DISPOSITIF DE TRANSFERT DE DONNEES ENTRE UNE MEMOIRE PRINCIPALE ET UN DISPOSITIF DE STOCKAGE
- (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 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).
- 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 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 G06F 13/38

(11) WO 2004/104847 (13) A2

(21) PCT/IB2004/050713

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101519.1 26 May/mai 2003 EP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR SIGNAL CONNECTION
AND ENERGY SUPPLY FOR CON-
SUMER ELECTRONICS APPARA-
TUSES

• DISPOSITIF DE RACCORDEMENT
DE SIGNAL ET D'ALIMENTATION
EN ENERGIE POUR DES APPAREILS
ELECTRONIQUES GRAND PUBLIC

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

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

(72, 75) WENDT, Matthias [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisschausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-
erty & 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 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 G06F 15/00, 13/00, A63F 13/12

(11) WO 2004/104848 (13) A1

(21) PCT/JP2000/008382

(22) 29 Nov/nov 2000 (29.11.2000)

(25) ja (26) ja

(30) 11/342959 2 Dec/déc 1999 JP
(02.12.1999)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION DISTRIBUTION SYS-
TEM AND PROGRAM

• SYSTEME ET PROGRAMME DE DIS-
TRIBUTION D'INFORMATIONS

(71, 72) MIURA, Katsuhiro [JP/JP]; c/o
NAMCO LTD., 8-5, Tamagawa 2-chome,
Ota-ku, Tokyo 146-0095 (JP).

(74) FUSE, Yukio et al. / etc.; 2nd Floor, Ogikubo
TM Bldg., 26-13, Ogikubo 5-chome, Sugi-
nami-ku, Tokyo 167-0051 (JP).

(81) US.

Published / Publiée : (e): 18May/mai 2004
(18.05.2004), 6736726

(51)⁷ G06F 15/00, 17/00

(11) WO 2004/104849 (13) A1

(21) PCT/US2003/041629

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 10/442,292 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR CRE-
ATING REMINDERS IN ELECTRONIC
DOCUMENTS

• SYSTEME ET PROCEDE DESTINES A
CREER DES AIDE-MEMOIRE DANS
DES DOCUMENTS ELECTRONIQUES

(71) THOMSON LICENSING S.A. [FR/FR];
46, Quai A. Le Gallo, F-92648 Boulogne
(FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AUST, ANDREAS, Matthias [DE/US];
17 Aldgate Court, Princeton, NJ 08540 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thom-
son Licensing Inc., 2 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/104850 (13) A1

(21) PCT/US2003/034799

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/437,129 13 May/mai 2003 US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR ROUT-
ING PACKETS IN A WIRED OR WIRE-
LESS NETWORK

• SYSTEME ET PROCEDE
D'ACHEMINEMENT DE PAQUETS

DANS UN RESEAU FILAIRE OU
SANS FIL

(71) KIYON, INC. [US/US]; 4225 Executive
Square, Suite 550, La Jolla, CA 92037 (US).

(72) GILLIES, Donald, W.; 4448 Cather Av-
enue, San Diego, CA 92122 (US). WANG,
Weilin; 12766 Sea Breeze Farms Drive, San
Diego, CA 92130 (US). NOVA, Michael, P.;
2929 Sandy Point, Del Mar, CA 92014 (US).

(74) RAWLINS, Pattric, J.; Procopio, Cory, Har-
greaves & Savitch LLP, 530 B Street, Suite
2100, San Diego, CA 92101 (US).

(81) AE AG AL 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 UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 G06F 15/16

(11) WO 2004/104851 (13) A1

(21) PCT/US2004/015433

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,384 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CENTRALIZED MOBILE AND WIRE-
LESS MESSAGING OPT-OUT REG-
ISTRY SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE RE-
GISTRE CENTRALISE D'EXCLUSION
D'UNE MESSAGERIE SANS FIL ET
MOBILE

(71) M-QUBE, INC. [US/US]; The Prudential
Tower, 800 Boylston Street Suite 1400,
Boston, MA 02199 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) HEWES, Gerald; 43 Follen Road, Lexing-
ton, MA 02421 (US). PIRIE, Michael; 6733
218 th Avenue NE, Redmond, WA 98053
(US). SNYDER, Randall, A.; 1082 Camio
Drive, Campbell, CA 95008 (US). HWANG,
Boom; 22215 NE 85th Street, Redmond, WA
98053 (CA).

(74) SAMUEL, Richard, I. et al. / etc.; Goodwin
Procter LLP, 103 Eisenhower Parkway, Rose-
land, NJ 07068 (US).

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

Published / Publiée : (c)

(51)⁷ G06F 15/177, 13/00

(11) WO 2004/104852 (13) A1

(21) PCT/JP2004/007558

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-148233 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOAD DISTRIBUTION SYSTEM AND LOAD DISTRIBUTION METHOD
• SYSTEME DE REPARTITION DE CHARGE ET PROCEDE DE REPARTITION DE CHARGE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 1058001 (JP). TOSHIBA SOLUTIONS CORPORATION [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 1056691 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRAYAMA, Hideaki [JP/JP]MI-ZOGUCHI, Kenichi [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 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 G06F 17/00

(11) WO 2004/104853 (13) A1

(21) PCT/KR2004/001015

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0027980 1 May/mai 2003 KR (01.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATICALLY WEBSITE CONNECTING SYSTEM KEYWORD AND CONTROL METHOD THEREOF
• MOT CLE DE SYSTEME DE CONNEXION AUTOMATIQUE A UN SITE INTERNET ET METHODE DE CONTROLE ASSOCIEE

(71) UBIZ COMMUNICATION CO., LTD. [KR/KR]; 11th Floor, Dongseoung Bldg., 17-8 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-010 (KR).

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

(72, 75) KIM, Soo-Hyun [KR/KR]; 101-505 Daehyeon Apt., 106-1, Goean-dong, Sosa-gu, Bucheon-si, Gyeonggi-do 422-090 (KR).

(74) LEE, Duck-Rog; YEIL Patent & Trade-mark International, YEILPAT Bldg., 669-17 Yorksam-dong, Kangnam-ku, Seoul 135-915 (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 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 17/00

(11) WO 2004/104854 (13) A1

(21) PCT/KR2004/001171

(22) 18 May/mai 2004 (18.05.2004)

(25) ko (26) en

(30) 10-2003-0033143 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THE WEB-ACCESS MANAGING SYSTEM AND THE WEB-ACCESS MANAGING METHOD THROUGH PACKET CHECKING INTERVAL
• SYSTEME ET PROCEDE DE GESTION DE L'ACCES AU WEB PAR LE BIAIS DE L'INTERVALLE DE VERIFICATION PAR PAQUETS

(71, 72) LEE, Young-Hee [KR/KR]; #311-803, 3-Jugong APT, Ok-Dong, Andong City 760-755 (KR).

(72, 75) LEE, Young-Ok [KR/KR]; #401 Samho APT 7-4, Suan-dong, Dongrea-Gu, Busan City 607-822 (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 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 G06F 17/16

(11) WO 2004/104855 (13) A2

(21) PCT/IL2004/000439

(22) 23 May/mai 2004 (23.05.2004)

(25) en (26) en

(30) 60/472,408 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR COMPUTING A SCALAR PRODUCT OF TWO VECTORS
• PROCEDE ET SYSTEME POUR CALCULER UN PRODUIT SCALAIRE DE DEUX VECTEURS

(71) YOSEF STEIN ALGORITHMICS LTD. [IL/IL]; 16/1 Hazanhanim Street, 76212 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEIN, Yosef [IL/IL]; 16/1 Hazanhanim Street, 76212 Rehovot (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. BOX 4060, 61040 TEL AVIV (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 17/18, 19/00 // 159:00

(11) WO 2004/104856 (13) A1

(21) PCT/AU2004/000696

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902589 26 May/mai 2003 AU (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD FOR IDENTIFYING A SUBSET OF COMPONENTS OF A SYSTEM
• PROCEDE D'IDENTIFICATION D'UN SOUS ENSEMBLE DE COMPOSANTS D'UN SYSTEME

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIIVERI, Harri [AU/AU]; c/o- Commonwealth Scientific And Industrial Research Organisation, Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU). TRAJSTMAN, Albert [AU/AU]; c/o- Commonwealth Scientific And Industrial Research Organisation, Limestone Avenue, Campbell, Australian Capital Territory 2612 (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 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 G06F 17/21, 3/14

(11) WO 2004/104857 (13) A1

(21) PCT/JP2004/006924

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-145310 22 May/mai 2003 JP
(22.05.2003)

(30) 2003-152096 29 May/mai 2003 JP
(29.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DATA PROCESSING DEVICE, DATA
PROCESSING METHOD, DATA PRO-
CESSING PROGRAM, AND COM-
PUTER-READABLE RECORDING
MEDIUM CONTAINING THE DATA
PROCESSING PROGRAM

• DISPOSITIF, PROCÉDE ET
PROGRAMME DE TRAITE-
MENT DE DONNÉES, SUPPORT
D'ENREGISTREMENT LISIBLE PAR
ORDINATEUR CONTENANT CE
PROGRAMME DE TRAITEMENT DE
DONNÉES

(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) MITSUTOMI, Tomoo [JP/JP]; 533,
Raporu Tenri, 2613-1, Ichinomoto-cho,
Tenri-shi, Nara, 6320004 (JP). KADOWAKI,
Motohiro [JP/JP]; 455, Akebonoryo, 2613-1,
Ichinomoto-cho, Tenri-shi, Nara, 6320004
(JP). KITAMURA, Yoshihiro [JP/JP];
1-6-2-409, Asahimachi, Abeno-ku, Os-
aka-shi, Osaka, 5450051 (JP). IWASAKI,
Keisuke [JP/JP]; 6-9-15, Tatsutanishi,
Ikaruga-cho, Ikoma-gun, Nara, 6360154
(JP). SAWADA, Yuji [JP/JP]; A-208,
Kidera Haimu, 3-316-1, Minamikidera-cho,
Nara-shi, Nara, 6308303 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami
Patent Office Mitsui Sumitomo Bank Mi-
namimorimachi Bldg., 1-29, Minamimori-
machi 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 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 G06F 17/30

(11) WO 2004/104858 (13) A1

(21) PCT/EP2003/005433

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND COMPUTER SYSTEM
FOR ASYNCHRONOUS MESSAGING

• PROCÉDE ET SYSTÈME INFORMA-
TIQUE DESTINÉ À UNE MESSAGERIE
ASYNCHRONE

(71) SAP AKTIENGESSELLSCHAFT
[DE/DE]; Intellectual Property Department,
Neurotstrasse 16, 69190 Walldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KRAFT, Frank, Michael [DE/DE];
Nachtigallenweg 45, 67346 Speyer
(DE). BITTNER, Peter [DE/DE];
Georg-Meier-Strasse 86, 68766 Hocken-
heim (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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, 17/60

(11) WO 2004/104859 (13) A1

(21) PCT/JP2003/006395

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THEME ANALYZER
• ANALYSEUR THÉMATIQUE

(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) NAKAO, Yoshio [JP/JP]; c/o FUJITSU
LIMITED, 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa
211-8588 (JP). MARUHASHI, Koji [JP/JP];
c/o FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 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 G06F 17/30, 17/50, 17/60

(11) WO 2004/104860 (13) A1

(21) PCT/JP2004/006829

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142581 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPUTERIZED SERVICE MANUAL
DISPLAY CONTROL DEVICE

• DISPOSITIF DE COMMANDE
D'AFFICHAGE D'UN MANUEL DE
SERVICE INFORMATISE

(71) VICTOR COMPANY OF JAPAN, LIM-
ITED [JP/JP]; 12, Moriya-cho 3-chome,
Kanagawa-ku, Yokohama-shi, Kanagawa,
2218528 (JP).

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

(72, 75) NUNO, Ikuo [JP/JP] (JP). OKUBO,
Hatsuo [JP/JP] (JP).

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.
2F, 8-8, 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
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/30, 17/50, 17/60

(11) WO 2004/104861 (13) A1

(21) PCT/JP2004/006831

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142587 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRONIC SERVICE MANUAL
DISPLAY CONTROL DEVICE

• DISPOSITIF DE CONTRÔLE
D'AFFICHAGE DE MANUEL DE
MAINTENANCE ÉLECTRONIQUE

(71) VICTOR COMPANY OF JAPAN, LIM-
ITED [JP/JP]; 12, Moriya-cho 3-chome,
Kanagawa-ku, Yokohama-shi, Kanagawa,
2218528 (JP).

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

(72, 75) NUNO, Ikuo [JP/JP] OKUBO, Hatsuo
[JP/JP]

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.
2F, 8-8, 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

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/30, 17/50, 17/60

(11) WO 2004/104862 (13) A1

(21) PCT/JP2004/006832

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142639 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRONIC SERVICE MANUAL
DISPLAY CONTROL DEVICE

• DISPOSITIF DE COMMANDE
D'AFFICHAGE D'UN MANUEL DE
SERVICE ELECTRONIQUE

(71) VICTOR COMPANY OF JAPAN, LIM-
ITED [JP/JP]; 12, Moriya-cho 3-chome,
Kanagawa-ku, Yokohama-shi, Kanagawa,
2218528 (JP).

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

(72, 75) NUNO, Ikuo [JP/JP]OKUBO, Hatsuo
[JP/JP]

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.
2F, 8-8, 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
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/30, 17/50, 17/60

(11) WO 2004/104863 (13) A1

(21) PCT/JP2004/006833

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142645 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRONIC SERVICE MANUAL
DISPLAY CONTROL DEVICE

• DISPOSITIF DE COMMANDE
D'AFFICHAGE D'UN MANUEL DE
SERVICE ELECTRONIQUE

(71) VICTOR COMPANY OF JAPAN, LIM-
ITED [JP/JP]; 12, Moriya-cho 3-chome,

Kanagawa-ku, Yokohama-shi, Kanagawa,
2218528 (JP).

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

(72, 75) NUNO, Ikuo [JP/JP]OKUBO, Hatsuo
[JP/JP]

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.
2F, 8-8, 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
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/30, 17/60

(11) WO 2004/104864 (13) A1

(21) PCT/JP2004/006834

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142652 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRONIC SERVICE MANUAL
DISPLAY CONTROL DEVICE

• DISPOSITIF DE COMMANDE
D'AFFICHAGE D'UN MANUEL DE
SERVICE ELECTRONIQUE

(71) VICTOR COMPANY OF JAPAN, LIM-
ITED [JP/JP]; 12, Moriya-cho 3-chome,
Kanagawa-ku, Yokohama-shi, Kanagawa,
2218528 (JP).

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

(72, 75) NUNO, Ikuo [JP/JP]OKUBO, Hatsuo
[JP/JP]

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.
2F, 8-8, 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
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/30

(11) WO 2004/104865 (13) A2

(21) PCT/US2004/014738

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/469,767 12 May/mai 2003 US
(12.05.2003)

(30) 10/691,075 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,098 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,097 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/690,865 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,039 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/690,867 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,279 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/690,870 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,283 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,315 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/691,280 22 Oct/oct 2003 US
(22.10.2003)

(30) 10/690,869 22 Oct/oct 2003 US
(22.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR IN-
TELLECTUAL CAPITAL SHARING
AND CONTROL

• PROCEDES ET SYSTEMES DE PAR-
TAGES ET DE COMMANDE DE CAPI-
TAUX INTELLECTUELS

(71) SUN MICROSYSTEMS, INC. [US/US];
901 San Antonio Road, Palo Alto, CA 94303
(US).

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

(72, 75) WOOKEY, Michael, J. [GB/US]; 120
Old Adobe Road, Los Gatos, CA 95032 (US).

(74) RAUCH, Christopher, P. et al. / etc.; Son-
nenschein Nath & Rosenthal LLP, P.O. Box
061080, Wacker Drive Station, Sears Tower,
Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/30

(11) WO 2004/104866 (13) A2

(21) PCT/US2004/015191

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/440,548 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • READ, WRITE, AND RECOVERY OPERATIONS FOR REPLICATED DATA

• OPERATIONS DE LECTURE, D'ECRITURE ET DE RECUPERATIONS DE DONNEES REPLIQUEES

(71) HEWLETT-PACKARD COMPANY L.L.P. [US/US]; 20555 SH 249, Houston, TX 77070 (US).

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

(72, 75) FROLUND, Svend [DK/US]; 533 Victory Avenue, Mountain View, CA 94043 (US). MERCHANT, Arif [US/US]; 439 Traverso Ave., Los Altos, CA 94022 (US). SAITO, Yasushi [JP/US]; 405 Stierlin Road #43, Mountain View, CA 94043 (US). SPENCE, Susan [GB/US]; 2141 Cranford Circle, San Jose, CA 95124 (US). VEITCH, Alistair [NZ/US]; 1032 Burgoyne Street, Mountain View, CA 94043 (US).

(74) LANGE, Richard, P.; IP Administration, P.O. Box 272400, Fort Collins, CO 80527 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 17/30

(11) WO 2004/104867 (13) A2

(21) PCT/US2004/015458

(22) 15 May/mai 2004 (15.05.2004)

(25) en (26) en

(30) 60/471,851 19 May/mai 2003 US
(19.05.2003)(30) 10/698,812 30 Oct/oct 2003 US
(30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR DOING SERVICE LOCATION MANAGEMENT TAKING INTO ACCOUNT THE NODE AND NETWORK CHARACTERISTICS

• SYSTEME DE GESTION D'EMPLACEMENT DE SERVICES PRENANT EN COMPTE LES CARACTERISTIQUES DE NOEUD ET DE RESEAU

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).

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

(72, 75) COVELL, Michele [US/US]; 2150 Dartmouth, Palo Alto, California 94306 (US). ROY, Sumit [US/US]; 1025 Mallet Court #3, Menlo Park, California 94025 (US). ANKCORN, John [US/US]; 211 Chestnut Avenue, Palo Alto, California 94306 (US). APOSTOLOPOULOS, John G. [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US). HARVILLE, Michael [US/US]; P O Box 60181, Palo Alto, California 94306 (US). SHEN, Bo [US/US]; 865 Bogalusa Court, Fremont, California 94539 (US). TAN, Wai-tian [US/US]; 1564 Pine Pass Terrace, Sunnyvale, California 94087 (US). WEE, Susie J. [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US).

(74) LEE, Denise A.; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, California 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 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 G06F 17/50

(11) WO 2004/104868 (13) A1

(21) PCT/JP2003/006214

(22) 19 May/mai 2003 (19.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HARNESS DESIGN SUPPORT DEVICE, HARNESS DESIGN SUPPORT PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM HAVING THE PROGRAM RECORDED THEREIN

• DISPOSITIF DE SUPPORT DE CONCEPTION DE FAISCEAU DE CABLE, PROGRAMME DE SUPPORT DE CONCEPTION DE FAISCEAU DE CABLE, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR DANS LEQUEL CE PROGRAMME EST ENREGISTRE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) HASHIMA, Masayoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, Kanagawa 211-8588 (JP). SATO, Yuichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, Kanagawa 211-8588 (JP).

(74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) JP US.

(51)⁷ G06F 17/50

(11) WO 2004/104869 (13) A1

(21) PCT/JP2003/006221

(22) 19 May/mai 2003 (19.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLANE SHAPE CREATION SYSTEM, PLANE SHAPE CREATION METHOD AND PROGRAM RECORDING MEDIUM

• SYSTEME DE CREATION DE FORMES PLANES, PROCEDE DE CREATION DE FORMES PLANES ET SUPPORT D'ENREGISTREMENT DE PROGRAMMES

(71) SETOGUCHI LABORATORY LTD. [JP/JP]; 27-3, Naritahigashi 3-chome, Suginami-ku, Tokyo 166-0015 (JP).

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

(71, 72) SETOGUCHI, Ryozo [JP/JP]; 27-3, Naritahigashi 3-chome, Suginami-ku, Tokyo 166-0015 (JP).

(74) KAWAKUBO, Shinichi; 6th Floor Okubo Bldg., 4-12, Yotsuya 2-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AU CA CN IL IN JP KR RU SE US.

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

(51)⁷ G06F 17/50, G06T 17/30, 17/10

(11) WO 2004/104870 (13) A2

(21) PCT/US2004/014952

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 60/471,580 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATED TRANSLATION OF HIGH ORDER COMPLEX GEOMETRY FROM A CAD MODEL INTO A SURFACE BASED COMBINATORIAL GEOMETRY FORMAT

• TRADUCTION AUTOMATISEE DE GEOMETRIE COMPLEXE D'ORDRE ELEVE D'UN MODELE CAO EN UNE SURFACE SUR LA BASE D'UN FORMAT DE GEOMETRIE COMBINATOIRE

(71) RAYTHEON COMPANY [US/US]; 840 Winter Street, Waltham, MA 02451-1449 (US).

(72) MANSON, Steven, J.; 5615 N Maria Drive, Tucson, AZ 85704-5925 (US).

(74) GUNTHER, John, E. et al. / etc.; c/o Raytheon Company, (EO/E4/N119), 2000 East El Segundo Blvd., P.O. Box 902, El Segundo, CA 90245-0902 (US).

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

SY TJ 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 G06F 17/50

(11) WO 2004/104871 (13) A2

(21) PCT/US2004/015093

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/440,436 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED PROOF FLOW SYSTEM
AND METHOD

• SYSTEME ET PROCEDE
D'ECOULEMENT RESISTANT
INTEGRE

(71) CADENCE DESIGN SYSTEMS, INC.
[US/US]; 2655 Seely Avenue, San Jose, CA
95134 (US).

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

(72, 75) CHEN, Kuang-Chien [US/US]; 40743
Slayton Street, Fremont, CA 94539 (US).
WANG, Bow-Yaw [CN/CN]; 4F No. 58
Sec. 2 Academia Road, Nankang, Taipei, 115
(TW).

(74) MEI, Peter, C.; BINGHAM McCUTCHEN
LLP, Three Embarcadero Center, Suite 1800,
San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06F 17/60

(11) WO 2004/104872 (13) A2

(21) PCT/EP2004/005392

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/444,092 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REPO TRADING WITH AN IN-
CREASED AMOUNT OF COLLAT-
ERAL INSTRUMENTS

• NEGOCIATION DE MISE EN PENSION
DES TITRES AVEC UNE QUANTITE
ACCRUE D'INSTRUMENTS COLLA-
TERAUX

(71) OM TECHNOLOGY AB [SE/SE]; Tull-
vaktsvägen 15, S-10578 Stockholm (SE).

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

(72) NEGISHI, Daniel; Kungsholmsgatan 17,
S-11227 Stockholm (SE). HOLM, Susanne;
Beckombergaavägen 89, S-16856 Bromma
(SE). WESTER, Thomas; Gamla Brunnsvä-
gen 2, S-13460 Ingarö (SE).

(74) SANDSTRÖM, Staffan; OM Technology
AB, Tullvaktsvägen 15, S-10578 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 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 G06F 17/60

(11) WO 2004/104873 (13) A2

(21) PCT/EP2004/005393

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/444,091 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC GENERATION OF AN
ORDER IN AN INSTRUMENT IN A
SPECIFIED CURRENCY

• GENERATION AUTOMATIQUE D'UN
ORDRE DANS UN INSTRUMENT,
DANS UNE MONNAIE SPECIFIEE

(71) OM TECHNOLOGY AB [SE/SE]; Tull-
vaktsvägen 15, S-10578 Stockholm (SE).

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

(72) DACKBERG, Claes Urban; Jakob West-
ingatan 5, S-11220 Stockholm (SE). SELL-
BERG, Lars-Ivar; Bergav. 19, S-18253
Danderyd (SE). WENNERBERG, Christer;
Torsgränd 9, 7tr, S-11321 Stockholm (SE).

(74) SANDSTRÖM, Staffan; OM Technology
AB, Tullvaktsvägen 15, S-10578 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 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).

Published / Publiée : (i)

(51)⁷ G06F 17/60

(11) WO 2004/104874 (13) A2

(21) PCT/EP2004/005394

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/444,076 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMIC INFORMATION DISSEM-
INATION WITHIN A TRADING SYS-
TEM

• DISSEMINATION D'INFORMATIONS
DYNAMIQUES DANS UN SYSTEME
DE NEGOCIATION

(71) OM TECHNOLOGY AB [SE/SE]; Tull-
vaktsvägen 15, S-10578 Stockholm (SE).

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

(72) BÄCKESTRAND, Michael; Arkitektvä-
gen 56, S-16832 Bromma (SE). NEGISHI,
Daniel; Kungsholmsgatan 17, S-11227
STOCKHOLM (SE).

(74) SANDSTRÖM, Staffan; OM Technology
AB, Tullvaktsvägen 15, S-10578 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 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).

Published / Publiée : (i)

(51)⁷ G06F 17/60

(11) WO 2004/104875 (13) A2

(21) PCT/EP2004/005567

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 03011812.9 26 May/mai 2003 EP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SALES DEVICE FOR MULTIMEDIA
COMPANIES

• DISPOSITIF DE VENTE D'OEUVRES
MULTIMEDIA

(71) FRANZ MAURER NACHF. GMBH &
CO. KG [DE/DE]; Schwertfegerstrasse 8,
23556 Lübeck (DE).

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

(72, 75) SALZMANN, Martin [DE/DE];
Zwinglistrasse 6, 23568 Lübeck (DE).

(74) WILCKEN, Thomas et al. / etc.; Bei der Lohmühle 23, 23554 Lübeck (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 17/60

(11) WO 2004/104876 (13) A2

(21) PCT/FR2004/001237

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/05973 19 May/mai 2003 FR (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SHORTEST PATH CALCULATION METHOD, AND ROUTING AND/OR SWITCHING METHOD

• PROCEDE DE CALCUL DU PLUS COURT CHEMIN ET PROCEDE DE ROUTAGE ET/OU DE COMMUTATION

(71) KoDe [FR/FR]; 63, rue de la Colonie, F-75013 Paris (FR).

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

(72, 75) KOSKAS, Michel [FR/FR]; 63, rue de la Colonie, F-75013 Paris (FR).

(74) BREESE, Pierre/MAJEROWICZ, Marc; Breesé-Majerowicz, 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 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 G06F 17/60

(11) WO 2004/104877 (13) A1

(21) PCT/IB2004/001696

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 2003 0929/03 23 May/mai 2003 CH (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURE COMPUTER NETWORK SYSTEM FOR PERSONAL DATA MANAGEMENT

• SYSTEME DE RESEAU INFORMATIQUE SECURISE POUR LA GESTION DE DONNEES PERSONNELLES

(71) IRIS-GENEVE [CH/CH]; 14, chemin de Normandie, CH-1206 Geneve (CH).

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

(72, 75) GOBET, Jean [CH/CH]; 14, chemin de Normandie, CH-1206 Geneve (CH).

(74) WILLIAM, BLANC, &, CIE; Conseils en Propriété Industrielle S.A., 25, Avenue du Pailly, CH-11220 Les Avanchets (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).

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 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 G06F 17/60

(11) WO 2004/104878 (13) A1

(21) PCT/JP2003/006394

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMMODITY INFORMATION PROVIDING DEVICE, METHOD, AND PROGRAM

• DISPOSITIF, PROCEDE ET PROGRAMME PERMETTANT DE FOURNIR DES INFORMATIONS SUR DES PRODUITS

(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) TAKANO, Kosei [JP/JP]; c/o FUJITSU LEARNING MEDIA, LTD., 37-10, Nishi-kamata 7-chome, Ota-ku, Tokyo 144-8588 (JP).

SAKATA, 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.

(51)⁷ G06F 17/60

(11) WO 2004/104879 (13) A1

(21) PCT/JP2003/006419

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RELIABILITY IMPARTING METHOD AND DEVICE, AND INFORMATION OPENING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF FIABILITE ET PROCEDE ET DISPOSITIF PERMETTANT DE D'OUVRIR UNE INFORMATION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) WADA, Sachiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAKAI, Akinori; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(51)⁷ G06F 17/60

(11) WO 2004/104880 (13) A1

(21) PCT/JP2003/006537

(22) 26 May/mai 2003 (26.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC INTERVIEWING DEVICE, SYSTEM, AND METHOD

• DISPOSITIF, SYSTEME ET PROCEDE D'ENTRETIEN AUTOMATIQUE

(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) TANAKA, Ritsuko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP US.

(51)⁷ G06F 17/60

(11) WO 2004/104881 (13) A1

(21) PCT/JP2004/005695

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

- (30) 2003-147962 **26 May/mai 2003** JP
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • OPERATION HISTORY UTILIZATION SYSTEM
• SYSTEME DE RECUPERATION DE L'HISTORIQUE DE FONCTIONNEMENT
- (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) KUTSUMI, HiroshiARAKI, ShouichiYOSHIDA, Atsushi
- (74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro 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 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 G06F 17/60
(11) WO 2004/104882 (13) A1
(21) PCT/JP2004/006841
(22) 20 May/mai 2004 (20.05.2004)
(25) ja (26) ja
(30) 2003-143166 **21 May/mai 2003** JP
(21.05.2003)
(30) 2003-287044 **5 Aug/août 2003** JP
(05.08.2003)
(30) 2003-362727 **23 Oct/oct 2003** JP
(23.10.2003)
(30) 2004-034887 **12 Feb/fév 2004** JP
(12.02.2004)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • CARD RESERVATION SETTLEMENT SYSTEM BY ACCEPTANCE VIA TELEPHONE
• SYSTEME DE REGLEMENT DE RESERVATION PAR CARTE PAR ACCEPTATION PAR TELEPHONE
(71, 72) KASAGI, Hidejiro [JP/JP]; 17-16, Okinomiya-cho, Edogawa-ku Tokyo, 1330042 (JP).
(74) SUZUKI, Shoji et al. / etc.; Nihonseimeiyotsuya Bldg. 6th Fl., 16-2, Samoncho, Shinjuku-ku, Tokyo, 1600017 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ 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 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 G06F 17/60
(11) WO 2004/104883 (13) A1
(21) PCT/JP2004/007235
(22) 20 May/mai 2004 (20.05.2004)
(25) ja (26) ja
(30) 2003-141440 **20 May/mai 2003** JP
(20.05.2003)
(30) 2004-146402 **17 May/mai 2004** JP
(17.05.2004)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • CONTENT PROVIDING SYSTEM, INFORMATION PROCESSING DEVICE AND METHOD, AND PROGRAM
• SYSTEME FOURNISSEUR DE CONTENU, DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES, ET PROGRAMME CORRESPONDANT
(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) TSUKAZAKI, Hideo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). ASAKA, Kotaro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). KURIHARA, Akira [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 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 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 G06F 17/60
(11) WO 2004/104884 (13) A1
(21) PCT/KR2004/001116
(22) 13 May/mai 2004 (13.05.2004)
(25) ko (26) en
(30) 10-2003-0031842 **20 May/mai 2003** KR
(20.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ELECTRONIC SETTLEMENT METHOD USING AN ELECTRONIC SLIP
• PROCEDE DE REGLEMENT ELECTRONIQUE UTILISANT UNE FICHE ELECTRONIQUE
(71, 72) KIM, Min-Suh [KR/KR]; Rm405, Daejin Bldg., 951-3, Bangbae2-Dong, Seocho-Gu, Seoul 137-854 (KR).
(74) LEE, Noh-Sung; 2F, Myung-Jin Bldg., 746-9 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 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 G06F 17/60
(11) WO 2004/104885 (13) A1
(21) PCT/KR2004/001117
(22) 13 May/mai 2004 (13.05.2004)
(25) ko (26) en
(30) 10-2003-0031843 **20 May/mai 2003** KR
(20.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • ELECTRONIC SETTLEMENT METHOD BY CONDITIONAL TRADE
• PROCEDE DE REGLEMENT ELECTRONIQUE PAR TRANSACTION CONDITIONNELLE
(71, 72) KIM, Min-Suh [KR/KR]; Rm405, Daejin Bldg., 951-3, Bangbae2-Dong, Seocho-Gu, Seoul 137-845 (KR).
(74) LEE, Noh-Sung; 2F, Myung-Jin Bldg., 746-9 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 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 G06F 17/60
(11) WO 2004/104886 (13) A1
(21) PCT/KR2004/001189
(22) 19 May/mai 2004 (19.05.2004)
(25) ko (26) en

(30) 10-2003-0032812 **23 May/mai 2003** KR
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-CAMPAIGN ASSIGNMENT APPARATUS CONSIDERING OVERLAPPING RECOMMENDATION PROBLEM

• APPAREIL D'ATTRIBUTION DE CAMPAGNES MULTIPLES TENANT COMPTE DU PROBLEME DE RECOM-MANDATIONS SE CHEVAUCHANT

(71) OPTUS CO., LTD. [KR/KR]; San 56-1, Shillim-Dong, Gwanak-gu, Seoul, 151-744 (KR).

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

(72, 75) MOON, Byung-Ro [KR/KR]; 108-1208, GeukDong Apt., SaDang2-Dong, Dong-Jak-gu, Seoul, 156-772 (KR).

(74) KIM, Ham-Kon; HYUNDAI Life Insurance BLDG., 5F., 649-14 Yoksam-Dong, Kang-nam-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 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 G06F 17/60

(11) WO 2004/104887 (13) A1

(21) PCT/KR2004/001228

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 10-2003-0032931 **23 May/mai 2003** KR
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF PURCHASING PRODUCT BASED ON SLIDE SHOW, AND COMPUTER-READABLE RECORDING MEDIUM INCLUDING PROGRAM FOR IMPLEMENTING THE SAME

• PROCEDE PERMETTANT D'ACHETER UN PRODUIT EN FONCTION D'UN DIAPORAMA ET SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR COMPRENANT UN PROGRAMME PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

(71) ISACC SOLUTION PTE., LTD. [KR/KR]; Daebo Marrooniertel, Suite 408, #206, Yeon-geon-dong, Jongno-gu, Seoul 110-460 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Ju-Won [KR/KR]; Gijang Hyundai Apt. 104-1102, Cheonggang-ri, Gijang-eup, Gijang-gun, Busan 619-701 (KR).

(74) CHO, In-Jae; 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 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 G06F 17/60

(11) WO 2004/104888 (13) A1

(21) PCT/SG2004/000138

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 200302860-2 **26 May/mai 2003** SG
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR QUEUE RESERVATION

• SYSTEME ET PROCEDE PERMETTANT DE RESERVER UNE POSITION DANS UNE FILE D'ATTENTE

(71, 72) GOH, Cheh Ngee [SG/SG]; 12A King's Road, Singapore 268064 (SG).

(74) ROBERT WANG & WOO LLC; 9 Temasek Boulevard, #32-01 Suntec Tower Two, Singapore 038989 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 17/60

(11) WO 2004/104889 (13) A1

(21) PCT/US2003/016565

(22) 22 May/mai 2003 (22.05.2003)

(25) en (26) en

(30) 10/249,884 **14 May/mai 2003** US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FINANCIAL INSTRUMENTS AND METHODS

• INSTRUMENTS ET PROCEDES FINANCIERS

(71) MERRILL LYNCH & CO, INC. [US/US]; 4 World Financial Center, New York, NY 10080 (US).

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

(71, 72) ABERMAN, Robert [US/US]; 325 Dwasline Road, Passaic, NJ 07055 (US). KAPERST, Stuart, C. [US/US]; 180 E 79th St #10F, New York, NY 10021 (US). KAPLAN, Todd, K. [US/US]; 254 Scott Ave, Winnetka, IL 60093 (US). KRISSEL, Jonathan [US/US]; Merrill Lynch & Co. Inc., 250 Vesey Street - 28th floor, New York, NY 10080 (US). STEIN, Russell, L. [US/US]; 10 Karens Ln, Englewood Cliffs, NJ 07632 (US).

(74) OPPEDAHL, Carl; Oppedahl & Larson LLP, P O Box 5068, Dillon, CO 80435-5068 (US).

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

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

(51)⁷ G06F 17/60

(11) WO 2004/104890 (13) A1

(21) PCT/US2003/017474

(22) 4 Jun/juin 2003 (04.06.2003)

(25) en (26) en

(30) 10/436,675 **13 May/mai 2003** US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR PROJECT TRACKING AND REPORTING

• SYSTEME ET PROCEDE DESTINES A ASSURER LE SUIVI ET L'ETABLISSEMENT DE RAPPORTS SUR DES PROJET

(71) UNITED STATES POSTAL SERVICE [US/US]; 475 L'Enfant Plaza, S.W., Room 6344, Washington, DC 20260-1136 (US).

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

(72, 75) JUDY, Deborah [US/US]; 12410 Roskledge Drive, Bowie, MD 20715 (US).

(74) GARRETT, Arthur, S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/104891 (13) A1

(21) PCT/US2004/014416

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 10/440,089 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATED UTILITY SUPPLY MANAGEMENT SYSTEM INTEGRATING DATA SOURCES INCLUDING GEOGRAPHIC INFORMATION SYSTEMS (GIS) DATA.

• SYSTEME DE GESTION AUTOMATIQUE DE LA FOURNITURE DE SERVICES PUBLICS A SOURCES DE DONNEES INTEGRES COMPRENANT DES DONNEES DE SYSTEMES D'INFORMATIONS GEOGRAPHIQUES (GIS)

(71, 72) CHAUHAN, S.K. [US/US]; 3005 Davenport Drive, Hampton Cove, AL 35763 (US). GUMAN, Michael, A. [US/US]; 117 Mossy Branch Drive, Harvest, AL 35749 (US). PALMER, Christopher, M. [US/US]; 12104 Comanche Trail, Huntsville, AL 35803 (US). WILSON, Frank [US/US]; 104 Mabry Drive, Madison, AL 35758 (US). O'NEILL, Adrian, I. [US/US]; 514-7584 Old Madison Pike, Huntsville, AL 35806 (US). DINKINS, Jason [US/US]; 1505 Berrivine Drive, Hartselle, AL 35640 (US). SANDERS [US/US]; 132 Arabian Drive, Madison, AL 35758 (US).

(74) FISHER, Stanley, P.; Reed Smith LLP, 3110 Fairview Park Drive, Suite 1400, Falls Church, VA 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06F 17/60

(11) WO 2004/104892 (13) A2

(21) PCT/US2004/016110

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,946 20 May/mai 2003 US (20.05.2003)

(30) 10/849,407 19 May/mai 2004 US (19.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SYSTEM AND USER INTERFACE SUPPORTING WORKFLOW OPERATION IMPROVEMENT

• SYSTEME ET INTERFACE UTILISATEUR PERMETTANT UNE AMELIORATION DES OPERATIONS DE FLUX DE TRAVAIL

(71) SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).

(72) ABRAHAM-FUCHS, Klaus; Graslitz Str. 17, 91058 Erlangen (DE). SIEBOLD, Horst; Am Martin-Becham-Weg 4, 91090 Effeltrich (DE). WELLER, Gerhard; Lampertsbuchl 41, 91054 Erlangen (DE).

(74) BURKE, Alexander J. 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 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 G06F 19/00, 153/02, G07B 11/00

(11) WO 2004/104893 (13) A1

(21) PCT/AU2004/000670

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003902475 21 May/mai 2003 AU (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SYSTEM FOR AND METHOD OF DISTRIBUTING TICKETS

• SYSTEME ET PROCEDE DE DISTRIBUTION DE BILLETS

(71) SHAW IP PTY LTD [AU/AU]; Kennerly, 14 Ventnor Avenue, West Perth, W.A. 6005 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAW, Grant, Langley, Hohepa [AU/AU]; 23 cachuca Court, Duncraig, W.A. 6023 (AU).

(74) JANET STEAD PATENT & TRADE MARKS ATTORNEY; P O Box 2076, Claremont North, W.A. 6010 (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 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 G06F 19/00

(11) WO 2004/104894 (13) A2

(21) PCT/EP2004/004846

(22) 6 May/mai 2004 (06.05.2004)

(25) de (26) de

(30) 103 22 686.9 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR LINKING SETS OF DATA COMPRISING MEDICAL THERAPEUTIC INDICATIONS

• PROCEDE DE LIAISON D'ENREGISTREMENTS DE DONNEES COMPORTANT DES INDICATIONS THERAPEUTIQUES MEDICALES

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelbacherplatz 2, 80333 München (DE).

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(72, 75) ABRAHAM-FUCHS, Klaus [DE/DE]; Graslitz Str. 17, 91058 Erlangen (DE). RUMPEL, Eva [DE/DE]; Anton-Bruckner-Str. 16, 91052 Erlangen (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 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 G06F 19/00

(11) WO 2004/104895 (13) A2

(21) PCT/EP2004/005368

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0301458-6 20 May/mai 2003 SE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR AUTOMATED DIFFERENTIAL EVALUATION

• PROCEDE POUR UNE EVALUATION DIFFERENTIELLE AUTOMATIQUE

(71, 72) LINDSTRÖM, Lars [SE/SE]; Lekevallsgatan 46, S-431 69 Mölndal (SE). LUNDHOLM, Kent [SE/SE]; Birkavägen 7, S-429 33 Kullavik (SE).

(74) AWAPATENT AB; P.O. Box 11394, S-402 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 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 G06F 19/00

(11) WO 2004/104896 (13) A2

(21) PCT/EP2004/005548

(22) 24 May/mai 2004 (24.05.2004)

(25) de (26) de

(30) 103 23 917.0 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR ELUCIDATING THE PRIMARY STRUCTURE OF BIOPOLYMERS

• PROCEDE ET SYSTEME POUR DETERMINER LA STRUCTURE PRIMAIRE DE BIOPOLYMERES

(71) PROTAGEN AG [DE/DE]; Emil-Figge-Strasse 76A, 44227 Dortmund (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BLÜGGEL, Martin [DE/DE]; Körner Hellweg 65, 44143 Dortmund (DE). CHAMRAD, Daniel [DE/DE]; Langendreer Strasse 76, 44388 Dortmund (DE).

(74) SCHÄFER, Wolfgang; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 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 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 G06F 19/00, A63F 13/10 // G06F 161:00

(11) WO 2004/104897 (13) A1

(21) PCT/FI2004/050073

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 20030768 21 May/mai 2003 FI (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD, A MOBILE DEVICE AND A MEMORY UNIT FOR PLAYING GAMES

• PROCEDE, DISPOSITIF MOBILE ET UNITE A MEMOIRE POUR SYSTEMES DE JEUX

(71) MYORIGO OY [FI/FI]; Kasarmintie 28 H 25, FI-90230 Oulu (FI).

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(72, 75) VÄÄNÄNEN, Johannes [FI/FI]; Kultasirkuntie 13, FI-90420 Oulu (FI).

(74) PATENT AGENCY COMPATENT LTD.; Hämeentie 29, 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 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).

Published / Publiée : (c)

(51)⁷ G06F 19/00

(11) WO 2004/104898 (13) A2

(21) PCT/GB2004/002193

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311799.1 22 May/mai 2003 GB (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MEDICAL INFORMATION SYSTEM

• SYSTEME D'INFORMATIONS MEDICALES

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(74) ATKINSON, Ralph; Atkinson Burrington, 28 President Buildings, President Way, Sheffield S4 7UR (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 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 G06F 19/00

(11) WO 2004/104899 (13) A2

(21) PCT/IB2004/050689

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101453.3 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTHENTICATION OF A PHYSICAL OBJECT

• AUTHENTIFICATION D'UN OBJET PHYSIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) TUYLS, Pim, T. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DENTENEER, Theodorus, J., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LINNARTZ, Johan, P., M., G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VERBITSKIY, Evgeny, A. [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 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).

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 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 G06F 19/00

(11) WO 2004/104900 (13) A2

(21) PCT/US2004/010395

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/442,730 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SYSTEM, METHOD AND COMPUTER PRODUCT FOR PREDICTING PROTEIN-PROTEIN INTERACTIONS
- SYSTÈME, PROCÉDE ET PRODUIT INFORMATIQUE PERMETTANT DE PREVOIR DES INTERACTIONS ENTRE PROTÉINES

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
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(72, 75) **ZHAO, Ming** [CN/US]; 7 Dawson Lane, Clifton Park, NY 12065 (US). **TEMKIN, Joshua, Michael** [US/US]; 95 Squire Lane, Clifton Park, NY 12065 (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)

(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 19/00

(11) WO 2004/104901 (13) A1

(21) PCT/US2004/014876

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/438,261 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR IDENTIFYING CANDIDATES FOR IMPLANTABLE CARDIOVERTER/DEFIBRILLATOR

- SYSTÈME POUR IDENTIFIER DES CANDIDATS POUR UN DEFIBRILLATEUR/DEFIBRILLATEUR A SYNCHRONISATION AUTOMATIQUE IMPLANTABLE

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).
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(72, 75) **LOZIER, Luke, R.** [US/US]; 219 Rutherford Road, Stillwater, MN 55082 (US). **GILLIAM, Roosevelt, F., III** [US/US]; 201 West Poythress Street, Hopewell, VA 23860 (US). **JOHNSON, Robert, J., Jr** [US/US]; 22251 Natchez Avenue, Lakeville, MN 55044 (US). **GERVAIS, Scott** [US/US]; 6833 Cattail Court, Cottage Grove, MN 55016 (US). **WEBBER, Sarah** [US/US]; 2312 Randy Place, White Bear Lake, MN 55110 (US). **ROMAN, Carlos** [US/US]; 1535 154th Avenue N.W., Andover, MN 55304 (US).

(74) **STEFFEY, Charles, E. et al.** / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, 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 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).

Published / Publiée : (c)

(51)⁷ G06F 21/00, H04L 29/06, G06F 17/30, 1/00

(11) WO 2004/104902 (13) A1

(21) PCT/GB2004/001629

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/443,675 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISTRIBUTED FILESYSTEM NETWORK SECURITY EXTENSION

- EXTENSION DE LA SÉCURITÉ D'UN RÉSEAU DE FICHIERS RÉPARTI

(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) **KEOHANE, Susann, Marie** [US/US]; 1911 Brackenridge Street, Austin, Texas 78704 (US). **MCBREARTY, Gerald, Francis** [US/US]; 10709 Bayridge Cove, Austin, Texas 78759 (US). **MULLEN, Shawn, Patrick** [US/US]; 39 Country Oaks, Buda, Texas 78610 (US). **MURILLO, Jessica, Kelley** [US/US]; 980 Country Road 109, Hutto, Texas 78634 (US). **SHIEH, Johnny, Meng-Han** [US/US]; 5908 Upvalley Run, Austin, Texas 78731 (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 G06K

(11) WO 2004/104903 (13) A2

(21) PCT/US2004/015775

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/473,250 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPUTER MOUSE

- SOURIS D'ORDINATEUR

(71) **WILLAT ERGONOMIC TECHNOLOGIES, LLC** [US/US]; 5674 El Camino Real, Suite H, Carlsbad, CA 92008 (US).

(72) **WILLAT, Boyd, I.**; 9120 Oriole Way, Los Angeles, CA 90069 (US). **CORDOVA, Adrian**; 4712 Fairport Way, San Diego, CA 92130 (US). **PORTILLO, Robert, C.**; 2740 Flower Fields Way, Carlsbad, CA 92008 (US).

(74) **LOWRY, Stuart, O. et al.** / etc.; Kelly Lowry & Kelley, 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 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 G06K

(11) WO 2004/104904 (13) A2

(21) PCT/US2004/015868

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,850 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-USER SERVER SYSTEM AND
METHOD

• SYSTEME ET PROCEDE A SERVEUR
A UTILISATEUR MULTIPLES

(71) AXIS SYSTEMS, INC. [US/US]; 209 Java
Drive, Sunnyvale, CA 94089 (US).
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les États désignés sauf US)

(72, 75) LIN, Sharon, Sheau-Pyng [US/US];
10122 Berkshire Court, Cupertino, CA 95014
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Burns Doane Swecker & Mathis LLP,
P.O.Box 1404, Alexandria, VA 22313-1404
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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).

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 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)

(t) for all designations / pour toutes les
désignations

(51)⁷ G06K 7/10

(11) WO 2004/104905 (13) A1

(21) PCT/CA2004/000480

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/444,406 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL READER STATION

• POSTE DE LECTEUR OPTIQUE

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cent, Almonte, Ontario K0A 1A0 (CA).

(74) RYMEK, Edward et al. / etc.; Gowling
Lafleur Henderson LLP, 160 Elgin Street,
Suite 2600, Ottawa, Ontario K1P 1C3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06K 9/00

(11) WO 2004/104906 (13) A1

(21) PCT/DE2003/001556

(22) 14 May/mai 2003 (14.05.2003)

(25) de (26) de

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR THE
RECOGNITION OF BIOMETRIC DATA
FOLLOWING RECORDING FROM AT
LEAST TWO DIRECTIONS

• PROCEDE ET DISPOSITIF DE RECON-
NAISSANCE DE DONNEES BIOME-
TRIQUES APRES ENREGISTREMENT
A PARTIR D'AU MOINS DEUX DIREC-
TIONS

(71) TBS HOLDING AG [CH/CH]; Schindel-
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NOTHAFT, Hans-Peter [DE/DE]; Jasmin-
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(74) LIEDTKE, Klaus; Elisabethstrasse 10,
Postfach 10 19 16, 99019 Erfurt (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06K 9/00, A63F 13/00, G06K 9/24,
G06F 17/00, 19/00

(11) WO 2004/104907 (13) A1

(21) PCT/IB2004/001627

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 0311672.0 21 May/mai 2003 GB
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTHENTICATION SYSTEM

• SYSTEME D'AUTHENTIFICATION

(71) WATERLEAF LIMITED [GB/GB]; 1st
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(for all designated States except / pour tous
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(GB).

(74) BOWMAN GILFILLAN (JOHN & KER-
NICK); P.O. Box 3511, Halfway House, 1685
Midrand (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 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 G06K 9/62

(11) WO 2004/104908 (13) A1

(21) PCT/IB2004/001647

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 03300017.5 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR VERIFY-
ING THE IDENTITY OF AN OBJECT

• PROCEDE ET DISPOSITIF POUR VE-
RIFIER L'IDENTITE D'UN OBJET

(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) BAGGEN, Constant, Paul, Marie,
Jozef [NL/FR]; Société Civile SPID, 156

Boulevard Haussmann, F-75008 Paris (FR).
GOESLING, Jasper [NL/FR]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). **AKKERMANS, Antonius, Hermanus, Maria** [NL/FR]; 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 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).

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 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 G06K 17/00

(11) WO 2004/104909 (13) A1

(21) PCT/JP2004/007428

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-146143 23 May/mai 2003 JP (23.05.2003)

(30) 2003-199719 22 Jul/juil 2003 JP (22.07.2003)

(30) 2003-423390 19 Dec/déc 2003 JP (19.12.2003)

(30) 2004-94704 29 Mar/mar 2004 JP (29.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CARD PROCESSING DEVICE

• DISPOSITIF DE TRAITEMENT DE CARTES

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).

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(72, 75) **TADAMASA, Akihiro** [JP/JP]; c/o Omron Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).

(74) **OKUMURA, Hideyuki**; 5th Floor, Kitashiraishi Bldg., Nishikan, 6-3-24, Nishinakajima, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06K 17/00

(11) WO 2004/104910 (13) A1

(21) PCT/JP2004/007429

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-146143 23 May/mai 2003 JP (23.05.2003)

(30) 2003-199719 22 Jul/juil 2003 JP (22.07.2003)

(30) 2003-423390 19 Dec/déc 2003 JP (19.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CARD PROCESSING DEVICE

• DISPOSITIF DE TRAITEMENT DE CARTE

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Masanobu** [JP/JP]; c/o Omron Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **YAMASHITA, Akinori** [JP/JP]; 44-6, Nishiyamada, Shimokaiinji, Nagaokakyo-shi, Kyoto 617-0845 (JP).

(74) **OKUMURA, Hideyuki**; 5th Floor, Kitashiraishi Bldg., Nishikan, 6-3-24, Nishinakajima, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06K 19/00, H01L 23/12, B42D 15/10

(11) WO 2004/104911 (13) A1

(21) PCT/JP2004/006898

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-146759 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IC CARD AND IC CARD MAKING METHOD

• CARTE A CIRCUIT INTEGRE ET PROCEDE DE FABRICATION D'UNE CARTE A CIRCUIT INTEGRE

(71) **KONICA MINOLTA PHOTO IMAGING, INC.** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Hideki** [JP/JP]; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). **KITAMURA, Shigehiro** [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 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 G06K 19/00, G09F 3/00, B42D 15/10

(11) WO 2004/104912 (13) A1

(21) PCT/JP2004/007195

(22) 26 May/mai 2004 (26.05.2004)

(25) ja (26) ja

(30) 2003-147886 26 May/mai 2003 JP (26.05.2003)

(30) 2004-155697 26 May/mai 2004 JP (26.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION CARRIER, INFORMATION RECORDING MEDIUM, SENSOR, COMMODITY MANAGEMENT METHOD

• SUPPORT D'INFORMATION, SUPPORT D'ENREGISTREMENT D'INFORMATIONS, CAPTEUR, PROCEDE DE GESTION D'ARTICLES

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 6008530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAI, Wakahiro**

(74) **HARA, Kenzo**; 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06K 19/02, 19/06, B42D 15/10

(11) WO 2004/104913 (13) A2

(21) PCT/US2004/012864

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/439,662 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURITY DEVICE WITH SPECULAR REFLECTIVE LAYER

• DISPOSITIF DE SECURITE A COUCHE DE REFLEXION SPECULAIRE

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOURDELAIS, Robert [US/US]; 59 Oakshire Way, Pittsford, NY 14534 (US). KAMINSKY, Cheryl, Jane [US/US]; 524 Glenview Court, Webster, NY 14580 (US). CHEN, Wen-Li, Adam [US/US]; 45 Westfield Commons, Rochester, NY 14625 (US). LO, Yawcheng [US/US]; 95 Fairhill Drive, Rochester, NY 14618 (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 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).

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 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 GR HU IE IT LU MC NL 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 G06K 19/07, G06F 3/00, 13/00, 1/16

(11) WO 2004/104914 (13) A1

(21) PCT/EP2004/050855

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) CH 2003 0911/03 22 May/mai 2003 CH (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PORTABLE DATA SUPPORT DEVICE

• DISPOSITIF PORTABLE DE SUPPORT DE DONNÉES

(71, 72) MAFFINI, Patrice [CH/CH]; Chemin du Collège 58, CH-1400 Cheseau-Noréaz (CH).

(74) WENGER, Joel; Leman Consulting S.A., Route de Clémenty 62, CH-1260 Nyon (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).

Published / Publiée : (c)

(51)⁷ G06K 19/07

(11) WO 2004/104915 (13) A1

(21) PCT/IB2004/050675

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101428.5 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRONIC COMMUNICATIONS SYSTEM

• SYSTEME DE COMMUNICATION ELECTRONIQUE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) NOWOTNICK, Juergen [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weissshausr. 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 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).

Published / Publiée : (c)

(51)⁷ G06K 19/073

(11) WO 2004/104916 (13) A2

(21) PCT/EP2004/005365

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 103 23 033.5 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOADING AN EXECUTABLE PROGRAM INTO A PORTABLE DATA CARRIER

• CHARGEMENT D'UN PROGRAMME EXECUTABLE, DANS UN SUPPORT DE DONNÉES PORTATIF

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81667 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGBRECHT, Erich [DE/DE]; Lessingstrasse 66, 85646 Anzing (DE). HOCK-AUF, Robert [DE/DE]; Eggenfeldenerstrasse 127, 81929 München (DE). ULBRICHT, Thorsten [DE/DE]; Rothschaigstrasse 39a, 80997 München (DE). SCHUBERT, Rudolf [DE/DE]; Gebr.-Batscheiderstrasse 13, 82041 Oberhaching (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 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).

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 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 G06N 3/04

(11) WO 2004/104917 (13) A1

(21) PCT/JP2003/006264

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SENSOR AND SENSOR PROGRAM
• DETECTEUR ET PROGRAMME DE
DETECTION

(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) NAGASHIMA, Fumio [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) YAMADA, Masaki et al. / etc.; Kosugi &
Yamada, Pelican Building, 4th Floor, 3-3,
Nishi-shimbashi 3-chome, Minato-ku, Tokyo
105-0003 (JP).

(81) JP US.

(51)⁷ G06N 3/12

(11) WO 2004/104918 (13) A2

(21) PCT/IB2004/001639

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,001 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DNA BASED NUMBER SYSTEM AND
ARITHMETIC
• ARITHMETIQUE ET SYSTEME DE
NUMERATION A BASE D'ADN

(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) BHARADWAJ, Lalit, M.; CSIO, Sector
30, Chandigarh 160 030 (IN). SHUKLA,
Awdhesh, Kumar; CSIO, Sector 30, Chandi-
garh 160 030 (IN). BHONDEKAR, Amol,
P.; CSIO, Sector 30, Chandigarh 160 030
(IN). KUMAR, Rakesh; CSIO, Sector 30,
Chandigarh 160 030 (IN). BAJPAI, Ram,
Prakash; CSIO, Sector 30, Chandigarh 160
030 (IN).

(74) SUBRAMANAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash-II, New Delhi 110 048 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ G06N 5/00

(11) WO 2004/104919 (13) A2

(21) PCT/EP2004/002225

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 10323183.8 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXPERT SYSTEM FOR EVALUATING
AN INFORMATION GAIN WITH RE-
GARD TO A STATE OF A SYSTEM
• SYSTEME EXPERT POUR EVALUER
UN GAIN DE DONNEES SUR UN ETAT
DE SYSTEME

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
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les États désignés sauf US)

(72, 75) HORN, Joachim [DE/DE]; Pfeffer-
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85591 Vaterstetten (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 G06T

(11) WO 2004/104920 (13) A2

(21) PCT/IB2004/050678

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101429.3 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ESTIMATING AN EDGE ORIENTA-
TION

• ESTIMATION DE L'ORIENTATION
D'UN CONTOUR

(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) DE HAAN, Gerard [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 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).

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 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 G06T

(11) WO 2004/104921 (13) A2

(21) PCT/US2004/015019

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,349 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR AU-
TOMATIC PROCESSING OF ENDO-
SCOPIC IMAGES

• SYSTEME ET PROCEDE DE TRAI-
TEMENT AUTOMATIQUE D'IMAGES
ENDOSCOPIQUES

(71, 72) ODLIVAK, Andrew [US/US]; 7 Kather-
ine Court, Oakdale, NY 11769 (US). PEAR-
SON, Philip [US/US]; 82 Fairview Place
#7, Sea Cliff, NY 11579 (US). SHAPIRO,
Marc [US/US]; 53 Shoreham Drive East, Dix
Hills, NY 11746 (US). AGARWAL, Deepak
[IN/US]; 141 Blueberry Lane, Hicksville, NY
11801 (US). DIVINSKY, Aaron [CA/US];
104 Cliff Avenue, Sayville, NY 11782 (US).
COTTON, Peter, B. [US/US]; 1557 Aztec
Lane, Mt. Pleasant, SC 29466 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Mur-
phy & Presser, 400 Garden City, NY 11530
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(i) for all designations / pour toutes les
designations

(51)⁷ G06T

(11) WO 2004/104922 (13) A2

(21) PCT/US2004/015263

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,102 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE AND PART RECOGNITION
TECHNOLOGY

• TECHNOLOGIE DE RECONNAIS-
SANCE D'UNE IMAGE ET D'UNE
PARTIE D'IMAGE

(71) BOARD OF REGENTS, THE UNIVER-
SITY OF TEXAS SYSTEM [US/US]; 201
West 7th Street, Austin, Texas 78701 (US).
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les États désignés sauf US)

(72, 75) MEIRING, Jason, E. [US/US]; 1849A
River Crossing Circle, Austin, Texas 78741
(US). MICHAELSON, Timothy, B.
[US/US]; 605 Middleway Road, Pflugerville,
Texas 78660 (US). WILLSON, Grant, C.
[US/US]; 4 Downie Place, Austin, Texas
78746 (US).

(74) MEYERTONS, Eric, B.; MEYERTONS,
HOOD, KIVLIN, KOWERT & GOETZEL,
P.C., P.O. Box 398, Austin, Texas 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 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 G06T

(11) WO 2004/104923 (13) A2

(21) PCT/US2004/015359

(22) 13 May/mai 2004 (13.05.2004)

(25) en

(30) 60/470,931 14 May/mai 2003 US
(14.05.2003)

(30) 10/766,515 27 Jan/jan 2004 US
(27.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED OBJECT SQUASH AND
STRETCH METHOD AND APPARA-
TUS

• PROCEDE ET APPAREIL
D'ECRASUREMENT ET D'ETIREMENT
D'OBJET INTEGRES

(71) PIXAR [US/US]; 1200 Park Avenue,
Emeryville, California 94608 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MULLINS, David, H. II [US/US];
89 Kingston Road, Kensington, Califor-
nia 94707 (US). HUNTER, Steven, Clay
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California 94110 (US). RUSS, Robert, H.
[US/US]; 201 Schooner Court, Richmond,
California 94804 (US). WISE, William, A.
[US/US]; 461 Hudson Street, Oakland, Cali-
fornia 94618 (US). SHEFFLER, William, F.
[US/US]; 6524 Whitney Street, Oakland, Cal-
ifornia 94609 (US). HOFFMAN, Christian,
D. [US/US]; 6601 Saroni Drive, Oakland,
California 94611 (US).

(74) PANG, Stephen, Y. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero 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 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 G06T

(11) WO 2004/104924 (13) A2

(21) PCT/US2004/015893

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,552 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN IMAGE VIEWING DEVICE AND
METHOD OF USE

• DISPOSITIF DE VISUALISA-
TION D'IMAGES ET PROCEDE
D'UTILISATION ASSOCIE

(71) IMAGE BALL, LLC [US/US]; 2250 South
Decker Lake Boulevard, Suite 22, Salt Lake
City, UT 84119 (US).
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(72, 75) SHIRLEY, Brian [—/US]; P.O. Box
271157, Salt Lake City, UT 84127 (US).

(26) en

LOWE, Roger [—/US]; 9791 North 5740
West, Highland, UT 84003 (US). NOKES,
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Sandy, UT 84070 (US).

(74) WINDER, Brent, T.; Jones, Waldo, Hol-
brook & McDonough, 170 South Main Street,
Suite 1500, Salt Lake City, UT 84101-1644
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G06T

(11) WO 2004/104925 (13) A2

(21) PCT/US2004/016313

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,491 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR USE
IN INJECTING LIGHT INTO AN OPTI-
CAL SYSTEM

• PROCEDE ET APPAREIL SERVANT A
INJECTER DE LA LUMIERE DANS UN
SYSTEME OPTIQUE

(71) LIGHT PRESCRIPTION INNOVA-
TORS, LLC [US/US]; 16662 Hale Avenue,
Irvine, CA 92606 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) PARKYN, William, A. [US/US]; 25031
Neko Drive, Lomita, CA 90717 (US). FAL-
ICOFF, Waqidi [US/US]; 1168 Campanile,
Newport Beach, CA 92600 (US). MINANO,
Juan, Carlos [ES/ES]; Calle Santa Cruz
De Marcenado, 31,7, E-28015 Madrid (ES).
BENITEZ, Pablo [ES/ES]; Calle Canon del
Rio Lobos 11, 3B, ES-28030 Madrid (ES).
SUN, Yupin [US/US]; 20445 Via Canarias,
Yorba Linda, CA 92887 (US). ALVAREZ,
Roberto [US/US]; 709 Grand Avenue, South
Pasadena, CA 90130 (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 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 G06T 1/00

(11) WO 2004/104926 (13) A1

(21) PCT/IB2004/050690

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101447.5 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIGITAL FINGERPRINTS AND WATERMARKS FOR IMAGES

• FILIGRANES ET EMPREINTES DIGITALES NUMERISES POUR IMAGES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) ROBERTS, David, K. [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHMITZ, Herman, J., R.; 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 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).

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 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 G06T 5/00

(11) WO 2004/104927 (13) A2

(21) PCT/IB2004/001658

(22) 22 May/mai 2004 (22.05.2004)

(25) en (26) en

(30) 60/472,486 22 May/mai 2003 US
(22.05.2003)

(30) 60/540,630 31 Jan/jan 2004 US
(31.01.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANALYSIS AND DISPLAY OF FLUORESCENCE IMAGES

• ANALYSE ET AFFICHAGE D'IMAGES FLUORESCENTES

(71) INSPEKTOR RESEARCH SYSTEMS B.V. [NL/NL]; Quellijnstraat 92, NL-1072 XX Amsterdam (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE JOSSELIN DE JONG, Elbert [NL/NL]; Gooilandseweg 10, NL-1406 LL Bussum (NL). VAN DER VEEN, Monique, H. [NL/NL]; Joris Ivenslaan 45, NL-1325 LX Almere (NL). WALLER, Elbert [NL/NL]; Ruyschstraat 6-hs, NL-1091 CB Amsterdam (NL).

(74) VON, HELLFELD, Axel; Wuesthoff & Wuesthoff, Schweigerstrasse 2, 81541 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 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 G06T 5/00

(11) WO 2004/104928 (13) A1

(21) PCT/IB2004/050670

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101427.7 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ESTIMATING AN EDGE ORIENTATION

• ESTIMATION DE L'ORIENTATION D'UN CONTOUR

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE HAAN, Gerard [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 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).

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 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 G06T 5/00

(11) WO 2004/104929 (13) A2

(21) PCT/US2004/016241

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,335 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEXTURE BASED METHOD AND SYSTEM FOR THE ANTI-ALIASING OF LINES AND CHARACTERS

• PROCEDE ET SYSTEME BASES SUR LA TEXTURE, POUR REALISER L'ANTI-CRENELAGE DE LIGNES ET DE CARACTERES

(71) HONEYWELL INTERNATIONAL, INC. [US/US]; Miriam Jackson, Esq., Law Department AB2, P.O. Box 2245, Morristown, New Jersey 07962-9806 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANCOCK, William, R. [US/US]; 1026 E. Tierra Buena Lane, Phoenix, Arizona 85022 (US). COUNTRYMAN, Neal, P. [US/US]; 524 Idalia Court, Ft. Collins, Colorado 80525 (US).

(74) JACKSON, Miriam; Honeywell International, Inc., Law Department AB2, P.O. Box 2245, Morristown, New Jersey 07962-9806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G06T 9/00

(11) WO 2004/104930 (13) A2

(21) PCT/HU2004/000055

(22) 20 May/mai 2004 (20.05.2004)

(25) hu (26) en

(30) P0301368 **20 May/mai 2003** HU
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HYBRID VIDEO COMPRESSION METHOD

• PROCEDE HYBRIDE DE COMPRES-
SION VIDEO

(71) AMT ADVANCED MULTIMEDIA TECHNOLOGY AB [SE/SE]; Box 102, S-374 22 Karlshamn (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOTH, Peter [HU/SE]; Lärkvägen 20, S-374 50 Asarum (SE). KÁROLY, József [HU/SE]; Petreplan 9B, S-293 32 Olofström (SE).

(74) BOKOR, Tamás; S.B.G. & K. Patent and Law Offices, Andrassy út 113., H-1062 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06T 9/00, H04N 5/262

(11) WO 2004/104931 (13) A1

(21) PCT/US2004/009491

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/470,712 **15 May/mai 2003** US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR REPRESENTING IMAGE GRANULARITY BY ONE OR MORE PARAMETERS

• PROCEDE ET APPAREIL PERMET-
TANT DE REPRESENTER LA GRANU-
LARITE D'UNE IMAGE PAR UN OU
PLUSIEURS PARAMETRES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMILA, Cristina [ES/US]; 25C Chestnut Court, Princeton, NJ 08540 (US). KOBILANSKY, Alexander [US/US]; 17 Seneca Road, Ossining, NY 10562 (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).

(51)⁷ G06T 11/00

(11) WO 2004/104932 (13) A1

(21) PCT/EP2004/004518

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03011579.4 **22 May/mai 2003** EP
(22.05.2003)

(30) 60/473,833 **27 May/mai 2003** US
(27.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR SUPER-SAMPLING RASTERIZATION OF IMAGE DATA

• PROCEDE ET SYSTEME DE TRA-
MAGE PAR SUPERECHANTILLON-
NAGE DE DONNEES IMAGE

(71) TELEFONAKTIEBOLAGET L MERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKENINE-MÖLLER, Tomas [SE/SE]; Rosenvägen 13, S-227 38 Lund (SE).

(74) BYSTRÖM, Linus; 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 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 G06T 11/20, G09G 5/28, G06F 17/21

(11) WO 2004/104933 (13) A1

(21) PCT/US2004/014793

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/440,489 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMIC SELECTION OF ANTI-ALIASING PROCEDURES

• SELECTION DYNAMIQUE DE PRO-
CEDURES ANTICRENELAGE

(71) ADOBE SYSTEMS INCORPORATED [US/US]; 345 Park Avenue, San José, CA 95110 (US).

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(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 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).

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 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)

(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 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 G06T 13/00, 15/70

(11) WO 2004/104934 (13) A1

(21) PCT/US2003/026371

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(30) 10/438,732 **14 May/mai 2003** US
(14.05.2003)

(30) 10/438,748 **14 May/mai 2003** US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STATISTICAL DYNAMIC COLLISIONS METHOD AND APPARATUS

- PROCEDE ET APPAREIL DE COLLISIONS DYNAMIQUES STATISTIQUES

(71) **PIXAR** [US/US]; 1200 Park Avenue, Emeryville, CA 94608 (US).

(72) **ANDERSON, John**; 32 Dutch Valley Lane, San Anselmo, CA 94960 (US). **WOODBURY, Adam**; 127 Stillings Avenue, San Francisco, CA 94131 (US).

(74) **HOLLANDER, Jonathan, M. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G06T 13/00, 15/70

(11) **WO 2004/104935** (13) A1

(21) PCT/US2003/026546

(22) **22 Aug/août 2003 (22.08.2003)**

(25) en (26) en

(30) 10/438,732 **14 May/mai 2003** US (14.05.2003)

(30) 10/438,748 **14 May/mai 2003** US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STATISTICAL DYNAMIC MODELING METHOD AND APPARATUS

- PROCEDE ET APPAREIL DE MODELISATION DYNAMIQUE STATISTIQUE

(71) **PIXAR** [US/US]; 1200 Park Avenue, Emeryville, CA 94608 (US).

(72) **ANDERSON, John**; 32 Dutch Valley Lane, San Anselmo, CA 94960 (US). **WOODBURY, Adam**; 127 Stillings Avenue, San Francisco, CA 94131 (US).

(74) **HOLLANDER, Jonathan, M. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G06T 13/00, 15/00, G06F 17/10, 7/60, G06G 7/48

(11) **WO 2004/104936** (13) A1

(21) PCT/US2004/015118

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/470,590 **14 May/mai 2003** US (14.05.2003)

(30) 60/470,767 **14 May/mai 2003** US (14.05.2003)

(30) 10/844,049 **11 May/mai 2004** US (11.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEFROBULATED ANGLES FOR CHARACTER JOINT REPRESENTATION

- ANGLES "DEFROBULES" POUR LA REPRESENTATION DES ARTICULATIONS DE PERSONNAGES

(71) **PIXAR** [US/US]; 1200 Park Avenue, Emeryville, California 94608 (US).

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(72, 75) **ANDERSON, John** [US/US]; 32 Dutch Valley Lane, San Anselmo, California 94960 (US).

(74) **HOLLANDER, Jonathan, M. et al.** / etc.; Townsend and Townsend and Crew LLP,

Two Embarcadero Center, 8th Floor, 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 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 G06T 15/00

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(21) PCT/US2004/014695

(22) **11 May/mai 2004 (11.05.2004)**

(25) en (26) en

(30) 10/440,013 **16 May/mai 2003** US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANISOTROPIC ANTI-ALIASING

- ANTICRENELAGE ANISOTROPE

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(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNOLD, David, R.** [US/US]; 1228 Isabelle Avenue, Mountain View, CA 94040 (US). **DOWLING, Terence, S.** [US/US]; 5965 Folligno Way, San Jose, CA 95138-2226 (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 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).

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 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)

(1) 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 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 G06T 15/70

(11) WO 2004/104938 (13) A1

(21) PCT/US2003/015988

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(30) 10/434,718 9 May/mai 2003 US (09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CREATING AND EXECUTING ANIMATION BEHAVIOR FOR GUI

• CREATION ET EXECUTION DE COM-
PORTEMENTS D'ANIMATION POUR
DES INTERFACES UTILISATEURS
GRAPHIQUES

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(74) JOY, Mark et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (EP).

(81) AE AG AL 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 15/00, A61B 1/00

(11) WO 2004/104939 (13) A1

(21) PCT/US2004/015105

(22) 14 May/mai 2004 (14.05.2004)

(25) en

(30) 60/470,579

(30) 10/842,972

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR FAST AUTOMATIC CENTERLINE EXTRACTION FOR VIRTUAL ENDOSCOPY

• PROCEDE ET APPAREIL
D'EXTRACTION AUTOMATIQUE
RAPIDE PAR LA LIGNE MEDIANE
D'UNE IMAGE ENDOSCOPIQUE
VIRTUELLE

(71) SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US). INRIA SOPHIA ANTIPOLIS [FR/FR]; 2004, route des Lucioles, BP 93, F-06902 Sophia Anipolis cedex (FR).

(72) GEIGER, Bernhard; 62 Maplewood Avenue, Cranbury, New Jersey 08512 (US). BOISSONNAT, Jean-Daniel; 750 chemin des Plaines, F-06370 Mouans-Sartoux (FR).

(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 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 G07B

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(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/438,231 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF ISSUING TICKETS TO EVENTS

• PROCEDE D'EMISSION DE TICKETS
POUR DES EVENEMENTS

(71) IMAGINE PASS L.L.C. [US/US]; 30673 Pebblestone Court, Beverly Hills, MI 48025 (US).

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(74) MILTON, Harold, W. et al. / etc.; Howard & Howard Attorneys, P.C., 39400 Woodward

(26) en

14 May/mai 2003 US (14.05.2003)

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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 G07C

(11) WO 2004/104941 (13) A2

(21) PCT/US2004/014957

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,037 13 May/mai 2003 US (13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INDUSTRIAL VEHICLE FLEET MANAGEMENT SYSTEM

• SYSTEME DE GESTION D'UNE
FLOTTE DE VEHICULES INDUS-
TRIELS

(71) UNITED STATES POSTAL SERVICE [US/US]; 475 L'Enfant Plaza, SW, Washington, DC 20260-1136 (US).

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(72, 75) DING, Steven [US/US]; 5907 Harvest Sun Road, Woodbridge, VA 22193 (US). MANZ, Damon [—/US]; 7867 Birch Branch Terrace, Alexandria, VA 22315 (US). MAL-LONEE, Donald, L., Jr. [—/US]; 3930 Sunrise Drive, Huntingtown, MD 20639-9052 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, 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 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 G07C 1/10

(11) WO 2004/104942 (13) A2

(21) PCT/NO2004/000138

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 20032109 **12 May/mai 2003** NO
(12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPUTER BASED METHOD AND SYSTEM FOR PRODUCING A DRAFT TIME SHEET FROM A JOURNAL OF EXECUTED TASKS

• PROCEDE ET SYSTEME INFORMATISES PERMETTANT DE PRODUIRE UNE FICHE DE PRESENCES PRELIMINAIRE A PARTIR D'UN JOURNAL DE TACHES EFFECTUEES

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(72, 75) JÖLLE, Lars [NO/NO]; Tonstadbrinken 259, N-7091 Trondheim (NO).

(74) CURO AS; Box 38, N-7231 Lundamo (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 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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(21) PCT/EP2004/004090

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 22 616.8 **20 May/mai 2003** DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE SECURING SYSTEM

• SYSTEME DE SECURITE POUR VEHICULE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUBRIG, Jürgen [DE/DE]; Haldenweg 13, 88212 Ravensburg (DE). OHLE, Jörn-Marten [DE/DE]; Künzenstrasse 6, 71229 Leonberg (DE). REINHARDT, Matthias [DE/DE]; Banater Strasse 48/1, 71067 Sindelfingen (DE).

(74) PFEFFER, Frank 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 PL PT 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 2004/104944 (13) A1

(21) PCT/EP2004/004203

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 22 880.2 **21 May/mai 2003** DE
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE SAFETY SYSTEM AND ASSOCIATED EMERGENCY OPENING METHOD

• SYSTEME DE SECURISATION DE VEHICULE ET PROCEDE D'OUVERTURE D'URGENCE CORRESPONDANT

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

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(72, 75) GEBER, Michael [DE/DE]; Im Kolzenental 24, 72574 Bad Urach (DE). LINDMAYER, Martin [DE/DE]; Dorfriesenweg 5, 72172 Sulz (DE).

(74) PFEFFER, Frank 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D 5/00, G07F 7/02

(11) WO 2004/104945 (13) A1

(21) PCT/JP2004/006836

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-145422 **22 May/mai 2003** JP
(22.05.2003)

(30) 2004-035185 **12 Feb/fév 2004** JP
(12.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COIN METAL-PROCESSING DEVICE AND METHOD OF CONTROLLING THE DEVICE

• DISPOSITIF DE TRAITEMENT DE PIECES METALLIQUES ET SON PROCEDE DE COMMANDE

(71) KABUSHIKI KAISHA NIPPON CONLUX [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

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(74) KIMURA, Takahisa; 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 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 G07D 5/02, 9/06

(11) WO 2004/104946 (13) A1

(21) PCT/DE2004/001052

(22) 14 May/mai 2004 (14.05.2004)

(25) de (26) de

(30) 103 23 101.3 **20 May/mai 2003** DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR DETERMINING AND/OR INSPECTING THE CONTENT OF COIN ROLLS

• PROCEDE DE DETERMINATION ET/OU DE CONTROLE DU CONTENU DE ROULEAUX DE PIECES DE MONNAIE

(71) SCAN COIN INDUSTRIES AB [SE/SE]; Jägershillgatan 26, S-213 75 Malmö (SE).

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(72, 75) ZIMMERMANN, Thomas [DE/DE]; Hüttenweg 28a, 14195 Berlin (DE).

(74) JUNGBLUT, Bernhard et al. / etc.; Albrecht, Lücke & Jungblut, 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 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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(21) PCT/EP2004/005515

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 410.1 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR CHECKING BANKNOTES

• DISPOSITIF DE VERIFICATION DE BILLETS DE BANQUE

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

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(72, 75) WUNDERER, Bernd [DE/DE]; Osterwaldstrasse 103, 80805 München (DE).
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STEIN, Dieter [DE/DE]; Albrecht-Dürer-Ring 70, 83607 Holzkirchen (DE).

(74) KLUNKER.SCHMITT-NIL-SON.HIRSCH; Winzererstrasse 106, 80797 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 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 G07D 7/18

(11) WO 2004/104948 (13) A1

(21) PCT/EP2004/005514

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 409.8 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR CHECKING BANKNOTES

• DISPOSITIF DE VERIFICATION DE BILLETS DE BANQUE

(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) WUNDERER, Bernd [DE/DE]; Osterwaldstrasse 103, 80805 München (DE).

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(74) KLUNKER.SCHMITT-NIL-SON.HIRSCH; Winzererstrasse 106, 80797 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 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 G07D 9/00

(11) WO 2004/104949 (13) A1

(21) PCT/EP2004/050900

(22) 24 May/mai 2004 (24.05.2004)

(25) fr (26) fr

(30) 03101492.1 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REUSABLE PACKAGING FOR TOKENS OR COINS

• EMBALLAGE REUTILISABLE POUR JETONS OU PIECES DE MONNAIE

(71) NHE SPRL [BE/BE]; Rue Henri Wafelaerts 29, B-1060 Bruxelles (BE).

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(72, 75) ERRERA, David [BE/BE]; Rue Henri Wafelaerts 29, B-1060 Bruxelles (BE).

(74) VAN STRAATEN, Joop et al. / etc.; Office Kirkpatrick, Avenue Wolfers 32, B-1310 La Hulpe (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G07F 17/32

(11) WO 2004/104950 (13) A1

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(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/440,930 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GAMING MACHINE MAINTENANCE SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE MAINTENANCE D'UNE MACHINE DE JEU

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

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(72, 75) KIELY, Daryn, George [US/US]; 2460 Citrus Garden Circle, Henderson, NV 89052 (US).
SEVERANCE, David, Alan [US/US]; 7225 South Ullom Drive, Las Vegas, NE 89118 (US).
CASEY, Brian, Joseph [US/US]; 1825 Hunder Creek Road, Reno, NV 89509 (US).
OLLINS, Richard, I. [US/US]; 2931 Bel Air, Las Vegas, NV 89109 (US).
MOSER, Timothy, Wayne [US/US]; 10638 Lunar Crest Avenue, Las Vegas, NV 89129 (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 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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(11) WO 2004/104951 (13) A1

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(25) en (26) en

(30) 2003/4055 26 May/mai 2003 ZA
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TROLLEY TRACKER

• DISPOSITIF DE POURSUITE POUR CHARIOTS

(71) INPERSPECTIVE RESEARCH CONSULTANCY (PROPRIETARY) LIMITED [ZA/ZA]; 45 Thembi Place, Calderwood Road, 2062 Lonchill (ZA).

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(72, 75) WILLIAMSON, Jacqueline, Ingrid [ZA/ZA]; 52 Toscana, 1 Concourse Crescent, 2062 Lonchill (ZA).

(74) DONALD, Heather, June et al. / etc.; Spoor & Fisher, PO Box 41312, 2024 Craighall (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 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 G08B

(11) WO 2004/104952 (13) A2

(21) PCT/US2004/015396

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,162 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ON-PREMISES PAGER AND CHARGING UNIT, AND METHODS FOR USING SAME

• TELEAVERTISSEUR LOCALISE, UNITE DE CHARGEMENT ET PROCEDES D'UTILISATION DUDIT TELEAVERTISSEUR

(71) JTECH COMMUNICATIONS, INC. [US/US]; 6413 Congress Avenue, Boca Raton, FL 33498 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) VASQUEZ, Robert; 8025 SW Yachtman's Drive, Stuart, FL 34997 (US). HOO, Richard, C.; 12646 NW 12 Court, Sunrise, FL 33323 (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 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 G08B 5/36, G09F 13/00

(11) WO 2004/104953 (13) A1

(21) PCT/AU2004/000671

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 2003902439 20 May/mai 2003 AU (20.05.2003)

(30) 2004901738 1 Apr/avr 2004 AU (01.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ELECTRONIC FLARE

• DISPOSITIF DE SIGNALISATION ELECTRONIQUE

(71) LUMITEX PTY LTD [AU/AU]; Peninsula Place, Suite 6, 57 Labouchere Road, South Perth, Western Australia 6151 (AU).
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(72, 75) DELICH, Philip [AU/AU]; 31 Bourke View, Jane Brook, Western Australia 6056 (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 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 G08B 13/02, 25/10, H04M 11/04

(11) WO 2004/104954 (13) A1

(21) PCT/NO2004/000141

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 20032306 21 May/mai 2003 NO (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • A DEVICE FOR A MECHANICAL ACTIVATION OF A TRANSMITTER

• DISPOSITIF SERVANT A ACTIVER MECANIQUEMENT UN EMETTEUR

(71) FRIIS-JACOBSEN, Knut [NO/NO]; Fyrforvalter Knudsensvei 51, N-4817 His (NO).
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(71, 72) AANONSEN, Walter [NO/NO]; Sogneprest Heffernmehlsvei 26, N-4817 His (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (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 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 G08B 13/196, H04N 5/225

(11) WO 2004/104955 (13) A1

(21) PCT/US2004/015110

(22) 13 May/mai 2004 (13.05.2004)

(25) en

(26) en

(30) 60/470,676 15 May/mai 2003 US (15.05.2003)

(30) 10/844,206 12 May/mai 2004 US (12.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SURVEILLANCE DEVICE

• DISPOSITIF DE SURVEILLANCE

(71, 72) NAM, Ki, Y. [US/US]; 78 Linda Isle Drive, Newport Beach, CA 92660 (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 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 G08B 13/24

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(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 900/03 20 May/mai 2003 CH (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • LABEL MADE OF POLYESTER FIBERS, AND INSTALLATION FOR THE PRODUCTION THEREOF

• ETIQUETTE EN FILS DE POLYESTER ET INSTALLATION DESTINE A SA PRODUCTION

(71) TEXTILMA AG [CH/CH]; Seestrasse 97, CH-6052 Hergiswil (CH).
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(74) SCHMAUDER & PARTNER AG; Zwängiweg 7, CH-8038 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 G08B 13/24

(11) WO 2004/104957 (13) A1

(21) PCT/US2004/015819

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/471,885 19 May/mai 2003 US
(19.05.2003)

(30) 10/847,129 17 May/mai 2004 US
(17.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARTICLE IDENTIFICATION AND
TRACKING USING ELECTRONIC
SHADOWS CREATED BY RFID TAGS

• IDENTIFICATION ET SUIVI
D'ARTICLES A L'AIDE D'OMBRES
ELECTRONIQUES CREEES PAR DES
ETIQUETTES RFID

(71) CHECKPOINT SYSTEMS, INC.
[US/US]; 101 Wolf Drive, Thorofare, New
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[US/US]; 5 Pluto Drive, Sewell, New Jer-
sey 08080 (US). RICHIE, JR., William S.
[US/US]; 108 Lafayette Road, Pennsville,
New Jersey 08070 (US).

(74) CORNELISON, Michael; CAESAR,
RIVISE, BERNSTEIN, COHEN &
POKOTILOW, 12th Floor, Seven Penn
Center, 1635 Market Street, Philadelphia, PA
19103-2212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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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(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,848 19 May/mai 2003 US
(19.05.2003)

(30) 10/848,339 18 May/mai 2004 US
(18.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EAS/RFID IDENTIFICATION HARD
TAGS

• ETIQUETTES DURES
D'IDENTIFICATION EAS/RFID

(71) CHECKPOINT SYSTEMS, INC.
[US/US]; 101 Wolf Drive, Thorofare, New
Jersey 08086 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PICCOLI, Anthony F. [US/US]; 548
Dewey Parker Avenue, Audubon, NJ 08106
(US). MAZOKI, Gary T. [US/US]; 5 Pluto
Drive, Sewell, NJ 08080 (US).

(74) SLOWOWITZ, Scott M.; Caesar, Rivise,
Bernstein, Cohen & Pokotilow, 12th Floor,
Seven Penn Center, 1635 Market Street,
Philadelphia, PA 19103-2212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G08B 17/00

(11) WO 2004/104959 (13) A2

(21) PCT/GB2004/002213

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 0311966.6 23 May/mai 2003 GB
(23.05.2003)

(30) 0318006.4 31 Jul/juillet 2003 GB
(31.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SMOKE DETECTOR

• DETECTEUR DE FUMEE

(71) APOLLO FIRE DETECTORS LIM-
ITED [GB/GB]; 36 Brookside Road, Havant,
Hampshire PO9 1JR (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BARRETT, Roger [GB/GB]; Apollo
Fire Detectors Limited, 36 Brookside Road,
Havant, Hampshire PO9 1JR (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 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 G08B 21/02, A61M 21/02

(11) WO 2004/104960 (13) A1

(21) PCT/IB2004/050685

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101444.2 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MONITORING SYSTEM CAPABLE OF
GENERATING AUDIBLE MESSAGES

• SYSTEME DE SURVEILLANCE POU-
VANT GENERER DES MESSAGES AU-
DIBLES

(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 WOUDENBERG, Roel [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (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 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).

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 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 G08B 23/00, G01S 3/02, G04F 8/00, G06F
17/60

(11) WO 2004/104961 (13) A1

(21) PCT/US2004/015380

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,731 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPORTING EVENT MANAGEMENT UTILIZING A RADIO FREQUENCY (RFID) DEVICE

• GESTION D'EVENEMENT SPORTIF UTILISANT UN DISPOSITIF D'IDENTIFICATION PAR RADIOFREQUENCE

(71) MERCURY SPORTS GROUP, INC. [US/US]; 1418 W. Queenscourt Road, Peoria, Illinois 61614 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOCKWOOD, Philip [US/US]; 219 West Birchwood, Morton, IL 61554 (US). RIEBLING, Jerry [US/US]; 1418 W. Queenscourt Road, Peoria, IL 61614 (US). PAUL, David [US/US]; 808 West Hampshire Road, Peoria, IL 61614 (US). KLEIMENGEN, Karl [US/US]; 4010 North Hollyridge Circle, Peoria, IL 61614 (US).

(74) CHAMBERS, David A. et al. / etc.; Husch & Eppenberger, LLC, 190 Carondelet Plaza, St. Louis, Missouri 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 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).

Published / Publiée : (c)

(51)⁷ G08B 25/01, 21/02

(11) WO 2004/104962 (13) A1

(21) PCT/IE2004/000077

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) S2003/0397 26 May/mai 2003 IE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PORTABLE COMMUNICATIONS DEVICE

• DISPOSITIF DE COMMUNICATION PORTABLE

(71) SECURECOM TECHNOLOGIES LIMITED [IE/IE]; Enterprise House, Kerry Technology Park, Tralee, County Kerry (IE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARTIGAN, Patrick, Francis [IE/IE]; Doonagore, Doolin, County Clare (IE). O'CONNOR, Michael, Joseph [IE/IE]; Laddyhill, Shanacashel, Glencar, County Kerry (IE). BROSNAN, George, Michael [IE/IE]; "Slumber Haven", Ballyard, Tralee, County Kerry (IE). SWIECHOWICZ, Jaroslaw, Irenesz [PL/IE]; 22 Old Golf Links Road, Oakpark, Tralee, County Kerry (IE).

(74) F.F. GORMAN & CO.; 15 Clanwilliam Square, Dublin 2 (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 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).

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 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 G08C 17/02

(11) WO 2004/104963 (13) A1

(21) PCT/IT2004/000283

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) BS 2003 A 000048 20 May/mai 2003 IT (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FIXED AND VARIABLE CODE RADIO SYSTEM

• SYSTEME RADIO COMPORTANT DES CODES FIXES ET VARIABLES

(71) RIB S.R.L. [IT/IT]; Via Matteotti 162, I-25014 Castenedolo (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSIO, Stefano [IT/IT]; Via Matteotti 162, I-25014 Castenedolo (IT).

(74) SANGIACOMO, Fulvia; Biesse S.R.L., C.so Matteotti, 42, I-25122 Brescia (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G08C 17/02, A61B 5/00

(11) WO 2004/104964 (13) A1

(21) PCT/JP2004/006718

(22) 12 May/mai 2004 (12.05.2004)

(25) ja (26) ja

(30) 2003-136159 14 May/mai 2003 JP (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR TRANSMITTING DATA VIA THE INTERNET

• DISPOSITIF DE TRANSMISSION DE DONNEES VIA INTERNET

(71) JMS CO., LTD. [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima, 7308652 (JP). SOHO CORPORATION, LTD.

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) NAKAMOTO, Hidetomo

(72, 75) YOSHIMOTO, Mitsuo KASHIHARA, Tomio RYUZAKI, Munekazu SONE, Masayoshi NISHIDA, Eiichi

(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 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).

Published / Publiée : (c)

(51)⁷ G08C 17/02, A61B 5/00

(11) WO 2004/104965 (13) A1

(21) PCT/JP2004/007218

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-143787 21 May/mai 2003 JP (21.05.2003)

(30) 2004-054657 27 Feb/fév 2004 JP (27.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DATA COLLECTION SYSTEM AND DATA COLLECTION METHOD

• SYSTEME DE COLLECTE DE DONNEES ET PROCEDE DE COLLECTE DE DONNEES

(71) JMS CO., LTD. [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 7308652 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) NAKAMOTO, Hidetomo

(72, 75) YOSHIMOTO, Mitsuo HATTA, Masato RYUZAKI, Munekazu SONE, Masayoshi NISHIDA, Eiichi

(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 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).

Published / Publiée : (c)

(51)⁷ G08C 19/28

(11) WO 2004/104966 (13) A2

(21) PCT/US2004/015886

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,049 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR TRAINING A TRANSMITTER TO CONTROL A REMOTE CONTROL SYSTEM

• SYSTEME ET PROCEDE POUR ENTRAÎNER UN ÉMETTEUR À COMMANDE À DISTANCE

(71) JONHSON 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) GEERLINGS, Steven, L. [US/US]; 1561 Perry Street, Holland, MI 49464 (US). VREDEVOODG, Loren, D. [US/US]; 869 Maywood Avenue, Holland, MI 49424 (US). BLAKER, David, A. [US/US]; 557 Bay Avenue, Holland, MI 49423 (US). SPENCER, John, D. [US/US]; 7871 Pierce Street, Allen-dale, MI 49401 (US).

(74) TIBBETTS, Jean, M.; Foley & Larnder LLP, 777 East Wisconsin Avenue, Milwaukee, WI 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 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).

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 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)

(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 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 G08G 1/07

(11) WO 2004/104967 (13) A1

(21) PCT/KR2004/001098

(22) 12 May/mai 2004 (12.05.2004)

(25) ko (26) en

(30) 10-2003-0029876 12 May/mai 2003 KR (12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR COLLECTING TRAFFIC INFORMATION USING ULTRA WIDEBAND IMPULSE, AND SYSTEM AND METHOD FOR CONTROLLING TRAFFIC SIGN USING THE SAME

• APPAREIL ET PROCEDE DE COLLECTE D'INFORMATIONS DE CIRCULATION UTILISANT UNE IMPULSION DE BANDE ULTRALARGE, SYSTEME ET PROCEDE DE COMMANDE DE PANNEAUX DE SIGNALISATION METTANT EN ŒUVRE LESDITS APPAREIL ET PROCEDE

(71, 72) HWANG, In-Kwan [KR/KR]; #107-1304 Chonggu Narae Apt., Jeon-min-dong, Yuseong-gu, Daejeon 305-729 (KR).

(74) SHINSUNG PATENT FIRM; Haecheon Bldg., 741-40 Yeoksam 1-dong, Kangnam-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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ G08G 1/127

(11) WO 2004/104968 (13) A1

(21) PCT/US2004/015364

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,021 15 May/mai 2003 US (15.05.2003)

(30) 60/490,199 25 Jul/juil 2003 US (25.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR EVALUATING VEHICLE AND OPERATOR PERFORMANCE

• SYSTEME ET PROCEDE D'EVALUATION DES PERFORMANCES D'UN VEHICULE ET D'UN CONDUCTEUR

(71) LANDSONAR, INC. [US/US]; 542 Alvarado Street, San Francisco, CA 94114 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUBBARD, Jonathan [US/US]; c/o LandSonar, Inc., 542 Alvarado Street, San Francisco, CA 94114 (US). KANTARJIEV, Christopher [US/US]; c/o LandSonar, Inc., 542 Alvarado Street, San Francisco, CA 94114 (US). REID, Robert [US/US]; c/o LandSonar, Inc., 542 Alvarado Street, San Francisco, CA 94114 (US). TASH, Jonathan [US/US]; c/o LandSonar, Inc., 542 Alvarado Street, San Francisco, CA 94114 (US).

(74) YEE, Susan et al. / etc.; Carr & Ferrell LLP, 2200 Geng Road, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ G09B 9/06, G06F 15/00

(11) WO 2004/104969 (13) A1

(21) PCT/NO2004/000111

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 20032347 26 May/mai 2003 NO (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND A SIMULATOR DEVICE FOR TRAINING A PILOT OF A VESSEL

• PROCEDE ET SIMULATEUR DESTINES À L'ENTRAÎNEMENT DU PILOTE D'UN NAVIRE

(71) TEEKAY NORWAY AS [NO/NO]; P.O. Box 8035, N-4068 STAVANGER (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALMÅS, Geir, Arne** [NO/NO]; Håve-gen 1, N-4355 Kvernaland (NO). **HELGØY, Kjell, Egil** [NO/NO]; N-4158 BRU (NO).

(74) **HÅMSØ PATENTBYRÅ ANS**; P.O. Box 171, N-4302 Sandnes (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 **G09F**

(11) **WO 2004/104970** (13) **A2**

(21) PCT/US2004/015551

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 60/471,874 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR IDENTIFYING AND LABELING LIVESTOCK PRODUCTS, AND MANAGING DATA ASSOCIATED WITH THOSE PRODUCTS

• SYSTEMES ET PROCEDE D'IDENTIFICATION ET D'ETIQUETAGE DU BETAİL ET DONNEES DE GESTION ASSOCIEES A CES ANIMAUX

(71) **SCHERING-PLOUGH LTD.** [CH/CH]; Weystrasse 20, P.O. Box 06000, CH-206000 Lucerne 6 (CH).

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(72, 75) **POLISKA, Steven, A.** [US/US]; 42 Circle Drive, Rockaway, NJ 07866 (US). **BARUS, Daniel, V.** [US/US]; 1 Hanover Court, Jacobstown, NJ 08562 (US). **SIBBEL, Richard, L.** [US/US]; 1401 NW Campus Drive, Ankeny, IA 50021 (US).

(74) **DAVIS, Michael, D.**; 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 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 **G09F 9/33**

(11) **WO 2004/104971** (13) **A1**

(21) PCT/EP2004/005280

(22) **17 May/mai 2004 (17.05.2004)**

(25) de (26) de

(30) 103 23 779.8 **23 May/mai 2003 DE (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MINE LIGHTING DEVICE

• DISPOSITIF D'ÉCLAIRAGE POUR EXPLOITATION MINIÈRE

(71) **DBT AUTOMATION GMBH** [DE/DE]; Industriestrasse 1, 44534 Lünen (DE).

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(72, 75) **MUNDRY, Sebastian, M.** [DE/DE]; Königsberger Strasse 33, 59348 Lüdinghausen (DE). **LEVEQUE-EMDEN, Frank** [DE/DE]; Ostpreussenweg 20, 58239 Schwerte (DE). **TITSCHERT, Jens** [DE/DE]; Saarbrücker Str. 42, 44532 Lünen (DE). **TSCHÖPE, Jürgen** [DE/DE]; Lindenstrasse 7, 59379 Selm (DE).

(74) **ALTHAUS, Arndt**; 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 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 **G09F 9/37, G02B 26/02**

(11) **WO 2004/104972** (13) **A1**

(21) PCT/IB2004/050699

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 03101483.0 **22 May/mai 2003 EP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMIC FOIL DISPLAY HAVING LOW RESISTIVITY ELECTRODES

• AFFICHEUR DYNAMIQUE EN FEUILLE COMPORTANT DES ÉLECTRODES A FAIBLE RESISTIVITE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **BONGAERTS, Petrus, F., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BEL, Matheus, G., J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DUINE, Peter, A.** [NL/NL]; c/o

Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DEN BIGGELAAR, Johannes, G., A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARRA, Johannes** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CREEMERS, Tijsbert, M., H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SCHUURBIERS, Roland, M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ROLFES, Johannes, G., A.**; 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 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).

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 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 **G09F 19/22, G03B 25/00**

(11) **WO 2004/104973** (13) **A1**

(21) PCT/CN2004/000304

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) zh (26) zh

(30) 03136942.1 **23 May/mai 2003 CN (23.05.2003)**

(30) 200410029629.5 **29 Mar/mar 2004 CN (29.03.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A DESIGN METHOD OF A MOTION PICTURE SYSTEM FOR VIEWING FROM A TRAIN TRAVELLING IN TUNNEL

• PROCEDE DE CONCEPTION D'UN SYSTEME D'IMAGE EN MOUVEMENT PERMETTANT LE VISIONNEMENT A PARTIR D'UN TRAIN DANS UN TUNNEL

(71, 72) **ZHU, Xiao** [CN/CN]; Shouti South Road, N0. 20, Room 407, Building 4, Haidian District, Beijing 100044 (CN).

(74) **CHINA TRADEMARK & PATENT LAW OFFICE CO. LTD**; Yuexin Bld., 14, Yuetan Nanjie, Xichengqu, Beijing 100045 (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 G09G 3/00, 3/32

(11) WO 2004/104974 (13) A1

(21) PCT/US2004/015525

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,387 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR TESTING DISPLAYS

• SYSTEME ET PROCEDE PERMETTANT DE TESTER DES ECRANS

(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).

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(72, 75) HUELSON, Phillip, Wayne [US/US]; 15 Ellenwood Avenue, Los Gatos, California 95030 (US). HEUGHEBAERT, Laurent [FR/US]; 357 Matilda Drive #8, Goleta, California 93117 (US).

(74) CAPRIA, Mary, Ann; 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 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 G09G 3/30, 3/20

(11) WO 2004/104975 (13) A1

(21) PCT/JP2004/007304

(22) 21 May/mai 2004 (21.05.2004)

(25) ja

(26) ja

(30) 2003-146758 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PIXEL CIRCUIT, DISPLAY UNIT, AND PIXEL CIRCUIT DRIVE METHOD

• CIRCUIT DE PIXELS, UNITE D'AFFICHAGE ET PROCEDE D'ACTIVATION D'UN CIRCUIT DE PIXELS

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome,, Shinagawa-ku,, Tokyo 1410001 (JP).

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(72, 75) UCHINO, Katsuhide [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,, Shinagawa-ku,, Tokyo 1410001 (JP). YAMASHITA, Junichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,, Shinagawa-ku,, Tokyo 1410001 (JP). YAMAMOTO, Tetsuro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome,, Shinagawa-ku,, Tokyo 1410001 (JP).

(74) SATOH, Takahisa; Sohshin International Patent Office, 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo, 1110052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 G09G 3/34, G02F 1/13357, 1/133

(11) WO 2004/104976 (13) A1

(21) PCT/EP2004/005429

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 23 221.4 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARRANGEMENT COMPRISING A PANEL PERTAINING TO A FLAT SCREEN

• DISPOSITIF COMPORTANT UN PANNEAU D'UN ECRAN PLAT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) ECKHARDT, Wolfgang [DE/DE]; Am Kirchberg 71, 76229 Karlsruhe (DE). KÄRCHER, Andreas [DE/DE]; Jöhlingerstr. 64, 76356 Weingarten (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 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 G09G 3/34

(11) WO 2004/104977 (13) A1

(21) PCT/IB2004/001700

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/473,208 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN IMPROVED DRIVING SCHEME FOR AN ELECTROPHORETIC DISPLAY

• SYSTEME D'EXCITATION PERFECTIONNEE POUR AFFICHEUR ELECTROPHORETIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) ZHOU, Guofu [NL/NL]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). JOHNSON, Mark T. [NL/NL]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Frank Keegan, P.O.Box 3001, Briarcliff Manor, New York 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 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).

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 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)

(i) for all designations / pour toutes les désignations

(51)⁷ G09G 3/34

(11) WO 2004/104978 (13) A1

(21) PCT/IB2004/050692

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101478.0 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROPHORETIC DISPLAY DEVICE AND DRIVING METHOD

• DISPOSITIF D'AFFICHAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) ZHOU, Guofu [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, Mark,T. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AILENEI, Neculai [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; 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 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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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 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 G09G 3/34

(11) WO 2004/104979 (13) A2

(21) PCT/US2004/013512

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en

(30) 60/505,340 16 May/mai 2003 US (16.05.2003)

(30) 10/837,239 30 Apr/avr 2004 US (30.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED PASSIVE MATRIX ELECTROPHORETIC DISPLAY DRIVING SCHEME

• SYSTEME DE COMMANDE D'AFFICHAGE ELECTROPHORETIQUE A MATRICE PASSIVE AME-LIORE

(71) SIPIX IMAGING, INC. [US/US]; 1075 Montague Expressway, Milpitas, CA 95035 (US).

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(72) CHUNG, Jerry; 100 Montelena Court, Mountain View, CA 94040 (US). WANG, Wanheng; 1362 Kingfisher Way #15, Sunnyvale, CA 94087 (US). HOU, Jack; 1108 Sunrise Drive, Fremont, CA 94539 (US). LIANG, Rong-Chang; 20142 Pacifica Dr., Cupertino, CA 95014 (US).

(74) KUNG, Viola, T.; Howrey Simon Arnold & White LLP, 2941 Fairview Park Drive, Box 7, Falls Church, VA 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G09G 3/36

(11) WO 2004/104980 (13) A2

(21) PCT/FR2004/001187

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03/05934 16 May/mai 2003 FR (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADVANCED METHOD AND DEVICE WITH A BISTABLE NEMATIC LIQUID CRYSTAL DISPLAY

• PROCEDE ET DISPOSITIF PERFECTIONNES D'AFFICHAGE A CRISTAL LIQUIDE NEMATIQUE BISTABLE

(71) NEMOPTIC [FR/FR]; Parc du Mérantais, 1, rue Guynemer, F-78114 Magny-les-Hameaux (FR).

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(72, 75) MARTINOT-LAGARDE, Philippe [FR/FR]; 29ter, avenue Massena Deroche, F-91190 Gif Sur Yvette (FR). ANGELE, Jacques [FR/FR]; 67, rue Louis Girard,

F-92240 Malakoff (FR). JOLY, Stéphane [FR/FR]; 1, rue Ernest Lavissee Villaro, F-78280 Guyancourt (FR). LAFFITTE, Jean-Denis [FR/FR]; 5, rue Camille Claudel, F-91600 Savigny-sur-Orge (FR). LEBLANC, François [FR/FR]; 35, rue Mathurin Régnier, F-75015 Paris (FR). BODY, Christophe [—/FR]; Résidence du Château de Courcelle, 160, avenue du Général Leclerc, F-91190 Gif sur Yvette (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 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 G09G 3/36

(11) WO 2004/104981 (13) A1

(21) PCT/KR2004/001043

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10-2003-0028650 6 May/mai 2003 KR (06.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE

(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) JEON, Jin [KR/KR]; 202-602 Ssangyong Apt., Galsan-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-702 (KR). KIM, Hyung-Guel [KR/KR]; 505-206 Samsung 5cha Apt., #1161 Bojeong-ri, Guseong-myeon, Yongin-si, Gyeonggi-do 449-913 (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 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 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 **G09G 5/00**

(11) **WO 2004/104982** (13) A1

(21) PCT/US2004/015108

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,601 **14 May/mai 2003** US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERSISTENT PORTAL

• PORTE D'ACCES COHERENTE

(63) US 60/470,601 (CON)
14 May/mai 2003 (14.05.2003)

(71) **COLLABORATIVE SCIENCES AND TECHNOLOGY, INC.** [US/US]; P.O. Box 26416, Eugene, OR 97402 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SHERIDAN, Timothy, M.** [US/US]; 4210 Cherry Lane, Medford, OR 97504 (US).

(74) **SHERIDAN, Timothy, M.**; P.O. Box 26416, Eugene, OR 97402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G10H 1/20**

(11) **WO 2004/104983** (13) A1

(21) PCT/SG2004/000136

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 10/442,708 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM TO ENABLE THE USE OF WHITE KEYS OF MUSICAL KEYBOARDS FOR SCALES

• SYSTEME PERMETTANT L'UTILISATION DES TOUCHES BLANCHES DE CLAVIERS D'INSTRUMENTS DE MUSIQUE POUR DES GAMMES SELECTIONNEES

(71) **CREATIVE TECHNOLOGY LTD** [SG/SG]; 31 International Business Park Creative Resource, Singapore 609921 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIM, Wong, Hoo** [SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG). **LIM, Kok, Liang** [AU/SG]; 31 Dairy Farm Road #01-02, Singapore 679050 (SG). **SEOW, Phoei, Min, Paul** [SG/SG]; 47 Burgundy Drive, Singapore 658841 (SG).

(74) **ALBAN TAY MAHTANI & DE SILVA**; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G10H 1/20, 1/44**

(11) **WO 2004/104984** (13) A1

(21) PCT/SG2004/000140

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10/443,272 **21 May/mai 2003** US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MUSICAL KEYBOARD PITCH FUNCTIONS

• FONCTION DE MODIFICATION DES HAUTEURS TONALES D'UN CLAVIER MUSICAL

(71) **CREATIVE TECHNOLOGY LTD** [SG/SG]; 31 International Business Park Creative Resource, Singapore 609921 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIM, Wong, Hoo** [SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG). **LIM, Kok, Liang** [AU/SG]; 31 Dairy Farm Road #01-02, Singapore 679050 (SG). **SEOW, Phoei, Min, Paul** [SG/SG]; 47 Burgundy Drive, Singapore 658841 (SG).

(74) **ALBAN TAY MAHTANI & DE SILVA**; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G10H 1/34**

(11) **WO 2004/104985** (13) A1

(21) PCT/SG2004/000137

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 10/442,758 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FUNCTIONAL PERFORMANCE OF KEYBOARD MUSICAL INSTRUMENTS

• PERFORMANCE D'INSTRUMENTS DE MUSIQUE A CLAVIER

(71) **CREATIVE TECHNOLOGY LTD** [SG/SG]; 31 International Business Park Creative Resource, Singapore 609921 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIM, Wong, Hoo** [SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG). **LIM, Kok, Liang** [AU/SG]; 31 Dairy Farm Road #01-02, Singapore 679050 (SG). **SEOW, Phoei, Min, Paul** [SG/SG]; 47 Burgundy Drive, Singapore 658841 (SG).

(74) **ALBAN TAY MAHTANI & DE SILVA**; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G10L 13/00**

(11) **WO 2004/104986** (13) A1

(21) PCT/JP2004/006065

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) ja (26) ja

(30) 2003-143043 **21 May/mai 2003** JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VOICE OUTPUT DEVICE AND VOICE OUTPUT METHOD

• DISPOSITIF DE SORTIE VOCALE ET PROCEDE DE SORTIE VOCALE

(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) NISHIZAKI, Makoto KONUMA, Tomohiro ENDO, Mitsuru

(74) NII, Hiromori; c/o NII Patent Firm, Shin-Osaka SuchiroCenter Bldg., 3rd Floor, 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (b)

(51)⁷ G10L 13/00, 19/00, H03M 3/02, H04R 3/04

(11) WO 2004/104987 (13) A1

(21) PCT/JP2004/006854

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-141783 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR EXTENDING THE AUDIO SIGNAL BAND
• PROCEDE ET DISPOSITIF PERMETTANT D'ELARGIR LA PLAGE DE FREQUENCES D'UN SIGNAL AUDIO

(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) IWATA, Kazuya

(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 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 G10L 13/08

(11) WO 2004/104988 (13) A1

(21) PCT/JP2003/014770

(22) 20 Nov/nov 2003 (20.11.2003)

(25) en

(30) 0311467.5 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LEXICAL STRESS PREDICTION
• PREDICTION D'ACCENT LEXICAL

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(72) WEBSTER, Gabriel; c/o Toshiba Research Europe Limited, Cambridge Research Laboratory, 260, Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WE (GB).

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP

(51)⁷ G10R

(11) WO 2004/104989 (13) A2

(21) PCT/US2004/013218

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/471,231 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NMR MEASURING SYSTEM
• SYSTEME DE MESURE PAR RMN

(71) THE BOC GROUP, INC. [US/US]; 575 Mountain Avenue, Building 4 South, Murray Hill, New Jersey 07974 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CORVER, Jozef A. W. M. [NL/NL]; Weverstraat 4, NL-5671 BC Nuenen (NL). HENDRICKX, Paulus C. J. M. [NL/NL]; Cor van der Bokstraat 22, NL-5111 VC Baarle-Nassau (NL). STEWART, Paul [US/US]; 651 Lake Road, Youngstown, NY 14174-1038 (US). VAN DEN ELSHOUT, Ad [NL/NL]; Lage Ham 124, NL-5102 AE Dongen (NL). MCKENDRY, James M. [GB/GB]; Sunset View, the Ridings, Headington Oxfordshire OX3 8TB (GB). BUCKINGHAM, Malcolm [GB/GB]; 21 Bury Mead, Stanton Harcourt, Witney Oxfordshire OX29 5SD (GB). CRAIGIE, Graham [GB/GB]; 5 The Avenue, Wheatley Oxfordshire OX33 1YL (GB).

(74) ZEBRAK, Ira L. et al. / etc.; The BOC Group, Inc., 575 Mountain Avenue., Building 4 South, Murray Hill, NJ 07974 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

(26) en

(51)⁷ G11B

(11) WO 2004/104990 (13) A1

(21) PCT/IL2004/000369

(22) 2 May/mai 2004 (02.05.2004)

(25) en (26) en

(30) 60/473,560 25 May/mai 2003 US (25.05.2003)

(30) 10/627,694 28 Jul/juil 2003 US (28.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NON-VOLATILE STORAGE DEVICE WITH CONTACTLESS INTERFACE
• DISPOSITIF DE STOCKAGE NON VOLATIL DOTE D'UNE INTERFACE SANS CONTACT

(71) M-SYSTEMS FLASH DISK PIONEERS LTD. [IL/IL]; Central Park 2000, 7 Atir Yeda St., 44425 Kfar Saba (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEICHER, Mordechai [IL/IL]; 6 Motta Gur St., 45314 Hod-Hasharon (IL).

(74) FRIEDMAN, Mark M.; 7 Haomanim St., 7 Haomanim Street, 67897 Tel Aviv (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 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 G11B

(11) WO 2004/104991 (13) A2

(21) PCT/IL2004/000425

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/473,573 25 May/mai 2003 US (25.05.2003)

(30) 10/704,611 12 Nov/nov 2003 US (12.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR MAINTAINING BACKUP OF PORTABLE STORAGE DEVICES
• PROCEDE ET SYSTEME SERVANT A MAINTENIR LA SAUVEGARDE DE DISPOSITIFS PORTABLES COMPORTANT UNE MEMOIRE

(71) M-SYSTEMS FLASH DISK PIONEERS LTD. [IL/IL]; Central Park 2000, 7 Atir Yeda St., 44425 Kfar Saba (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEICHER, Mordechai [IL/IL]; Motta Gur 6, 45314 Hod Hasharon (IL).

SEGALOV, Tal [IL/IL]; Borochoy 22, 63263 Tel Aviv (IL).

(74) FRIEDMAN, Mark, M.; 7 Haomanim Street, 67897 Tel Aviv (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 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 G11B

(11) WO 2004/104992 (13) A2

(21) PCT/US2003/041484

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 10/431,813 7 May/mai 2003 US (07.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USER-DEFINED CATEGORIZED DISPLAY OF PROGRAMS STORED TO VIDEO RECORDING SYSTEM

• AFFICHAGE DE CATEGORIES DE PROGRAMMES STOCKES DANS UN SYSTEME D'ENREGISTREMENT VIDEO DEFINIES PAR UN UTILISATEUR

(71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. Le Gallo, 92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Carolyn, Rae [US/US]; 10736 Cornerstone Court, Indianapolis, IN 46280 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Licensing Inc., 2 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/104993 (13) A2

(21) PCT/US2004/013907

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/442,339 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR ADJUSTMENT OF COMPONENTS IN A HEAD STACK ASSEMBLY

• PROCEDE ET SYSTEME DE REGLAGE DES COMPOSANTS D'UN ENSEMBLE TETE MULTIPISTE

(71) APPLIED KINETICS, INC. [US/US]; 1125 Highway 7 West, Hutchinson, MN 55350 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JURGENSON, Ryan, A. [US/US]; 1268 Birdie Circle, Hutchinson, MN 55350 (US).

(74) HAKAMAKI, Michael, A. et al. / etc.; Kagan Binder, PLLC, 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G11B

(11) WO 2004/104994 (13) A2

(21) PCT/US2004/013924

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/470,312 14 May/mai 2003 US (14.05.2003)

(30) 10/836,687 29 Apr/avr 2004 US (29.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DIGITAL ANIMATION DISK

• DISQUE D'ANIMATION NUMERIQUE

(71) DISNEY ENTERPRISES, INC. [US/US]; 500 South Buena Vista Street, Burbank, California 91521 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNIGHT, Kenneth, Kingston [US/US]; 433 N. Niagara Street, Burbank, California 91505 (US).

(74) MADDUX, Margo et al. / etc.; GREENBERG TRAUIG LLP, 2450 Colorado Avenue, Suite 400E, Santa Monica, California 90404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G11B

(11) WO 2004/104995 (13) A2

(21) PCT/US2004/015290

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/441,368 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEQUENCING INPUT CONTROL STICK

• MANCHE DE COMMANDE D'ENTREE DE SEQUENCE

(71) ELECTRONIC ARTS INC. [US/US]; 209 Redwood Shores Parkway, Redwood City, CA 94065-1175 (US).

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(72, 75) BOLLO, David [CA/CA]; #64-11491 7th Avenue, Richmond, British Columbia V7E 4J5 (CA). BATTY, Todd [CA/CA]; #203-1850 Lorne Street, Vancouver, British Columbia V5T 1C9 (CA). O'BRIEN, Sean [CA/CA]; #7-2515 Vine Street, Vancouver, British Columbia V6K 3K9 (CA).

(74) LEMOND, Kevin, T. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G11B 7/00, 7/007, 7/24

(11) WO 2004/104996 (13) A1

(21) PCT/IB2004/050673

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101435.0 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL DISC

• 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) **BRONDIJK, Robert, A.** [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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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 **G11B 7/004**

(11) **WO 2004/104997** (13) A1

(21) PCT/KR2004/001206

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10-2003-0032093 **20 May/mai 2003 KR (20.05.2003)**

(30) 10-2003-0046127 **8 Jul/juil 2003 KR (08.07.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF ERROR CORRECTION CODING, AND APPARATUS FOR AND METHOD OF RECORDING DATA USING THE CODING METHOD

• PROCEDE DE CODAGE DE CORRECTION D'ERREURS, APPAREIL ET PROCEDE D'ENREGISTREMENT DE DONNEES AU MOYEN DUDIT PROCEDE DE CODAGE

(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) **KIM, Ki-Hyun**; 103-1103 Mujigae Maeul Daerim Apt., 211, Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-703 (KR). **LEE, Yoon-Woo**; 725-503 Hyundai Apt., 989-2, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-813 (KR).

HWANG, Sung-Hee; 420-403 Jugong Apt., 189 Gaepo-dong, Gangnam-gu, Seoul 135-800 (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 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 **G11B 7/007**

(11) **WO 2004/104998** (13) A1

(21) PCT/KR2004/001196

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10-2003-0031912 **20 May/mai 2003 KR (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECORDING MEDIUM AND APPARATUS/METHOD FOR FORMING, RECORDING AND REPRODUCING THE RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT ET APPAREIL/PROCEDE DE MISE EN FORME, D'ENREGISTREMENT ET DE REPRODUCTION DE CE SUPPORT D'ENREGISTREMENT

(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) **KIM, Jin Yong** [KR/KR]; 109-602, Seonkyung Apt., Yatap-dong, Bundang-gu, Seongnam, Kyunggi-do 463-928 (KR). **PARK, Jung Bae** [KR/KR]; 101, Hangaram Apt., 1586-6, Gwanyang-dong, Dongan-gu, Anyang-si, Kyonggi-do 431-060 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G11B 7/007**

(11) **WO 2004/104999** (13) A1

(21) PCT/KR2004/001199

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10-2003-0031912 **20 May/mai 2003 KR (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECORDING MEDIUM WITH COPY PROTECTION INFORMATION AND APPARATUS/METHOD FOR FORMING, RECORDING, REPRODUCING, AND RESTRICTING REPRODUCTION OF THE RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT AVEC INFORMATIONS ANTICOPIE ET DISPOSITIF/PROCEDE DE FORMATION, ENREGISTREMENT, REPRODUCTION ET RESTRICTION DE REPRODUCTION DE SUPPORT D'ENREGISTREMENT

(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) **KIM, Jin Yong** [KR/KR]; 109-602, Seonkyung Apt., Yatap-dong, Bundang-gu, Seongnam, Kyunggi-do 463-928 (KR). **PARK, Jung Bae** [KR/KR]; 101, Hangaram Apt., 1586-6, Gwanyang-dong, Dongan-gu, Anyang-si, Kyonggi-do 431-060 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G11B 7/007**

(11) **WO 2004/105000** (13) A1

(21) PCT/KR2004/001205

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 10-2003-0032092 **20 May/mai 2003 KR (20.05.2003)**

(30) 60/485,157 **8 Jul/juil 2003 US (08.07.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION STORAGE MEDIUM AND METHOD AND APPARATUS OF RECORDING AND/OR REPRODUCING DATA ON AND/OR FROM THE SAME

- SUPPORT DE MISE EN MEMOIRE DE L'INFORMATION ET PROCEDE ET APPAREIL D'ENREGISTREMENT ET/OU DE REPRODUCTION DE DONNEES SUR ET/OU A PARTIR DUDIT SUPPORT

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

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(72) **LEE, Kyung-Geun**; 229-1006 Sibeom-danji Woosung Apt., 16, Seohyun 1-dong, Bundang-gu Seongnam-si, Gyeonggi-do 463-773 (KR). **KIM, Tae-Kyung**; (6/8) 32-15 Dangsang-dong 4-ga, Yeongdeungpo-gu, Seoul 150-805 (KR). **OTSUKA, Tatsuhiro**; 345-1106 Sangrok Apt., 1303, Gwonseon-dong, Gwonseon-gu Suwon-si, Gyeonggi-do 441-742 (KR). **HWANG, Wook-Yeon**; 65-2 Daeshim 2-ri, Yangseo-myeon, Yangpyeong-gun, Gyeonggi-do 476-822 (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 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 **G11B 7/007**

(11) **WO 2004/105001** (13) A1

(21) PCT/KR2004/001233

(22) **25 May/mai 2004 (25.05.2004)**

(25) en (26) en

(30) 10-2003-0033262 **26 May/mai 2003 KR (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL RECORDING MEDIUM AND APPARATUS FOR RECORDING/REPRODUCING DATA ON OR FROM THE SAME

- SUPPORT D'ENREGISTREMENT OPTIQUE ET APPAREIL SERVANT A ENREGISTRER/REPRODUIRE DES DONNEES SUR/A PARTIR DE CE SUPPORT

(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) **PARK, Jung Bae** [KR/KR]; 101, Hangaram Apt., 1586-6, Gwanyang-dong, Dongan-gu, Anyang-si, Kyonggi-do 431-060 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **G11B 7/09**

(11) **WO 2004/105002** (13) A1

(21) PCT/IB2004/050683

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 03101446.7 **21 May/mai 2003 EP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR RADIAL TRACKING IN AN OPTICAL DISC DRIVE

- PROCEDE D'ASSERVISSEMENT RADIAL DANS UN LECTEUR DE 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) **STALLINGA, Sjoerd** [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 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).

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 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 **G11B 7/095**

(11) **WO 2004/105003** (13) A1

(21) PCT/IB2004/050684

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 03101440.0 **21 May/mai 2003 EP (21.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISC DRIVE APPARATUS, AND TILT COMPENSATION METHOD

- LECTEUR DE DISQUE ET PROCEDE DE COMPENSATION D'INCLINAISON

(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) **RAAYMAKERS, Jeroen, A., L., J.** [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 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).

Published / Publiée : (c)

Declaration / Déclaration :

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(51)⁷ **G11B 7/125, H01S 5/0683**

(11) **WO 2004/105004** (13) A1

(21) PCT/IB2004/050676

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 03101426.9 **20 May/mai 2003 EP (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND RADIATION SOURCE DRIVING DEVICE FOR CONTROLLING RADIATION POWER

- PROCEDE ET DISPOSITIF D'EXCITATION D'UNE SOURCE DE

RAYONNEMENT PERMETTANT
DE REGULER LA PUISSANCE DE
RAYONNEMENT

(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) SCHREURS, Gerard, E., N.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MCCORMACK, James, J., A. [IE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN RENS, Antonia, C. [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 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).

Published / Publiée : (c)

Declaration / Déclaration :

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(51)⁷ G11B 7/125, H01S 5/0683

(11) WO 2004/105005 (13) A1

(21) PCT/IB2004/050677

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101425.1 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND RADIATION SOURCE DRIVING DEVICE FOR CONTROLLING RADIATION POWER

• PROCÉDE ET DISPOSITIF D'EXCITATION D'UNE SOURCE DE RAYONNEMENT PERMETTANT DE REGULER LA PUISSANCE DE RAYONNEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCCORMACK, James, J., A. [IE/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 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).

Published / Publiée : (c)

Declaration / Déclaration :

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(51)⁷ G11B 7/125, 7/005, 7/0045

(11) WO 2004/105006 (13) A1

(21) PCT/JP2004/007154

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-141719 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL DISC DEVICE AND INFORMATION RECORDING/REPRODUCTION METHOD

• UNITE DE DISQUE OPTIQUE ET PROCÉDE D'ENREGISTREMENT/LECTURE 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) KAYAMA, Hiroshi MOMOO, Kazuo

(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 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 G11B 7/24, 7/26, B01J 23/56

(11) WO 2004/105007 (13) A1

(21) PCT/GB2004/002118

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 0311568.0 20 May/mai 2003 GB (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MAKING A NANO-PARTICULATE MEDIUM

• PROCÉDE DE FABRICATION D'UN SUPPORT NANOPARTICULAIRE

(71) COVENTRY UNIVERSITY [GB/GB]; Priory Street, Coventry CV1 5FP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEWMAN, David, Michael [GB/GB]; 4 Belle Vue Close, Kenn, Exeter EX6 7UU (GB). WEARS, Mavis, Lesley [GB/GB]; 1 Compass Quay, Haven Road, Exeter EX2 8GW (GB). JOLLIE, Michael, Ian [GB/GB]; 221 Lyndon Road, Solihull, West Midland B92 7QN (GB).

(74) I.P. 21 LIMITED; Norwich Research Park, Colney, Norwich NR4 7UT (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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ G11B 7/24, 7/26

(11) WO 2004/105008 (13) A1

(21) PCT/JP2004/002585

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ja (26) ja

(30) 2003-146207 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL INFORMATION RECORD-
ING MEDIUM AND PROCESS FOR
PRODUCING THE SAME

• SUPPORT OPTIQUE
D'ENREGISTREMENT
D'INFORMATIONS ET SON
PROCEDE DE PRODUCTION

(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) HABUTA, Haruhiko NAGATA,
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(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 JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
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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(25) ja (26) ja

(30) 2003-145458 22 May/mai 2003 JP
(22.05.2003)(30) 2003-188985 30 Jun/juin 2003 JP
(30.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT OP-
TIQUE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6,
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1438555 (JP).

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les États désignés sauf US)

(72, 75) YASHIRO, Tohru [JP/JP]; Ebi-
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suo [JP/JP]; 4329-16, Yoshidajima, Kai-
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688-3(31-14), Nogaya-machi, Machida-shi,
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(74) HIROTA, Koichi; Hirota, Nagare & As-
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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 OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 G11B 7/24

(11) WO 2004/105010 (13) A1

(21) PCT/KR2004/001218

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003-143624 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI-LAYER STRUCTURE AND
METHOD OF DRAWING MICRO-
SCOPIC STRUCTURE THEREIN

• STRUCTURE MULTICOUCHE ET
PROCEDE SERVANT A GRAVER
DANS CELLE-CI UNE STRUCTURE
MICROSCOPIQUE

(71) SAMSUNG ELECTRONICS CO., LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR). NA-
TIONAL INSTITUTE OF ADVANCED
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les États désignés sauf US)

(72) KIM, Joo-Ho; 104-901 SK Apt., 700,
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664-803 Shinnamushil Kunyoung Apt., 967-2
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Gyeonggi-do 443-733 (KR). KUWAHARA,
Masashi; 111, Higashi, Tsukubasi, Ibaraki
305-8562 (JP). TOMINAGA, Junji; 111,
Higashi, Tsukubasi, Ibaraki 305-8562 (JP).
SHIMA, Takayuki; 111, Higashi, Tsukubasi,
Ibaraki 305-8562 (JP).

(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 KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G11B 9/00, G11C 13/02

(11) WO 2004/105011 (13) A1

(21) PCT/NL2003/000387

(22) 26 May/mai 2003 (26.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION STORAGE BASEC ON
CARBON NANOTUBES

• STOCKAGE D'INFORMATIONS
FONDE SUR DES NANOTUBES DE
CARBONE

(71, 72) CRAMM, Nardy [NL/NL]; Den Texs-
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VERSTEEGEN, Wim [NL/NL]; Johan
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(NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(r) for all designations / pour toutes les
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(51)⁷ G11B 9/00

(11) WO 2004/105012 (13) A2

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(25) en (26) en

(30) PCT/NL03/00387 26 May/mai 2003 NL
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ULTRA HIGH INFORMATION STOR-
AGE AND/OR NON-VOLATILE MEM-
ORY APPARATUS SYSTEM AND
METHOD HEREOF

• SYSTEME ET PROCEDE BASES
SUR UNE MEMORISATION
D'INFORMATIONS A PERFORMANCE
ELEVÉE ET/OU UNE MEMOIRE RE-
MANENTE

(71, 72) VERSTEEGEN, Wilhelmus [NL/NL];
Johan Wagenaarstraat 9, NL-2353 KS Leider-
dorp (NL). CRAMM, Nardy [NL/NL]; Den
Texstraat 49, NL-1017 XZ 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 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 G11B 11/105, 7/24

(11) WO 2004/105013 (13) A1

(21) PCT/JP2003/006451

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECORDING MEDIUM AND PRODUCTION METHOD THEREFOR

• SUPPORT D'ENREGISTREMENT ET SON PROCEDE DE PRODUCTION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) HOSOKAWA, Tetsuo [JP/JP]; c/o Yamagata Fujitsu Limited, 5400-2, Aza Omori, Moto-higashine, Oaza Higashine, Higashine-shi, Yamagata 999-3701 (JP). AITA, Tomoyuki [JP/JP]; c/o Yamagata Fujitsu Limited, 5400-2, Aza Omori, Moto-higashine, Oaza Higashine, Higashine-shi, Yamagata 999-3701 (JP).

(74) YAMAZAKI, Kaoru; Suite 403, New Kudan Mansion, 6-13, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 11/105, 7/24

(11) WO 2004/105014 (13) A1

(21) PCT/JP2003/006452

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MAGNETO-OPTICAL RECORDING MEDIUM, MANUFACTURING METHOD THEREOF, AND MAGNETO-OPTICAL RECORDING DEVICE

• SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE, PROCEDE

DE FABRICATION ET DISPOSITIF D'ENREGISTREMENT MAGNETO-OPTIQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSOKAWA, Tetsuo [JP/JP]; c/o Yamagata Fujitsu Limited, 5400-2, Aza Omori, Moto-higashine, Oaza Higashine, Higashine-shi, Yamagata 999-3701 (JP). AITA, Tomoyuki [JP/JP]; c/o Yamagata Fujitsu Limited, 5400-2, Aza Omori, Moto-higashine, Oaza Higashine, Higashine-shi, Yamagata 999-3701 (JP). HAGA, Hidekazu [JP/JP]; c/o Yamagata Fujitsu Limited, 5400-2, Aza Omori, Moto-higashine, Oaza Higashine, Higashine-shi, Yamagata 999-3701 (JP).

(74) YAMAZAKI, Kaoru; Suite 403, New Kudan Mansion, 6-13, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 11/105

(11) WO 2004/105015 (13) A1

(21) PCT/JP2004/007333

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-143872 21 May/mai 2003 (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANNEALING DEVICE AND ANNEALING METHOD

• DISPOSITIF ET PROCEDE DE RECUIT

(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) FUJITA, Goro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). MIKI, Takeshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). TANAKA, Yasuhito [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SAKAMOTO, Tetsuhiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). FUJIE, Kazuhiko [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 BY BZ CA CH CN 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 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 G11B 15/14

(11) WO 2004/105016 (13) A1

(21) PCT/US2004/015736

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,289 20 May/mai 2003 (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR MAINTAINING CONSISTENT TRACK PITCH IN HELICAL SCAN RECORDER

• PROCEDE ET DISPOSITIF POUR MAINTENIR UN ESPACEMENT DE PISTES COHERENT DANS UN DISPOSITIF D'ENREGISTREMENT A BALAYAGE HELICOIDAL

(71) EXABYTE CORPORATION [US/US]; 2108 - 55th Street, Boulder, CO 80301 (US).
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(72, 75) MAGNUSSON, Steven, L. [US/US]; 2215 Spotswood Place, Boulder, CO 80304-0993 (US).

(74) BURNAM, Warren, H., Jr.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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(21) PCT/IB2004/050674

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101423.6 **20 May/mai 2003** EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A CONTENT ITEM RECORDER AND METHOD OF RECORDING THEREFOR

- ENREGISTREUR DE FORMAT DE CONTENU ET PROCÉDE D'ENREGISTREMENT 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) SHARMA, Pankaj [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
KONIECZNY, Pawel, A. [PL/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 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 G11B 20/10, 20/12, 27/034

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(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 03076515.0 **20 May/mai 2003** EP
(20.05.2003)

(30) 03104638.6 **11 Dec/déc 2003** EP
(11.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TIME SLIP MODE SETTING

- ACTIVATION DE LA FONCTION D'ENREGISTREMENT ET DE LECTURE SIMULTANES

(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) BRONDIJK, Robert, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN BECKHOVEN, Stephanus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) MAK, Theodorus, N.; 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 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).

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 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 G11B 20/10

(11) WO 2004/105019 (13) A1

(21) PCT/KR2003/002486

(22) 19 Nov/nov 2003 (19.11.2003)

(25) en (26) en

(30) 10-2003-0032083 **20 May/mai 2003** KR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND SYSTEM FOR DATA COPY PROTECTION AND METHOD THEREOF

- APPAREIL ET SYSTÈME DE PROTECTION DE DONNÉES COPIÉES ET PROCÉDE ASSOCIÉ

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, 442-742 Kyungki-do (KR).

(72) CHOI, Yang-lim; #210-1509 Hanshin APT, 124 Imae-dong, Boondang-gu, 463-906 Sungnam-city, Kyungki-do (KR).
CHOI, Yun-ho; #259-407 Jugong APT, Jamshil 2-dong, Songpa-gu, 138-912 Seoul (KR).
KIM, Yun-sang; #605-1205 Yuwon Bosung APT, 1265 Kwonsun-dong, Kwonsun-gu, 441-722 Suwon-city, Kyungki-do (KR).

(74) KIM, Dongjin; 3F Sunggok Bldg., 823-22 Yeoksam-dong, Gangnam-gu, 135-080 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/105020 (13) A1

(21) PCT/IB2004/050560

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03076513.5 **20 May/mai 2003** EP
(20.05.2003)

(30) 03104631.1 **11 Dec/déc 2003** EP
(11.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTERRUPTIBLE FORMATTING

- FORMATAGE INTERRUPTIBLE

(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) BRONDIJK, Robert, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN BECKHOVEN, Stephanus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) MAK, Theodorus, N.; 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 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).

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 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 G11B 20/12, 27/034, 20/10

(11) WO 2004/105021 (13) A1

(21) PCT/IB2004/050567

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03076514.3 **20 May/mai 2003** EP
(20.05.2003)

(30) 03104636.0 **11 Dec/déc 2003** EP
(11.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HANDLING REAL-TIME WRITE ERRORS

• TRAITEMENT DES ERREURS D'ECRITURE EN TEMPS REEL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRONDIJK, Robert, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN BECKHOVEN, Stephanus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) MAK, Theodorus, N.; 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 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).

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 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 G11B 20/12, G06F 3/06

(11) WO 2004/105022 (13) A1

(21) PCT/IB2004/050574

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 03076516.8 20 May/mai 2003 EP (20.05.2003)

(30) 03104639.4 11 Dec/déc 2003 EP (11.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HANDLING UNWRITTEN AREAS ON A STORAGE MEDIUM

• TRAITEMENT DES ZONES NON-OCCUPEES SUR UN SUPPORT DE DONNEES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRONDIJK, Robert, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN BECKHOVEN, Stephanus, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) MAK, Theodorus, N.; 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 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).

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 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 G11B 20/12, 20/10

(11) WO 2004/105023 (13) A1

(21) PCT/JP2003/006263

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION RECORDING METHOD, INFORMATION RECORD MEDIUM, INFORMATION RECORDING/REPRODUCING APPARATUS, AND INFORMATION RECORDING/REPRODUCING SYSTEM

• PROCEDURE D'ENREGISTREMENT D'INFORMATIONS, SUPPORT D'ENREGISTREMENT D'INFORMATIONS, DISPOSITIF D'ENREGISTREMENT/REPRODUCTION D'INFORMATIONS ET SYSTEME D'ENREGISTREMENT/REPRODUCTION D'INFORMATIONS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) TAGUCHI, Masakazu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) YAMADA, Masaki et al. / etc.; Kosugi & Yamada, Pelican Building, 4th Floor, 3-3,

Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 G11B 20/12

(11) WO 2004/105024 (13) A1

(21) PCT/KR2004/001219

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10-2003-0033127 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR RECORDING AND/OR REPRODUCING DATA ON AN INFORMATION STORAGE MEDIUM USING PADDING INFORMATION, AND THE INFORMATION STORAGE MEDIUM

• DISPOSITIF ET PROCEDURE DESTINES A L'ENREGISTREMENT ET/OU A LA REPRODUCTION D'INFORMATIONS SUR UN SUPPORT DE STOCKAGE D'INFORMATIONS, UTILISANT DES INFORMATIONS DE REMPLISSAGE, ET SUPPORT DE STOCKAGE D'INFORMATIONS CORRESPONDANT

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

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(72) HWANG, Sung-Hee; 420-403 Jugong Apt., 189 Gaspo-dong, Gangnam-gu, Seoul 135-800 (KR). LEE, Kyung-Geun; 229-1006 Sibeomdanji Woosung Apt., 16, Seohyun 1-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-773 (KR). LEE, Yoon-Woo; 725-503 Hyundai Apt., 989-2, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-813 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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 G11B 20/14, 20/10, 20/18

(11) WO 2004/105025 (13) A1

(21) PCT/JP2004/007451

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-148122 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SIGNAL PROCESSING DEVICE AND SIGNAL PROCESSING METHOD

• DISPOSITIF ET PROCÉDE DE TRAITEMENT DU SIGNAL

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAJIWARA, Yoshiyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). INO, Hiroyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; Yamato Seimei Bldg., 11th Floor, 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (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 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 G11B 20/22, 20/12, 7/095

(11) WO 2004/105026 (13) A1

(21) PCT/IB2004/001598

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 03291194.3 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD OF RETRIEVING A DATA SIGNAL STORED ON AN OPTICAL DATA CARRIER

• DISPOSITIF ET PROCÉDE DE RECUPERATION D'UN SIGNAL DE DONNÉES ENREGISTRÉ SUR UN SUPPORT DE DONNÉES 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) LEE, Juil [KR/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR). ANDERSEN, Ole, Klemmt [DK/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR). LINOTTE, Peter, Marchel [NL/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR). PADIY, Alexander [NL/NL]; Société Civile SPID c/o, 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 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).

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 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 G11B 20/22, 20/12, 7/095

(11) WO 2004/105027 (13) A1

(21) PCT/IB2004/001599

(22) 7 May/mai 2004 (07.05.2004)

(25) en (26) en

(30) 03291193.5 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD OF ESTIMATING THE TANGENTIAL TILT OF AN OPTICAL DATA CARRIER..

• SYSTEME ET METHODE D'ESTIMATION DE L'INCLINAISON TANGENTIELLE D'UN SUPPORT DE DONNÉES OPTIQUES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) PADIY, Alexander [NL/NL]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR). BERGMANS, Johannes, Wilhelmus, Maria [NL/NL];

Société Civile SPID c/o, 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 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).

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 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 G11B 20/22, 20/12, 7/095

(11) WO 2004/105028 (13) A1

(21) PCT/IB2004/001609

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 03291192.7 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD OF COMPENSATING THE TANGENTIAL TILT IN AN OPTICAL DATA CARRIER SIGNAL

• SYSTEME ET PROCÉDE DE COMPENSATION DE L'INCLINAISON TANGENTIELLE DANS UN SIGNAL DE SUPPORT DE DONNÉES 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) PADIY, Alexander [NL/NL]; 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 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).

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 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 G11B 20/22, 20/12, 7/095

(11) WO 2004/105029 (13) A1

(21) PCT/IB2004/001646

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 03300018.3 21 May/mai 2003 EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DEVICE AND METHOD OF COMPENSATING THE DISTORTIONS IN OPTICAL DATA CARRIER SCANNING

- DISPOSITIF ET PROCÉDE POUR COMPENSER DES DISTORSIONS LORS DE L'EXPLORATION D'UN SUPPORT DE DONNÉES OPTIQUES

(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) PADIY, Alexander [NL/NL]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). LEE, Juil [KR/NL]; 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 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).

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 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 G11B 21/21

(11) WO 2004/105030 (13) A1

(21) PCT/CN2003/000368

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SYSTEM AND METHOD FOR A SUB-AMBIENT PRESSURE AIR BEARING SLIDER UTILIZING NEGATIVE PRESSURE GROOVES

- SYSTEME ET PROCÉDE POUR COULISSEAU A PALIER A AIR SOUS PRESSION SUBATMOSPHERIQUE, UTILISANT DES RAINURES A PRESSION NEGATIVE

(71) SAE MAGNETICS (H.K.) LTD. [CN/CN]; SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung N.T., Hong Kong (CN).

(72) YAO, Minggao; Winnerway Industrial Area, Nancheng, Dongguan City, Guangdong 511700 (CN). SHIRAISHI, Masashi; Flat C, 22/F, Tower 9, Laguna Verde (Phase II A), Hung Hom, Kowloon, Hong Kong (CN). XIE, Yiru; Winnerway Industrial Area, Nancheng, Dongguan City, Guangdong 511700 (CN).

(74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (HK).

(81) CN.

(51)⁷ G11B 27/00, 27/034

(11) WO 2004/105031 (13) A1

(21) PCT/GR2004/000031

(22) 25 May/mai 2004 (25.05.2004)

(25) en (26) en

(30) 20030100237 26 May/mai 2003 GR (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • EDIT DECISION RECORDING DEVICE IN A MULTI-CAMERA VIDEO RECORDING SYSTEM AND INTEGRATED VIDEO RECORDING AND EDITING SYSTEM CONTAINING THE SAME

- DISPOSITIF D'ENREGISTREMENT DE DECISION D'EDITION DANS UN SYSTEME D'ENREGISTREMENT VIDEO MULTICAMERA ET SYSTEME

D'ENREGISTREMENT ET D'EDITION VIDEO INTEGRE LE CONTENANT

(71, 72) ACHILLOPOULOS, Evangelos [GR/GR]; 5, Tsouka Str., Alimos, GR-174 55 Athens (GR).

(74) PAPACONSTANTINO, Helen, G.; 2, Coumbari Str., GR-106 74 Athens (GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ G11B 27/00

(11) WO 2004/105032 (13) A2

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(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03076519.2 21 May/mai 2003 EP (21.05.2003)

(30) 03102275.9 24 Jul/juil 2003 EP (24.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD OF STORING/RETRIEVING INFORMATION TO/FROM AN OPTICAL DISC

- PROCÉDE PERMETTANT LE STOCKAGE D'INFORMATIONS SUR UN DISQUE OPTIQUE ET L'EXTRACTION DESDITES INFORMATIONS

(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) JANSEN, Theodorus, P., H., G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHEP, Cornelis, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). STEK, Aalbert [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 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).

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 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 G11B 27/034, 27/32

(11) WO 2004/105033 (13) A1

(21) PCT/IB2004/050740

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03101491.3 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REWRITABLE RECORD CARRIER

- SUPPORT D'ENREGISTREMENT REINSCRIPTIBLE

(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) BRONDIJK, Robert, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HAMELINCK, Dirk [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). IJTSMA, Pope [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BLACQUIERE, Johanniss, F., R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) MAK, Theodorus, N.; 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 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).

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 NA SD SL SZ TZ UG ZM ZW)

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/24, G03B 31/00

(11) WO 2004/105034 (13) A1

(21) PCT/EP2004/004602

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 22 722.9 20 May/mai 2003 DE
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR SYNCHRONIZING AN AUDIO SIGNAL WITH A FILM

- SYSTEME ET PROCÉDE POUR SYNCHRONISER UN SIGNAL AUDIO AVEC UN FILM

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V. [DE/DE]; Hansastrasse 27c, 80686 München (DE).
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(72, 75) RODIGAST, René [DE/DE]; Dorfstrasse 56, 07639 Tantenhein (DE). MUNDERLOH, Marco [DE/DE]; Am Oehrenberg 4, 98704 Langewiesen (DE). SPORER, Thomas [DE/DE]; Kielerstrasse 7a, 90766 Fürth (DE). BECKINGER, Michael [DE/DE]; Gutenbergstrasse 2, 99092 Erfurt (DE).

(74) SCHENK, Markus 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 G11B 27/28, G06F 17/30

(11) WO 2004/105035 (13) A1

(21) PCT/IB2004/050714

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101522.5 26 May/mai 2003 EP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR GENERATING AUDIO-VISUAL SUMMARIES FOR AUDIO-VISUAL PROGRAM CONTENT

- SYSTEME ET PROCÉDE DE GÉNÉRATION D'APERCUS AUDIOVISUELS POUR DES CONTENUS D'ÉMISSIONS AUDIOVISUELLES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) BARBIERI, Mauro [IT/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE). MEKENKAMP, Gerhardus, Engbertus [NL/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; 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 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 G11B 27/30, 20/12, 7/007

(11) WO 2004/105036 (13) A1

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(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03076563.0 21 May/mai 2003 EP
(21.05.2003)

(30) 03103800.3 14 Oct/oct 2003 EP
(14.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INFORMATION CARRIER AND APPARATUS

- SUPPORT D'INFORMATION ET APPAREIL

(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) BLUM, Martinus, W. [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 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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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 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 G11B 31/02

(11) WO 2004/105037 (13) A1

(21) PCT/KR2004/001188

(22) 19 May/mai 2004 (19.05.2004)

(25) ko (26) en

(30) 20-2003-0015537 20 May/mai 2003 KR (20.05.2003)

(30) 20-2003-0015539 20 May/mai 2003 KR (20.05.2003)

(30) 20-2004-0013536 15 May/mai 2004 KR (15.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PORTABLE KARAOKE SYSTEM

• SYSTEME DE KARAOKE PORTABLE

(71) ENTER TECH CO. LTD. [KR/KR]; 401-5 Bunji, Hwagok-dong, Gangseo-gu., Seoul 157-887 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LEE, Kyung Ho [KR/KR]; #302-1305, Mok Dong Sinsigaji Apt., 903, Mok-dong, Yangcheon-gu, Seoul, 158-050 (KR).

(74) CHANG, Hoon; 5F., Namchang Bldg., 748-16 Yoeksam-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 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 G11B 33/14, B01D 46/00

(11) WO 2004/105038 (13) A1

(21) PCT/US2004/016167

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/442,399 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRONIC BREATHING BAG FILTER

• FILTRE COMPORTANT UNE POCHE DE RESPIRATION, POUR BOITIER ELECTRONIQUE

(71) DONALDSON COMPANY, INC. [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Christopher, M. [US/US]; 1702 Hampshire Lane M., Golden Valley, MN 55427 (US). MCPHAIL, Patrick, L. [US/US]; 3509 Bryant Avenue South #2, Minneapolis, MN 55431 (US). GARIKIPATI, Vijay [IN/US]; 4094 Johnny Cake Ridge Road, Eagan, MN 55122 (US). LEIER, Andre, D. [US/US]; 715 Holmes Street, Shakopee, MN 55379 (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 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 G11C

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(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/438,344 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STACKED 1T-nMEMORY CELL STRUCTURE

• STRUCTURE A 1T-N CELLULES DE MEMOIRE EMPILEES

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83707-006 (US).

(72) NEJAD, Hasan; 6144 S. Schooner Place, Boise, ID 83716 (US). SEYYEDY, Mirma-jid; 4665 N. Bantry Plc., Boise, ID 83702 (US).

(74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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 G11C

(11) WO 2004/105040 (13) A2

(21) PCT/US2004/009066

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/471,408 16 May/mai 2003 US (16.05.2003)

(30) 10/776,762 11 Feb/fév 2004 US (11.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • UNIVERSALLY ACCESSIBLE FULLY PROGRAMMABLE MEMORY BUILT-IN SELF-TEST (MBIST) SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'AUTO-TEST A MEMOIRE INTEGREE (MBIST) COMPLEMENT PRO-GRAMMABLE ET A ACCES UNIVERSEL

(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) BASTO, Luis, Antonio [US/US]; 9612 Crenata Cove, Austin, TX 78759 (US).

(74) COLEMAN, Roy, J. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 G11C 16/04, 7/12, 16/24, H01L 21/8247

(11) WO 2004/105041 (13) A1

(21) PCT/EP2004/050356

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 23 244.3 22 May/mai 2003 DE (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED MEMORY CIRCUIT ARRANGEMENT IN PARTICULAR

A UNIFORM-CHANNEL-PROGRAMMING FLASH MEMORY

- ENSEMBLE CIRCUIT DE MEMOIRE INTEGRE, EN PARTICULIER MEMOIRE FLASH UCP (UNIFORM CHANNEL PROGRAMMING)

(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) TEMPEL, Georg [DE/DE]; Berggartenstr. 23 b, 01277 Dresden (DE).

(74) KINDERMANN, Peter et al. / etc.; Karl-Böhm-Str. 1, 85598 Baldham (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 G11C 16/34

(11) WO 2004/105042 (13) A1

(21) PCT/EP2004/004146

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 103 22 723.7 20 May/mai 2003 DE (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR TREATING A STATE OF A MEMORY

- DISPOSITIF ET PROCÉDE POUR TRAITER UN ETAT D'UNE MEMOIRE

(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) FISCHER, Wieland [DE/DE]; Müllerstr. 11, 80469 München (DE). SAMEC, Christian [AT/AT]; Mariatrosterstr. 113/3, A-8043 Graz (AT).

(74) STÖCKELER, Ferdinand et al. / etc.; 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/105043 (13) A1

(21) PCT/IB2004/050696

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101471.5 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TESTING RAM ADDRESS DECODER FOR RESISTIVE OPEN DEFECTS

- MISE A L'EPREUVE D'UN DECODEUR D'ADRESSES EN MEMOIRE RAM POUR DEFAUTS DE TYPE RESISTIF OUVERT

(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) AZIMANE, Mohamed [MA/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MAJHI, Ananta, K. [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, 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 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).

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 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 NA NI 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 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 G11C 29/00

(11) WO 2004/105044 (13) A1

(21) PCT/IB2004/050698

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 03101472.3 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TESTING INTEGRATED CIRCUITS

- MISE A L'ESSAI DE CIRCUITS INTEGRES

(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) AZIMANE, Mohamed [MA/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MAJHI, Ananta, K. [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, 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 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).

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 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 G11C 29/00

(11) WO 2004/105045 (13) A1

(21) PCT/IB2004/050708

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101470.7 22 May/mai 2003 EP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TEST OF RAM ADDRESS DECODER FOR RESISTIVE OPEN DEFECTS

- TEST APPLICABLE A UN DECODEUR D'ADRESSES RAM POUR DECELER DES DEFAUTS RESISTIFS DE BLOCAGE EN POSITION OUVERTE

(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) AZIMANE, Mohamed [MA/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, 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 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).

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 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 G12B 21/02, B81B 3/00, 1/00, B82B 3/00, G03F 7/20

(11) WO 2004/105046 (13) A2

(21) PCT/US2004/015161

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/440,022 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCANNING PROBE MICROSCOPY PROBE AND METHOD FOR SCANNING PROBE CONTACT PRINTING

• SONDE POUR MICROSCOPIE PAR SONDE A BALAYAGE ET PROCEDE DE TIRAGE PAR CONTACT AU MOYEN DE LADITE SONDE

(71) BOARD OF TRUSTEES OF UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 Wright, Urbana, IL 61801 (US). NORTHWESTERN UNIVERSITY [US/US]; 1880 Oak Avenue, Suite 100, Evanston, IL 60201 (US).

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(72, 75) LIU, Chang [US/US]; 1828 Tahoe Court, Champaign, IL 61801 (US). ZOU, Jun [CN/US]; 2118 S. Orchard Street, #303, Urbana, IL 61801 (US). WANG, Xuefeng [CN/US]; 604 E. White Street, #16, Champaign, IL 61820 (US). BULLEN, David [US/US]; 1012 East Kerr Avenue, Apt. #301, Urbana, IL 61802 (US). MIRKIN, Chad [US/US]; 111 16th Street, Wilmette, IL 60091 (US). ZHANG, Hua [CN/US]; 1228 Oak Avenue, Apt. 5, Evanston, IL 60202 (US).

(74) ROZENBLAT, David et al. / etc.; Sonnenschein Nath & Rosenthal LLP, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G21C

(11) WO 2004/105047 (13) A2

(21) PCT/US2004/014875

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,496 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED SELF-CLEANING STRAINER

• CREPINE AUTONETTOYANTE AMELIOREE

(71) CONTINUUM DYNAMICS, INC. [US/US]; 34 Lexington Avenue, Ewing, NJ 08618-2302 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BILANIN, Alan, J. [US/US]; 62 Battle Road, Princeton, NJ 08540 (US). KAUFMAN, Andrew, E. [US/US]; 172 Line Road, West Windsor, NJ 08550 (US).

(74) WOODBRIDGE, Richard, C.; Synnestvedt Lechner & Woodbridge LLP, P.O. Box 592, Princeton, NJ 08542 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 G21C 19/00

(11) WO 2004/105048 (13) A2

(21) PCT/FR2004/050201

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 0350168 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STORAGE DEVICE FOR THE TRANSPORTATION/STORAGE OF NUCLEAR FUEL ASSEMBLIES

• DISPOSITIF DE RANGEMENT POUR LE TRANSPORT/STOCKAGE D'ASSEMBLAGES DE COMBUSTIBLE NUCLEAIRE

(71) COGEMA LOGISTICS [FR/FR]; 1 rue des Hérons, F-78182 MONTIGNY LE BRETONNEUX (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARDIN, Jacques [FR/FR]; Rue Camille Desmoulin, F-30290 LAUDUN (FR). ROGER, Christophe [FR/FR]; 21, rue de la Montgolfière, F-93160 NOISY LE GRAND (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 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 G21G 4/08

(11) WO 2004/105049 (13) A1

(21) PCT/CA2004/000748

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/472,118 21 May/mai 2003 US (21.05.2003)

(30) 10/790,028 2 Mar/mar 2004 US (02.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ISOTOPE GENERATOR

• GENERATEUR D'ISOTOPES

(71) THE UNIVERSITY OF ALBERTA, SIMON FRASER UNIVERSITY, THE UNIVERSITY OF VICTORIA, THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; AND CARLETON UNIVERSITY COLLECTIVELY DOING BUSINESS AS TRIUMF, 4004 Wesbrook Mall, Vancouver, British Columbia V6T 2A3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZYUZIN, Alexander [CA/CA]; 1999A W. 10th Avenue, Vancouver, British Columbia V6T 2B1 (CA).

(74) RUSTON, David, A. et al. / etc.; SIM & McBURNEY, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ 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 G21K 1/10, 1/02

(11) WO 2004/105050 (13) A1

(21) PCT/DE2004/000955

(22) 7 May/mai 2004 (07.05.2004)

(25) de (26) de

(30) 103 22 531.5 19 May/mai 2003 DE
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCATTERED RADIATION GRID OR COLLIMATOR

• GRILLE OSCILLANTE OU COLLIMATEUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOHEISEL, Martin [DE/DE]; Spitzwegstr. 10, 91056 Erlangen (DE). SKLEBITZ, Hartmut [DE/DE]; Rein-schartenweg 6a, 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ H01B 1/00, 1/12, H01M 6/04

(11) WO 2004/105051 (13) A1

(21) PCT/US2004/014900

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,654 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ZINC LANTHANIDE SULFONIC ACID ELECTROLYTES

• ELECTROLYTES D'ACIDE SULFONIQUE DE LANTHANIDE DE ZINC

(71) ATOFINA CHEMICALS, INC. [US/US]; 2000 Market Street, Philadelphia, PA 19103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTYAK, Nicholas, Michael [US/US]; 307 Hedgerow Lane, Doylestown, PA 18901 (US). NOSOWITZ, Martin [US/US]; 217 Pheasant Run Road, Paoli, PA 19301 (US).

(74) RUDMAN, Gilbert, W. et al. / etc.; Atofina Chemicals, Inc., 2000 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 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).

Published / Publiée : (c)

(51)⁷ H01B 1/14, C04B 35/48

(11) WO 2004/105052 (13) A1

(21) PCT/US2004/016130

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 10/442,616 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LIGHT-COLORED ESD SAFE CERAMICS

• CERAMIQUES A DECHARGE ELECTROSTATIQUE SURE DE COULEUR CLAIRE

(71) SAINT-GOBAIN CERAMICS & PLASTICS, INC. [US/US]; 1 New Bond Street, Box Number 15138, Worcester, Massachusetts 01615-0138 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIMPSON, Matthew, A. [AU/US]; 157 Maynard Farm Road, Sudbury, Massachusetts 01776 (US).

(74) BUJOLD, Michael J. et al. / etc.; Davis & Bujold, P.L.L.C., 500 North Commercial Street, Fourth Floor, Manchester, New Hampshire 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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ H01B 5/00, H01L 21/60, H05K 3/34

(11) WO 2004/105053 (13) A1

(21) PCT/JP2004/007407

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-145160 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONDUCTIVE BALL, METHOD OF FORMING ELECTRODE OF ELECTRONIC PART, ELECTRONIC PART AND ELECTRONIC EQUIPMENT

• BILLE CONDUCTRICE, PROCÉDE DE FORMATION D'ELECTRODE COMPRENANT UNE PARTIE ELECTRONIQUE, PARTIE ELECTRONIQUE ET EQUIPEMENT ELECTRONIQUE ASSOCIES

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho., Abeno-ku, Osaka-shi., Osaka 5458522 (JP). Sekisui Chemical Co., Ltd. [JP/JP]; 4-4, Nishitenma 2-chome., Kita-ku, Osaka-shi., Osaka 5308565 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUMIKAWA, Masato [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho., Abeno-ku, Osaka-shi., Osaka 5458522 (JP). MURAYAMA, Rina [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho., Abeno-ku, Osaka-shi., Osaka 5458522 (JP). OGAWA, Masashi [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho., Abeno-ku, Osaka-shi., Osaka 5458522 (JP). MATSUSHITA, Kiyoto [JP/JP]; c/o Shiga-Minakuchi-kojo of Sekisui Chemical Co., Ltd., 1259, Izumi., Minakuchi-cho, Koka-gun., Shiga 5288585 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

- 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 H01B 5/14, 13/00, G02F 1/1343, C23C
14/08, 14/34
- (11) WO 2004/105054 (13) A1
- (21) PCT/JP2004/005545
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) ja (26) ja
- (30) 2003-141429 20 May/mai 2003 JP
(20.05.2003)
- (30) 2003-370357 30 Oct/oct 2003 JP
(30.10.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • AMORPHOUS TRANSPARENT CON-
DUCTIVE FILM, SPUTTERING TAR-
GET AS ITS RAW MATERIAL, AMOR-
PHOUS TRANSPARENT ELECTRODE
SUBSTRATE, PROCESS FOR PRO-
DUCING THE SAME AND COLOR
FILTER FOR LIQUID CRYSTAL DIS-
PLAY
- FILM CONDUCTEUR TRANSPARENT
AMORPHE, CIBLE DE PULVERISA-
TION SERVANT DE MATIERE PRE-
MIERE, SUBSTRAT D'ELECTRODE
TRANSPARENT AMORPHE, PRO-
CEDE DE PRODUCTION DE CEUX-CI
ET FILTRE COULEUR POUR UN AFFI-
CHAGE A CRISTAUX LIQUIDES
- (71) IDEMITSU KOSAN CO. LTD. [JP/JP];
1-1, Marunouchi 3-chome, Chiyoda-ku,
Tokyo, 1000005 (JP).
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les États désignés sauf US)*
- (72, 75) INOUE, Kazuyoshi [JP/JP]; c/o Central
Research Laboratories Idemitsu Kosan Co.,
Ltd. 1280 Kami-Izumi Sodegaura-shi Chiba,
2990205 (JP).
- (74) ITO, Mitsuru; 6F Yotsuya Chuo bldg.
2-17, Yotsuya 3-chome 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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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)⁶ H01B 7/00, 13/00, H02G 1/14, H01R
43/033
- (11) WO 2004/105056 (13) A1
- (21) PCT/JP1999/004267
- (22) 6 Aug/août 1999 (06.08.1999)
- (25) ja (26) ja
- (30) 10/226688 11 Aug/août 1998 JP
(11.08.1998)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MULTIPLE-CONDUCTOR CABLE
AND METHOD OF MANUFACTURE
THEREOF
- CABLE A CONDUCTEURS MUL-
TIPLÉS ET SON PROCEDE DE FABRI-
CATION
- (71, 72) HARAMAKI, Takashi [JP/JP]; c/o Hi-
tachi, Ltd., Hitachi Research Laboratory, 1-1,
Omikacho 7-chome, Hitachi-shi, Ibaraki 319-
1292 (JP). SAKURAI, Izumi [JP/JP]; c/o Hi-
tachi, Ltd., Hitachi Research Laboratory, 1-1,
Omikacho 7-chome, Hitachi-shi, Ibaraki 319-
1292 (JP). KOJIMA, Yoshitaka [JP/JP]; c/o
Hitachi, Ltd., Hitachi Research Laboratory,
1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki
319-1292 (JP).
- (74) SAKUTA, Yasuo; Hitachi, Ltd., 5-1,
Marunouchi 1-chome, Chiyoda-ku, Tokyo
100-8220 (JP).
- (81) US.
- Published / Publiée : (e): 17Sep/sep 2002
(17.09.2002), 6452101
-
- (51)⁷ H01B 7/28, 7/282, 3/30, 3/42
- (11) WO 2004/105057 (13) A1
- (21) PCT/US2004/013911
- (22) 6 May/mai 2004 (06.05.2004)
- (25) en (26) en
- (30) 10/440,207 16 May/mai 2003 US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WATER BLOCKING CABLE TAPE
AND METHODS FOR MAKING SAME
- RUBAN D'ÉTANCHEITE POUR
CABLE ET SES PROCÉDES DE FA-
BRICATION
- (63) US 10/440,207 (CIP)
16 May/mai 2003 (16.05.2003)
- (71) NEPTCO, INC. [US/US]; 3908 Hickory
Boulevard, P.O.Box 800, Granite Falls, NC
28630 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BAHLMANN, Craig [US/US]; 3165
Sharon Street, Hickory, NC 28601 (US).
FRANKLIN, Ethan [US/US]; 105 Jacksons
Run, Morganton, NC 28655 (US).
- (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 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).
- Published / Publiée : (e)
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- (51)⁷ H01B 13/16, C04B 35/00
- (11) WO 2004/105058 (13) A1
- (21) PCT/FR2004/050200
- (22) 18 May/mai 2004 (18.05.2004)
- (25) fr (26) fr
- (30) 03/50158 19 May/mai 2003 FR
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR THE PRODUCTION
OF AN ELECTRICALLY INSULATING
AND MECHANICALLY STRUCTUR-
ING SLEEVE ON AN ELECTRIC CON-
DUCTOR
- PROCEDE DE FABRICATION D'UNE
GAINE ELECTRIQUEMENT ISO-
LANTE ET MECANIQUEMENT
-
- (51)⁷ H01B 5/14, 13/00, B32B 7/02
- (11) WO 2004/105055 (13) A1
- (21) PCT/JP2004/007543
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja

STRUCTURANTE SUR UN CONDUC-
TEUR ELECTRIQUE.

- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 PARIS 15ème (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) PUIGSEGUR, Alexandre [FR/FR]; 36, rue François Villeneuve, Apt. N°7, F-34070 Montpellier (FR). RONDEAUX, Françoise [FR/FR]; 4 rue Emile Zola, F-92130 Issy-Les-Moulineaux (FR). PROUZET, Eric [FR/FR]; Parc des Roses, Bât.C1, 23, avenue Saint Lazare, F-34000 Montpellier (FR).

- (74) LEHU, Jean; BREVATOME, 3, rue du Doc-
teur 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 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).

Published / Publiée : (c)

- (51)⁷ H01C 1/084, 17/245

- (11) WO 2004/105059 (13) A1

- (21) PCT/US2004/014569

- (22) 11 May/mai 2004 (11.05.2004)

- (25) en (26) en

- (30) 10/441,649 20 May/mai 2003 US (20.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • HIGH POWER RESISTOR HAVING AN IMPROVED OPERATING TEMPERATURE RANGE AND METHOD FOR MAKING SAME

- RESISTANCE HAUTE CAPACITE A GAMME AMELIOREE DE TEMPERATURE DE FONCTIONNEMENT ET PROCEDE DE FABRICATION CORRESPONDANT

- (71) VISHAY DALE ELECTRONICS, INC. [US/US]; 1122 23rd Street, Columbus, NE 68602 (US).

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- (72, 75) SCHNEEKLOTH, Greg [US/US]; Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US). WELK, Nathan [US/US]; Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US). TRAUDT, Brandon [US/US]; Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US). SMEJKAL, Joel, J. [US/US]; Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US). MIKSCH, Ronald, J. [US/US];

Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US). HEN-DRICKS, Steve, E. [US/US]; Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US). LANGE, David, L. [US/US]; Vishay Dale Electronics, Inc., 1122 23rd Street, Columbus, NE 68602 (US).

- (74) VOORHEES, Michael, G.; 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 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).

Published / Publiée : (a)

- (51)⁷ H01C 10/00, 10/06, A41D 31/00

- (11) WO 2004/105060 (13) A1

- (21) PCT/IB2004/001691

- (22) 19 May/mai 2004 (19.05.2004)

- (25) en (26) en

- (30) 60/473,118 23 May/mai 2003 US (23.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WEARABLE VARIABLE RESISTOR
• RESISTANCE VARIABLE A PORTER

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) MARMAROPOULOS, George [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). VU, Giang Truong [GB/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

- (74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Waxler, Aaron, 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 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).

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 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)

(t) for all designations / pour toutes les désignations

- (51)⁷ H01F 38/14, B01F 7/00, 15/00, 15/06, 13/08, G01K 17/00, H05B 6/02

- (11) WO 2004/105061 (13) A1

- (21) PCT/EP2004/005495

- (22) 19 May/mai 2004 (19.05.2004)

- (25) en (26) en

- (30) 0311959.1 23 May/mai 2003 GB (23.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ENERGY DELIVERY SYSTEM
• SYSTEME D'APPORT D'ENERGIE

- (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) JONES, Anthony, Patrick [GB/GB]; GlaxoSmithKline, Park Road, Ware Hertfordshire SG12 0DP (GB). SMITH, Clive, Adrian [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow Essex CM19 5AW (GB).

- (74) RICE, Jason, Neale; 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 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).

Published / Publiée : (c)

- (51)⁷ H01F 41/02, 1/08, B22F 3/02

- (11) WO 2004/105062 (13) A1

- (21) PCT/JP2004/006013

- (22) 26 Apr/avr 2004 (26.04.2004)

- (25) ja (26) ja

- (30) 2003-142257 20 May/mai 2003 JP (20.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR PRODUCING BONDED MAGNET

- PROCEDE DE PRODUCTION D'UN AIMANT LIE
- (71) AICHI STEEL CORPORATION [JP/JP]; 1, Wano-wari, Arao-machi, Tokai-shi, Aichi 4768666 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HONKURA, Yoshinobu [JP/JP]; c/o AICHI STEEL CORPORATION, 1, Wano-wari, Arao-machi, Tokai-shi, Aichi 4768666 (JP). MITARAI, Hironari [JP/JP]; c/o AICHI STEEL CORPORATION, 1, Wano-wari, Arao-machi, Tokai-shi, Aichi 4768666 (JP). NOGUCHI, Kenji [JP/JP]; c/o AICHI STEEL CORPORATION, 1, Wano-wari, Arao-machi, Tokai-shi, Aichi 4768666 (JP). MATSUOKA, Hiroshi [JP/JP]; c/o AICHI STEEL CORPORATION, 1, Wano-wari, Arao-machi, Tokai-shi, Aichi 4768666 (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 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 H01F 41/04, 27/28
- (11) WO 2004/105063 (13) A2
- (21) PCT/FR2004/001198
- (22) 14 May/mai 2004 (14.05.2004)
- (25) fr (26) fr
- (30) 03/05917 16 May/mai 2003 FR (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • TRANSFORMER WINDING AND PRODUCTION METHOD THEREOF
- ENROULEMENT POUR TRANSFORMATEUR ET SON PROCEDE DE FABRICATION
- (71, 72) SCHERRER, Jean-Marc [FR/FR]; 5A, rue du Collège, F-68400 Riedisheim (FR). SCHERRER, Jean-Paul [FR/FR]; 76A, avenue de la 1ère D.B., F-68100 Mulhouse (FR).
- (72, 75) BEISSER, Jean-Claude [FR/FR]; 1, boucle des Dauphinelles, F-05520 l'Argentière la Bessée (FR).
- (74) PUIROUX, Guy; Cabinet Guiu & Bruder, 68, rue d'Hauteville, F-75010 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 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 PT 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 13/16
- (11) WO 2004/105065 (13) A1
- (21) PCT/JP2004/007131
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-141513 20 May/mai 2003 JP (20.05.2003)
- (30) 2003-180632 25 Jun/juin 2003 JP (25.06.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SEATING DETECTION SWITCH
- COMMUTATEUR DE DETECTION DE SIEGE
- (71) FUJIKURA LTD. [JP/JP]; 5-1, Kiba 1-chome, Koto-ku, Tokyo, 1358512 (JP). 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) KAWAHIRA, Tetsuya [JP/JP]ISHII, Takahiro [JP/JP]KOJIMA, Mikihito [JP/JP]SHINDO, Toyohiko [JP/JP]KUMAKIRI, Naotaka [JP/JP]YOSHIFUKU, Masashi [JP/JP]FURUKAWA, Takashi [JP/JP]KOYOTA, Nobuhiko [JP/JP]TERASAKI, Tsutomu [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 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 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 H01H 19/10, G05G 5/06
- (11) WO 2004/105066 (13) A1
- (21) PCT/EP2004/005551
- (22) 24 May/mai 2004 (24.05.2004)
- (25) de (26) de
- (30) 103 23 544.2 24 May/mai 2003 DE (24.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RATCHET DEVICE FOR AN ELECTRICAL COMPONENT WHICH MAY BE ADJUSTED BY ROTATION
- DISPOSITIF A CRANS D'ARRET POUR UN COMPOSANT ELECTRIQUE POUVANT ETRE AJUSTE PAR ROTATION
- (71) PREH GMBH [DE/DE]; An der Stadthalle, 97616 Bad Neustadt a.d. Saale (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ERDLOFF, Dirk [DE/DE]; Am Kreuzweg 5, 97724 Burglauer (DE).
- (74) THUL, Hermann; Rheinmetall AG, Patentabteilung, Rheinmetall Allee 1, 40476 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 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 H01H 47/00, H02H 9/04

(11) WO 2004/105067 (13) A1

(21) PCT/EP2004/004352

(22) 24 Apr/avr 2004 (24.04.2004)

(25) de (26) de

(30) 103 25 363.7 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SAFETY SWITCHING DEVICE FOR
THE FAILSAFE SHUTDOWN OF AN
ELECTRIC CONSUMER AND CORRE-
SPONDING METHOD

• APPAREIL DE COMMUTATION DE
SECURITE POUR L'ARRET A SECURITE
INTEGREE D'UNE CHARGE
ELECTRIQUE ET PROCEDE CORRES-
PONDANT

(71) PILZ GMBH & CO. [DE/DE]; Fe-
lix-Wankel-Strasse 2, 73760 Ostfildern (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HORNUNG, Guenter [DE/DE]; Lang-
wiesenstrasse 8, 70771 Leinfelden-Echterding-
en (DE).

(74) DUHME, Torsten et al. / etc.; Witte, Weller
& Partner, Postfach 10 54 62, 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 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 H01H 51/06

(11) WO 2004/105068 (13) A1

(21) PCT/CZ2004/000026

(22) 10 May/mai 2004 (10.05.2004)

(25) de (26) de

(30) PV 2003-1396 20 May/mai 2003 CZ
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARRANGEMENT OF THE MOBILE
CORE OF THE SOLENOID OF THE
STARTER SWITCH OF INTERNAL
COMBUSTION ENGINES, COMPRIS-
ING A CONNECTION FOR THE TER-
MINAL BOARD AND ELECTRIC MO-
TOR CONTACTS

• DISPOSITIF A NOYAU MOBILE DE
L'ELECTRO-AIMANT DU COMMUTA-
TEUR DE DEMARREUR POUR MO-
TEURS A COMBUSTION INTERNE,

AVEC CONNEXION DES CONTACTS
DE LA PLANCHETTE A BORNES ET
DU MOTEUR ELECTRIQUE

(71) MAGNETON A.S. [CZ/CZ]; Hulínská 4,
767 53 Kromeriz (CZ).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HNILICA, Miloslav [CZ/CZ]; K.
Rudého 3386/21, 767 01 Kromeriz (CZ).

(74) PRIKRYL, Jaromir; Vcelín 1161, 768 24
Hulín (CZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01H 85/046, 85/042, 85/10

(11) WO 2004/105069 (13) A1

(21) PCT/PL2003/000092

(22) 18 Sep/sep 2003 (18.09.2003)

(25) en (26) en

(30) P-360332 26 May/mai 2003 PL
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A HIGH-VOLTAGE THICK-FILM HIGH
RUPTURING CAPACITY SUBSTRATE
FUSE

• FUSIBLE POUR SUBSTRAT, DU
TYPE HAUTE TENSION EN COUCHE
MINCE ET A CAPACITE DE RUPTURE
ELEVÉE

(71) ABB SP. ZO. O. [PL/PL]; ul. Bitwy Warsza-
wskiej 1920r, nr 18, PL-02-366 Warszawa
(PL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WILNIEWCZYC, Mariusz [PL/PL];
ul. Szkoly Orlat 1/38, PL-03-984 Warszawa
(PL). KALTENBORN, Uwe [CH/CH];
Pilgerstrasse 65, CH-5405 Dättwil (CH).
HOFFMANN, Guido [CH/CH]; Lin-
denstrasse 9, CH-5430 Wettingen (CH).
KALTENEGGER, Kurt [CH/CH]; Chratz-
strasse 12, CH-5426 Lengnau (CH).

(74) CHOCHOROWSKA-WINIARSKA,
Krystyna; ABB Corporate Research, ul.
Starowisla 13 A, PL-31-038 Krakow (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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PT
RO RU SC 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 H01J

(11) WO 2004/105070 (13) A2

(21) PCT/US2004/015079

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,635 15 May/mai 2003 US
(15.05.2003)

(30) 60/470,734 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VUV-EXCITED DEVICE WITH BLUE-
EMITTING PHOSPHOR

• DISPOSITIF EXCITE PAR DES ULTRA-
VIOLETS EXTREMES A L'AIDE D'UN
PHOSPHORE BLEU

(71) OSRAM SYLVANIA INC. [US/US]; 100
Endicott Street, Danvers, MA 01923 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MARKING, Gregory [US/US]; 210
So. Pennsylvania Avenue, Sayre, PA 18840
(US). CHAU, Chung-Nin [US/US]; 111
Walnut Street, Apt. #3, Athens, PA 18810
(US). SNYDER, Thomas [US/US]; R.R.
Box 1472, Laceyville, PA 18623 (US).
NORTHROP, Shellie, K. [US/US]; Larch
Road, Apt. 4, Sayre, PA 18840 (US). FAN,
Chen-Wen [US/US]; 214 Sharon Avenue,
Sayre, PA 18840 (US).

(74) CASTEL, Benoît; c/o Young & Thompson,
745 South 23rd Street, 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 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 H01J 1/62, 63/04

(11) WO 2004/105071 (13) A1

(21) PCT/US2003/023855

(22) 30 Jul/juil 2003 (30.07.2003)

(25) en (26) en

(30) 10/435,775 12 May/mai 2003 US
(12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMAL MANAGEMENT IN ELEC-
TRONIC DISPLAYS

- GESTION THERMIQUE DANS DES DISPOSITIFS ELECTRONIQUES

- (71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).
- (72) **PALANISAMY, Ponnusamy**; 133 Claremont Drive, Lansdale, PA 19446 (US).
- (74) **NIGON, Kenneth, N.**; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01J 9/00

(11) WO 2004/105072 (13) A2

(21) PCT/US2004/014873

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/439,855 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FLOATING MOUNT FOR PLASMA SCREEN
- SUPPORT FLOTTANT POUR ECRAN A PLASMA

(71) **WESTINGHOUSE SAVANNAH RIVER COMPANY** [US/US]; Building 719-4A, Room 150, Aiken, SC 29808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EAKLE, Robert F., Jr.** [US/US]; 1762 Two Notch Road, Aiken, SC 29803 (US).
PAK, Donald J. [US/US]; 3499 Spring Creek Court, Martinez, GA 30907 (US).

(74) **HARDAWAY, John B., III et al.** / etc.; NEXSEN PRUET ADAMS KLEEMEIER LLC, P.O. Box 10107, Greenville, SC 29603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H01J 9/24, 29/87, 31/12

(11) WO 2004/105073 (13) A1

(21) PCT/JP2004/007339

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146760 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PLANAR PANEL DISPLAY SPACER PRODUCING METHOD AND PLANAR PANEL DISPLAY SPACER

- PROCEDE DE PRODUCTION DE DISPOSITIF D'ESPACEMENT D'ECRAN PLAT ET DISPOSITIF D'ESPACEMENT D'ECRAN PLAT

(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) **KAWAGUCHI, Yukio** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **HITOMI, Atsushi** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **TANAKA, Kazumitsu** [JP/JP]; (c/o) TDK Corporation 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **MATSUMOTO, Takao** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **ITO, Masahiro** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **JINGUJI, Kenichi** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **KOYANAGI, Tsutomu** [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **KURACHI, Katsuyuki** [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 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 H01J 11/02, 9/02

(11) WO 2004/105074 (13) A1

(21) PCT/JP2004/007031

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-143042 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PLASMA DISPLAY PANEL AND MANUFACTURING METHOD THEREOF

- PANNEAU D'AFFICHAGE A PLASMA ET PROCEDE DE FABRICATION

(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) **FUJITANI, Morio** **SUMIDA, Keisuke** **MIFUNE, Tatsuo** **ISHINO, Shinichiro** **TACHIBANA, Hiroyuki**

(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 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 H01J 17/49

(11) WO 2004/105075 (13) A1

(21) PCT/KR2004/001190

(22) 19 May/mai 2004 (19.05.2004)

(25) ko (26) en

(30) 10-2003-0031818 20 May/mai 2003 KR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • PDP HAVING ADDITIONAL THIN LAYERS IN THE ELECTRODE PAD

- TELEVISION A ECRAN PLAT A PLASMA CONTENANT DES COUCHES MINCES SUPPLEMENTAIRES DANS LA PLAQUETTE D'ELECTRODE

(71) **ORION PDP CO., LTD.** [KR/KR]; 257 Gongdan-dong, Gumi-si, Gyeongsangbuk-do 730-904 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Seak Ki** [KR/KR]; 82-14 Yongho-1-dong, Nam-gu, Busan 608-832 (KR). **CHANG, Hae Seung** [KR/KR]; #102-904 Daewon Nest Vill, 622 Bongarm-ri Seo-myeon, Yeongi-gun, Choongcheongnam-do 339-813 (KR). **CHOI, Kwang Pyo** [KR/KR]; #112-1505 Woobang Sincheonji Town, Seokjeok-myeon Chilgok-gun, Gyeongsangbuk-do 718-831 (KR).

(74) **HWANG, Eui In**; 10th Floor, Hankook Tire Bldg., 647-15 Yeoksam-dong, Gangnam-gu, Seoul 135-723 (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 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 H01J 31/12, 29/87, 29/06
- (11) WO 2004/105076 (13) A1
- (21) PCT/JP2004/007054
- (22) 18 May/mai 2004 (18.05.2004)
- (25) ja (26) ja
- (30) 2003-141990 20 May/mai 2003 JP
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • IMAGE DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE D'IMAGES
- (71) KABUSHIKI KAISHA TOSHIBA [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) TAKENAKA, Shigeo
[JP/JP]ISHIKAWA, Satoshi
[JP/JP]NIKAIDO, Masaru [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 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 H01J 37/21, 37/22
- (11) WO 2004/105077 (13) A1
- (21) PCT/JP2000/000957
- (22) 21 Feb/fév 2000 (21.02.2000)
- (25) ja (26) ja
- (30) 11/46929 24 Feb/fév 1999 JP
(24.02.1999)
- (30) 11/59474 5 Mar/mar 1999 JP
(05.03.1999)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • HIGH-DENSITY RECORDING SCAN-
NING MICROSCOPE
• MICROSCOPE D'ENREGISTREMENT
A BALAYAGE A HAUTE DENSITE
POUR
- (71, 72) GOTO, Katsuto [JP/JP]; c/o Sanyu
Denshi Co., Ltd., 24-12, Hyakunin-cho

- 2-chome, Shinjuku-ku, Tokyo 169-0073 (JP).
SHIMAYA, Takashi [JP/JP]; c/o Sanyu
Denshi Co., Ltd., 24-12, Hyakunin-cho
2-chome, Shinjuku-ku, Tokyo 169-0073
(JP). HIRANO, Yutaka [JP/JP]; c/o Sanyu
Denshi Co., Ltd., 24-12, Hyakunin-cho
2-chome, Shinjuku-ku, Tokyo 169-0073 (JP).
TESHIMA, Hiroyuki [JP/JP]; c/o Sanyu
Denshi Co., Ltd., 24-12, Hyakunin-cho
2-chome, Shinjuku-ku, Tokyo 169-0073 (JP).
- (74) OKADA, Morihiro; 21-20-603, Taira-
machi 1-chome, Meguro-ku, Tokyo 152-0032
(JP).
- (81) US.
- Published / Publiée : (e) 13May/mai 2003
(13.05.2003), 6563115
-
- (51)⁷ H01J 37/32
- (11) WO 2004/105078 (13) A2
- (21) PCT/CH2004/000300
- (22) 18 May/mai 2004 (18.05.2004)
- (25) en (26) en
- (30) 03405360.3 22 May/mai 2003 EP
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A HIGH DENSITY PLASMA REACTOR
• REACTEUR A PLASMA A HAUTE
DENSITE
- (71) HELYSSEN Sàrl [CH/CH]; c/o Philippe
Guittienne, 63, Avenue Montchoisi, CH-1006
Lausanne (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CHEVALIER, Eric [FR/FR]; 12, route
de Morat, 74290 Veyrier de Lac (FR). GUI-
TTIENNE, Philippe [FR/CH]; 63, Avenue
Montchoisi, CH-1006 Lausanne (CH).
- (74) ROLAND, André; Avenue Tissot 15,
CH-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 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 H01J 37/32, C23C 16/54
- (11) WO 2004/105079 (13) A1
- (21) PCT/FR2004/001121
- (22) 7 May/mai 2004 (07.05.2004)
- (25) fr (26) fr
- (30) 03/06084 21 May/mai 2003 FR
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DEVICE FOR AREA-BASED SUR-
FACE TREATMENT OF AN ARTICLE
BY ELECTRIC DIELECTRIC BARRIER
DISCHARGE

- DISPOSITIF DE TRAITEMENT DE
SURFACE PAR ZONE D'UN ARTICLE
PAR DECHARGE ELECTRIQUE A
BARRIERE DIELECTRIQUE
- (71) L'AIR LIQUIDE SA [FR/FR]; Georges
Claude, 75, quai d'Orsay, F-75321 Paris
Cedex 07 (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) VILLERMET, Alain [FR/FR]; 5,
rue Welschinger, F-78220 Viroflay (FR).
COEURET, François [FR/FR]; 63, boule-
vard Beethoven, Résidence les Symphonies,
F-78280 Guyancourt (FR). DELUMEAU,
Jacques [FR/FR]; Place Claude Lalet,
F-95160 Montmorency (FR).
- (74) MELLUL-BENDELAC, Sylvie et al. / etc.;
L'Air Liquide, S.A., 75, quai d'Orsay, 75321
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 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).
- Published / Publiée : (c)
-
- (51)⁷ H01J 41/12, 29/94, 31/12
- (11) WO 2004/105080 (13) A1
- (21) PCT/JP2004/007062
- (22) 18 May/mai 2004 (18.05.2004)
- (25) ja (26) ja
- (30) 2003-142240 20 May/mai 2003 JP
(20.05.2003)
- (30) 2003-142241 20 May/mai 2003 JP
(20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SPUTTER ION PUMP, PROCESS FOR
MANUFACTURING THE SAME, AND
IMAGE DISPLAY WITH SPUTTER ION
PUMP
• POMPE IONIQUE A PULVERISATION
CATHODIQUE, PROCEDE DE FABRI-
CATION ET AFFICHEUR D'IMAGE
AVEC POMPE IONIQUE A PULVERI-
SATION CATHODIQUE
- (71) KABUSHIKI KAISHA TOSHIBA [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) SEINO, Kazuyuki [JP/JP]SHIMADA,
Yoshiyuki [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 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 H01J 43/18
- (11) WO 2004/105081 (13) A1
- (21) PCT/US2004/015430
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 10/441,939 19 May/mai 2003 US
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FAST RECOVERY ELECTRON MULTI-
PLIER
• MULTIPLICATEUR D'ELECTRONS A
RECUPERATION RAPIDE
- (71) CIPHERGEN BIOSYSTEMS, INC.
[US/US]; 6611 Dumbarton Circle, Fre-
mont, California 94555 (US).
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- (72, 75) KELLER, Craig, A. [US/US]; 3330
Country Drive, #7, Fremont, California
94536 (US). PLOWS, Fiona, L. [GB/US];
907 Clara Drive, Palo Alto, California 94303
(US).
- (74) KUSHA, Babak et al. / etc.; Townsend and
Townsend and Crew LLP, Two Embarcadero
Center, Eighth Floor, San Francisco, Califor-
nia 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 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 H01K 9/00
- (11) WO 2004/105082 (13) A2
- (21) PCT/IB2004/050769
- (22) 25 May/mai 2004 (25.05.2004)
- (25) en (26) en
- (30) 03101517.5 26 May/mai 2003 EP
(26.05.2003)
- (30) 03103831.8 16 Oct/oct 2003 EP
(16.10.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • THORIUM-FREE ELECTRODE WITH
IMPROVED COLOR STABILITY

- ELECTRODE DEPOURVUE DE
THORIUM, PRESENTANT UNE
MEILLEURE STABILITE DE LA COU-
LEUR
- (71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N. V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
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les États désignés sauf DE US)*
- (72, 75) HAACKE, Michael [DE/DE]; c/o
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- (74) VOLMER, Georg; 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 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 H01L
- (11) WO 2004/105083 (13) A2
- (21) PCT/US2004/012245
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/464,458 21 Apr/avr 2003 US
(21.04.2003)
- (30) 60/520,964 17 Nov/nov 2003 US
(17.11.2003)
- (30) 60/560,952 9 Apr/avr 2004 US
(09.04.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SYSTEM AND METHOD FOR FORM-
ING MULTI-COMPONENT DIELEC-
TRIC FILMS
• SYSTEME ET PROCEDE POUR FOR-
MER DES FILMS DIELECTRIQUES A
PLUSIEURS COMPOSANTS
- (71) AVIZA TECHNOLOGY, INC. [US/US];
440 Kings Village Road, Scotts Valley, Cali-
fornia 95066 (US).
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les États désignés sauf US)*
- (72, 75) SENZAKI, Yoshihide [JP/US]; 400
Clubhouse Drive, Aptos, California 95003
(US). PARK, Seung, G. [KR/US]; 34 Silver
Birch Lane, Scotts Valley, California 95066
(US).
- (74) SWIATEK, Maria, S. et al. / etc.; DORSEY
& WHITNEY LLP, 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).
-
- (51)⁷ H01L
- (11) WO 2004/105084 (13) A2
- (21) PCT/US2004/013306
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/440,099 19 May/mai 2003 US
(19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD OF ROOM TEMPERATURE
COVALENT BONDING
• PROCEDE DE LIAISON COVALENTE
A TEMPERATURE AMBIANTE
- (71) ZIPTRONIX, INC. [US/US]; 800 Perimeter
Park Drive, Suite B, Morrisville, NC 27560
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) TONG, Qin-Yi [CN/US]; 3511 Mead-
owrun Drive, Durham, NC 27707 (US).
- (74) KUESTERS, Eckhard, H. et al. / etc.;
Obion, Spivak, McClelland, Maier &
Neustadt, P.C., 1940 Duke Street, Alexandria,
VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H01L
- (11) WO 2004/105085 (13) A1
- (21) PCT/US2004/014698
- (22) 11 May/mai 2004 (11.05.2004)
- (25) en (26) en
- (30) 10/440,445 16 May/mai 2003 US
(16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • HIGH-POWER ULTRASOUND GEN-
ERATOR AND USE IN CHEMICAL
REACTIONS

• GENERATEUR D'ULTRASONS HAUTE
PUISSANCE ET UTILISATION DANS
DES REACTIONS CHIMIQUES

(71) **SULPHCO, INC.** [US/US]; 850 Spice Islands Drive, Sparks, NV 89431 (US).
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(72, 75) **GUNNERMAN, Rudolf, W.** [US/US]; 6601 Lakeside Drive, Reno, NV 89511 (US). **RICHMAN, Charles, I.** [US/US]; 1133 Bueno Vista, Apartment 7B, Reno, NV 89503 (US).

(74) **HEINES, Henry, M.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L

(11) **WO 2004/105086** (13) A2

(21) PCT/US2004/001485

(22) **17 Jan/jan 2004 (17.01.2004)**

(25) en (26) en

(30) 10/438,674 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCHOTTY-BARRIER TUNNELING TRANSISTOR

• TRANSISTOR A EFFET TUNNEL A BARRIERE DE SCHOTTKY

(71, 72) **KOUCHENG, Wu** [CN/US]; 3074 Vesuvius Lane, San Jose, CA 95132 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L

(11) **WO 2004/105087** (13) A2

(21) PCT/US2004/014926

(22) **12 May/mai 2004 (12.05.2004)**

(25) en (26) en

(30) 60/472,032 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHODS FOR ENABLING ROBUST SEPARATION BETWEEN SIGNALS OF INTEREST AND NOISE

• DISPOSITIF ET PROCEDES DESTINES A PERMETTRE UNE SEPARATION ROBUSTE ENTRE DES SIGNAUX D'INTERET ET UN BRUIT

(71) **KLA-TENCOR TECHNOLOGIES CORPORATION** [US/US]; One Technology Drive, Milpitas, California 95035 (US).

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(72, 75) **KUHLMANN, Lionel** [DK/US]; 3562 Amber Drive, San Jose, California 95117 (US). **GAO, Jianbo** [CN/US]; 930 Rockefeller Drive, #5A, Sunnyvale, California 94087 (US). **SWEENEY, Mark, C.** [US/US]; 15 Hawthorne Way, Apt. #210, San Jose, California 95110 (US).

(74) **OLYNICK, Mary, R.**; Beyer Weaver & Thomas, LLP, P.O. BOX 778, Berkeley, California 94704-0788 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L

(11) **WO 2004/105088** (13) A2

(21) PCT/US2004/014981

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,205 **16 May/mai 2003 US (16.05.2003)**

(30) 10/624,295 **22 Jul/juil 2003 US (22.07.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CIRCUIT AND METHOD FOR TRIMMING LOCKING OF INTEGRATED CIRCUITS

• CIRCUIT ET PROCEDE PERMETTANT D'AJUSTER DES CIRCUITS INTEGRES PAR VERROUILLAGE

(71) **O2MICRO, INC.** [US/US]; 3118 Patrick Henry Drive, Santa Clara, CA 95054 (US).

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(72, 75) **SPENEA, Marian Udrea** [RO/US]; 1329 Essex Way, San Jose, CA 95117 (US). **BUCUR, Constantin** [RO/US]; 3429 Santa Barbara Avenue, Santa Clara, CA 95051 (US). **NICULAE, Marian** [RO/US]; 1570 San Tomas Aquino Road, Apartment 39, San Jose, CA 95130 (US). **SIMION, George** [RO/US]; 1075 Ranchero Way #8, San Jose, CA 95117 (US). **MARINESCU, Viorel** [RO/US]; 1560 San Tomas Aquino Road #23, San Jose, CA 95130 (US).

(74) **PFLEGER, Edmund, P.** et al. / etc.; Grossman, Tucker, Perreault & Pfleger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L

(11) **WO 2004/105089** (13) A2

(21) PCT/US2004/015033

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/470,421 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOW CAPACITANCE OVER-VOLTAGE PROTECTION THYRISTOR DEVICE

• DISPOSITIF THYRISTOR DE PROTECTION CONTRE LES SURTENSIONS A FAIBLE CAPACITE

(71) **PAN JIT AMERICAS, INC.** [US/US]; 1702 West 3rd Street, Tempe, AZ 85281 (US).

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(72, 75) **TEMPLETON, George** [US/US]; 1441 West Geneva Drive, Tempe, AZ 85281 (US). **WASHBURN, James** [US/US]; 3337 North 62nd Street, Scottsdale, AZ 85251 (US).

(74) **DOWELL, Ralph, A.**; Dowell & Dowell, P.C., Suite 309, 1215 Jefferson Davis Highway, 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 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 H01L
- (11) WO 2004/105090 (13) A2
- (21) PCT/US2004/015059
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/442,670 20 May/mai 2003 US (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STRUCTURE AND METHOD FOR FORMING A TRENCH MOSFET HAVING SELF-ALIGNED FEATURES
- STRUCTURE ET PROCÉDE DE FORMATION D'UN TRANSISTOR A TRANCHÉES PRESENTANT DES ELEMENTS AUTOALIGNES
- (71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, MS 35-4E, South Portland, Maine 04106-0022 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERRICK, Robert [US/US]; 2536 North 670 West, Lehi, Utah 84043 (US). LOSEE, Becky [US/US]; 4518 West Cherry Court, Cedar Hills, Utah 84062 (US). PROBST, Dean [US/US]; 6399 South April Meadows Drive, West Jordan, Utah 84084 (US).
- (74) SANI, Barmak et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L
- (11) WO 2004/105092 (13) A2
- (21) PCT/US2004/015312
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/438,349 14 May/mai 2003 US (14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • ESD PROTECTION FOR SEMICONDUCTOR PRODUCTS
- PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES POUR PRODUITS SEMI-CONDUCTEURS
- (71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, South Portland, ME 04106 (US).
- (72) CAI, Jun; 20 Longmeadow Road, Scarborough, ME 04074 (US). SUGERMAN, Alvin; 8 Merrill Brook Drive, Scarborough, ME 04074 (US). PARK, Steven; 4 Bentrige Drive, Falmouth, ME 04105 (US).
- (74) FITZGERALD, Thomas, R.; 16 E. Main Street, Suite 210, Rochester, NY 14614-1803 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L
- (11) WO 2004/105091 (13) A2
- (21) PCT/US2004/015098
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 10/440,433 16 May/mai 2003 US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SENSOR USABLE IN ULTRA PURE AND HIGHLY CORROSIVE ENVIRONMENTS
- CAPTEUR POUVANT SERVIR DANS DES MILIEUX ULTRAPURS ET HAUTEMENT CORROSIFS
- (71) ENTEGRIS, INC. [US/US]; 3500 Lyman Boulevard, Chaska, MN 55318 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETERSON, Tom [US/US]; 7020 Sandy Hook Circle, Chanhassen, MN 55317 (US). DIAZ DIAZ, Jorge, Andrés [CR/US]; 1730 New Brighton Blvd. #223, Minneapolis, MN 55416 (US). CUCCI, Gerald, R. [US/US]; 1201 Yale Place, Apt. #1907, Minneapolis, MN 55403 (US).
- (74) JIMENEZ, Jose, W. et al. / etc.; Patterson, Thunte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
- (11) WO 2004/105093 (13) A2
- (21) PCT/US2004/015362
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 10/442,557 20 May/mai 2003 US (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • TETRA-ORGANIC AMMONIUM FLUORIDE AND HF IN SUPERCRITICAL FLUID FOR PHOTORESIST AND RESIDUE REMOVAL
- FLUORURE D'AMMONIUM TETRA-ORGANIQUE ET HF DANS UN FLUIDE SUPERCRITIQUE POUR L'ELIMINATION DE PHOTORESINE ET DE RESIDUS
- (71) SUPERCRITICAL SYSTEMS, INC. [US/US]; 2120 West Guadalupe Road, Gilbert, AZ 85233 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72) SCHILLING, Paul, E.; 8407 Seeno Avenue, Granite Bay, CA 95746 (US).
- (74) HAVERSTOCK, Thomas, B.; Haverstock & Owens LLP, 162 North 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 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 H01L
- (11) WO 2004/105094 (13) A2
- (21) PCT/US2004/015397
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/472,075 20 May/mai 2003 US (20.05.2003)
- (30) 10/618,034 11 Jul/juil 2003 US (11.07.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PHOTONIC CRYSTAL SINGLE TRANSVERSE MODE DEFECT STRUCTURE FOR VERTICAL CAVITY SURFACE EMITTING LASER
- STRUCTURE A DEFAUTS DE CRISTAUX PHOTONIQUES POUR UN FONCTIONNEMENT EN MONOMODE TRANSVERSAL, POUR LASER A CAVITE VERTICALE ET A EMISSION PAR LA SURFACE

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(72, 75) **CHOQUETTE, Kent, D.** [US/US]; 407 Beringer Circle, Urbana, IL 61802 (US).
YOKOUCHI, Noriyuki [JP/JP]; 8-14-23 Konandai, Konan-k, Yokohama 234-0054 (JP).

(74) **FALLON, Steven, P.**; Greer, Burns & Crain, Ltd., Suite 2500, 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 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 H01L

(11) **WO 2004/105095** (13) A2

(21) PCT/US2004/015530

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,406 **16 May/mai 2003 (16.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **THIN-FILM DEPOSITION EVAPORATOR**

• **EVAPORATEUR A DEPOT DE FILM MINCE**

(71) **SVT ASSOCIATES INC.** [US/US]; 7620 Executive Drive, Eden Prairie, MN 55344 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOW, Peter, P.** [US/US]; SVT Associates, INC., 7620 Executive Drive, Eden Prairie, MN 55344 (US). **KLEIN, Don, G.** [US/US]; SVT Associates, INC., 7620 Executive Drive, Eden Prairie, MN 55344 (US). **HARTMANN, Ralf, M.** [US/US]; SVT Associates, INC., 7620 Executive Drive, Eden Prairie, MN 55344 (US). **SHIBATA, Masahiko** [JP/JP]; Tokyo (JP).

(74) **NEILS, Theodore, F. et al.** / etc.; Kinney & Lange, P.A., 312 South Third Street, Minneapolis, MN 55415-1002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H01L

(11) **WO 2004/105096** (13) A2

(21) PCT/US2004/015861

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 10/442,860 **20 May/mai 2003 (20.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **METHOD OF MAKING BARRIER LAYERS**

• **PROCEDE DE PRODUCTION DE COUCHES BARRIERES**

(71) **EKC TECHNOLOGY, INC.** [US/US]; 2520 Barrington Court, Hayward, CA 94545 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALONEY, David, J.** [CA/US]; 4035 Alderwood Court, Pleasanton, CA 94588 (US). **LEE, Wai, Mun** [US/US]; 40898 Abuelo Drive, Fremont, CA 94539 (US). **ROMAN, Paul, J., Jr.** [US/US]; 462 Walck Road, North Tonawanda, NY 14120 (US). **FURY, Michael, A.** [US/US]; 1123 Greenwich Street, San Francisco, CA 94109 (US).

(74) **MCDONALD, James, S. et al.** / etc.; Morgan, Lewis & Bockius LLP, 2 Palo Alto Square, 3000 El Camino Real, Suite 700, 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 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).

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 VN YU ZA ZM ZW 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 H01L

(11) **WO 2004/105097** (13) A2

(21) PCT/US2004/015882

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/471,916 **20 May/mai 2003 (20.05.2003)** US

(30) 60/488,677 **18 Jul/juil 2003 (18.07.2003)** US

(30) 60/560,780 **8 Apr/avr 2004 (08.04.2004)** US

(30) 10/849,347 **19 May/mai 2004 (19.05.2004)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **FABRICATION OF P-TYPE GROUP II-VI SEMICONDUCTORS**

• **FABRICATION DE SEMI-CONDUCTEURS DES GROUPES II-VI DE TYPE P**

(71, 72) **BURGNER, Robert, II** [US/US]; 418 West Winchester Street, Murray, UT 84107 (US). **FELIX, Roger, L.** [US/US]; 2391 North 180 West, Pleasant Grove, UT 84062 (US). **RENLUND, Gary, M.** [US/US]; 2094 East Worchester Drive, Salt Lake City, UT 84121 (US).

(74) **WITT, Evan, R.**; Madson & Metcalf, Suite 900, 15 West South Temple, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L

(11) **WO 2004/105098** (13) A2

(21) PCT/US2004/015883

(22) **20 May/mai 2004 (20.05.2004)**

(25) en (26) en

(30) 60/471,916 **20 May/mai 2003 (20.05.2003)** US

(30) 60/488,677 **18 Jul/juil 2003 (18.07.2003)** US

(30) 60/560,428 **8 Apr/avr 2004 (08.04.2004)** US

(30) 10/849,345 **19 May/mai 2004 (19.05.2004)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **P-TYPE GROUP II-VI SEMICONDUCTOR COMPOUNDS**

• **COMPOSES SEMI-CONDUCTEURS DES GROUPES II-VI DU TYPE P**

(71, 72) **BURGNER, Robert, H., II** [US/US]; 418 West Winchester Street, Murray, UT 84107 (US). **FELIX, Roger, L.** [US/US]; 2391 North 180 West, Pleasant Grove, UT

84062 (US). RENLUND, Gary, M. [US/US]; 2094 East Worchester Drive, Salt Lake City, UT 84121 (US).

(74) WITT, Evan, R.; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L

(11) WO 2004/105099 (13) A2

(21) PCT/US2004/015884

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/471,916 20 May/mai 2003 US (20.05.2003)

(30) 60/488,677 18 Jul/juil 2003 US (18.07.2003)

(30) 60/560,779 8 Apr/avr 2004 US (08.04.2004)

(30) 10/849,348 19 May/mai 2004 US (19.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GROUP II-VI SEMICONDUCTOR DEVICES

• DISPOSITIFS A SEMI-CONDUCTEURS DES GROUPES II-VI

(71, 72) BURGNER, Robert, H., II [US/US]; 418 West Winchester Street, Murray, UT 84107 (US). FELIX, Roger, L. [US/US]; 2391 North 180 West, Pleasant Grove, UT 84062 (US). RENLUND, Gary, M. [US/US]; 2094 East Worchester Drive, Salt Lake City, UT 84121 (US).

(74) WITT, Evan, R.; Madson & Metcalf, Suite 900, 15 West South Temple, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L

(11) WO 2004/105100 (13) A2

(21) PCT/US2004/015913

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,922 20 May/mai 2003 US (20.05.2003)

(30) 60/471,971 20 May/mai 2003 US (20.05.2003)

(30) 60/503,578 17 Sep/sep 2003 US (17.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRAINS OF ABLATION PULSES FROM MULTIPLE OPTICAL AMPLIFIERS

• TRAINS D'IMPULSIONS D'ABLATION PROVENANT D'AMPLIFICATEURS OPTIQUES MULTIPLES

(71) RAYDIANCE, INC. [US/US]; 12565 Research Parkway, Suite 300, Orlando, FL 32826 (US). THE UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION [US/US]; 12443 Research Parkway, Suite 302, Orlando, FL 32826 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELFYETT, Peter [US/US]; 1002 Kelly Creek Circle, Oviedo, FL 32765 (US). STOLTZ, Richard [US/US]; 3321 Swanson Drive, Plano, TX 75025 (US).

(74) FLORES, Edwin et al. / etc.; Chalker Flores, LLP, 12700 Park Central Drive, Suite 455, Dallas, TX 75251 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L

(11) WO 2004/105101 (13) A2

(21) PCT/US2004/005240

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/470,901 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A PROCESS SYSTEM HEALTH INDEX AND METHOD OF USING THE SAME

• INDICE DE SANTE DE SYSTEME DE TRAITEMENT ET PROCEDE D'UTILISATION

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 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) YUE, Hongyu [CN/US]; 5705 Janabyrd Lane, Austin, TX 78479 (US). LAM, Hieu, A. [US/US]; 5808 Abingdon Drive, Richardson, TX 75082 (US).

(74) SACHAR, Surinder; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/00

(11) WO 2004/105102 (13) A1

(21) PCT/DE2004/000945

(22) 5 May/mai 2004 (05.05.2004)

(25) de (26) de

(30) 103 22 772.5 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RETAINING AND POSITIONING DEVICE, AND METHOD FOR MACHINING A DISK-SHAPED OBJECT

• DISPOSITIF DE RETENUE ET DE POSITIONNEMENT ET PROCEDE D'USINAGE D'UN OBJET EN FORME DE DISQUE

(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) PANTOULIER, Walter [DE/DE]; Kolpingstr. 15, 93149 Nittenau (DE). ROIDER, Peter [DE/DE]; Donaustaufstr. 3, 93092 Barbing (DE).

(74) SCHÄFER, Horst; Kanzlei Schweiger & Partner, Karl-Theodor-Str. 69, 80803 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 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 H01L 21/02, 21/3065, 21/205, F16L 23/04, 25/02, 53/00
- (11) WO 2004/105103 (13) A1
- (21) PCT/JP2004/007114
- (22) 19 May/mai 2004 (19.05.2004)
- (25) ja (26) ja
- (30) 2003-145790 23 May/mai 2003 JP (23.05.2003)
- (30) 2003-399372 28 Nov/nov 2003 JP (28.11.2003)
- (30) 2003-401509 1 Dec/déc 2003 JP (01.12.2003)
- (30) 2004-034872 12 Feb/fév 2004 JP (12.02.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SEMICONDUCTOR MANUFACTURING DEVICE AND ITS HEATING UNIT
- DISPOSITIF DE FABRICATION DE SEMI-CONDUCTEURS ET SON MODULE DE CHAUFFAGE
- (71) EAGLE INDUSTRY CO., LTD. [JP/JP]; 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). SUKEGAWA ELECTRIC CO., LTD. [JP/JP]; 19-5, Namekawahoncho 3-chome, Hitachi-shi, Ibaraki 317-0051 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOMINO, Mitsuaki [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). YONEMITSU, Masato [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). SAITO, Kenji [JP/JP]; c/o Eagle Industry Co., Ltd., 12-15, Shiba-Daimon 1-chome, Minato-ku, Tokyo 105-8587 (JP). MIURA, Kuniaki [JP/JP]; c/o Sukegawa Electric Co., Ltd., 19-5, Namekawahoncho 3-chome, Hitachi-shi, Ibaraki 317-0051 (JP). ABE, Yuji [JP/JP]; c/o Sukegawa Electric Co., Ltd., 19-5, Namekawahoncho 3-chome, Hitachi-shi, Ibaraki 317-0051 (JP). ASABA, Makoto [JP/JP]; c/o Sukegawa Electric Co., Ltd., 19-5, Namekawahoncho 3-chome, Hitachi-shi, Ibaraki 317-0051 (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 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).
- 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 VN YU ZA ZM ZW 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 H01L 21/027, 29/06, G03F 7/00, H01L 21/20, 51/40, 21/311, 21/312, H05B 33/10, H01L 21/28
- (11) WO 2004/105104 (13) A1
- (21) PCT/IB2004/050669
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 03101431.9 20 May/mai 2003 EP (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A STRUCTURE FOR A SEMICONDUCTOR ARRANGEMENT AND A METHOD OF MANUFACTURING A SEMICONDUCTOR ARRANGEMENT
- STRUCTURE POUR DISPOSITIF SEMI-CONDUCTEUR ET PROCEDE POUR LA FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR
- (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) DUINEVELD, Paulus, C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GELINCK, Gerwin, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ROLFES, Johannes, G., A.; 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 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).
- 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 VN YU ZA ZM ZW 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 H01L 21/027, G03F 9/00, H01L 21/68, G12B 5/00
- (11) WO 2004/105105 (13) A1
- (21) PCT/JP2004/006823
- (22) 20 May/mai 2004 (20.05.2004)
- (25) ja (26) ja
- (30) 2003-143350 21 May/mai 2003 JP (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • STAGE APPARATUS, EXPOSURE APPARATUS, AND METHOD OF PRODUCING DEVICE
- APPAREIL DE SUPPORT, APPAREIL D'EXPOSITION, ET PROCEDE DE PRODUCTION DE DISPOSITIF
- (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) KONDO, Makoto [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP). HARA, Hideaki [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).
- (74) TATEISHI, Atsuji; TATEISHI & CO., Pasco Building 5th floor, 4-20, Haramachida 5-chome, Machida-shi, Tokyo, 1940013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H01L 21/027, G03F 7/20
- (11) WO 2004/105106 (13) A1
- (21) PCT/JP2004/007415
- (22) 24 May/mai 2004 (24.05.2004)
- (25) ja (26) ja
- (30) 2003-146424 23 May/mai 2003 JP (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • EXPOSURE METHOD, EXPOSURE DEVICE, AND DEVICE MANUFACTURING METHOD
- PROCEDE D'EXPOSITION, DISPOSITIF D'EXPOSITION ET PROCEDE DE FABRICATION DE CE DISPOSITIF
- (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) NAGASAKA, Hiroyuki [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).
- (74) KAWAKITA, Kijuro; Shinjuku MM Building 1-15, Shinjuku 5-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 MK MN MW MX MZ NA NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ
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 H01L 21/027, G03F 7/20

(11) WO 2004/105107 (13) A1

(21) PCT/JP2004/007417

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-146423 23 May/mai 2003 JP
(23.05.2003)

(30) 2003-305280 28 Aug/août 2003 JP
(28.08.2003)

(30) 2004-049231 25 Feb/fév 2004 JP
(25.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EXPOSURE DEVICE AND DEVICE
MANUFACTURING METHOD

• DISPOSITIF D'EXPOSITION ET PRO-
CEDE DE FABRICATION DUDIT DIS-
POSITIF

(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) KOBAYASHI, Naoyuki [JP/JP]; c/o
NIKON CORPORATION, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo, 1008331
(JP). TANIMOTO, Akikazu [JP/JP]; c/o
NIKON CORPORATION, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo, 1008331
(JP). MIZUNO, Yasushi [JP/JP]; c/o
NIKON CORPORATION, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo, 1008331
(JP). SHIRAISHI, Kenichi [JP/JP]; c/o
NIKON CORPORATION, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).
NAKANO, Katsushi [JP/JP]; c/o NIKON
CORPORATION, 2-3, Marunouchi 3-chome,
Chiyoda-ku, Tokyo, 1008331 (JP). OWA,
Soichi [JP/JP]; c/o NIKON CORPORA-
TION, 2-3, Marunouchi 3-chome, Chiyo-
da-ku, Tokyo, 1008331 (JP).

(74) KAWAKITA, Kijuro; Shinjuku MM Build-
ing, 1-15, Shinjuku 5-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 MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 H01L 21/20

(11) WO 2004/105108 (13) A2

(21) PCT/IB2004/001914

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/472,829 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANUFACTURING GALLIUM NI-
TRIDE SUBSTRATES BY LAT-
ERAL OVERGROWTH THROUGH
MASKS AND DEVICES FABRICATED
THEREOF

• FABRICATION DE SUBSTRATS AU NI-
TRURE DE GALLIUM PAR SURCROIS-
SANCE LATÉRALE À TRAVERS DES
MASQUES ET DISPOSITIFS AINSI FA-
BRIQUES

(71) LUMILOG [FR/FR]; Les Moulins, 2720,
chemin de Saint Bernard, F-06220 Vallauris
(FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BEAUMONT, Bernard [FR/FR]; 282,
chemin du Val Martin, F-06560 Valbonne
(FR). FAURIE, Jean-Pierre [FR/FR]; 200,
Impasse des Chênes, F-06560 Valbonne (FR).
GIBART, Pierre [FR/FR]; 284, chemin du
Plan de Clermont, F-06740 Châteauneuf
Grasse (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 21/301

(11) WO 2004/105109 (13) A1

(21) PCT/JP2004/006977

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-144596 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DICING DEVICE

• DISPOSITIF DE DECOUPAGE EN DES

(71) TOKYO SEIMITSU CO., LTD. [JP/JP];
7-1, Shimorenjaku 9-chome, Mitaka-shi,
Tokyo 1818515 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AZUMA, Masayuki [JP/JP]; c/o Tokyo
Seimitsu Co., Ltd., 7-1, Shimorenjaku
9-chome, Mitaka-shi, Tokyo 1818515
(JP). SAKAYA, Yasuyuki [JP/JP]; c/o
Tokyo Seimitsu Co., Ltd., 7-1, Shimorenjaku
9-chome, Mitaka-shi, Tokyo 1818515 (JP).

(74) MATSUURA, Kenzo; Matsuura & Asso-
ciates, P.O. Box 176, Shinjuku Sumitomo
Bldg. 20F, 6-1, Nishi-shinjuku 2-chome,
Shinjuku-ku, Tokyo 1630220 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H01L 21/301

(11) WO 2004/105110 (13) A1

(21) PCT/JP2004/006993

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-144598 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LASER DICING DEVICE

• DISPOSITIF DE DECOUPAGE LASER
EN DES

(71) TOKYO SEIMITSU CO., LTD. [JP/JP];
7-1, Shimorenjaku 9-chome, Mitaka-shi,
Tokyo 1818515 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AZUMA, Masayuki [JP/JP]; c/o Tokyo
Seimitsu Co., Ltd., 7-1, Shimorenjaku
9-chome, Mitaka-shi, Tokyo 1818515
(JP). SAKAYA, Yasuyuki [JP/JP]; c/o
Tokyo Seimitsu Co., Ltd., 7-1, Shimorenjaku
9-chome, Mitaka-shi, Tokyo 1818515 (JP).

(74) MATSUURA, Kenzo; Matsuura & Asso-
ciates, P.O. Box 176, Shinjuku Sumitomo
Bldg. 20F, 6-1, Nishi-shinjuku 2-chome,
Shinjuku-ku, Tokyo 1630220 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H01L 21/302, 21/461

(11) WO 2004/105111 (13) A1

(21) PCT/JP2004/007452

(22) 25 May/mai 2004 (25.05.2004)

(25) ja (26) ja

(30) 2003-147189 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRON BEAM MICROPROCESS-
ING METHOD

• PROCEDE DE MICRO-TRAITEMENT
D'UN FAISCEAU D'ELECTRONS

(71) KWANSEI GAKUIN EDUCATIONAL
FOUNDATION [JP/JP]; 1-155, Uega-
hara-ichiban-cho Nishinomiya-shi, Hyogo,
6628501 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KANEKO, Tadaaki [JP/JP]; 3-1-A210,
Gakuen, Sanda-shi, Hyogo, 6691337 (JP).
SAKAUE, Kiyoshi [JP/JP]; 1-10-203,
Taniguchi-cho, Takarazuka-shi, Hyogo,
6650076 (JP). SANO, Naokatsu [JP/JP];
6-7-5, Mukogaoka, Sanda-shi, Hyogo,
6691544 (JP).

(74) KAJI, Yoshiyuki et al. / etc.; c/o KAJI,
SUHARA & ASSOCIATES, Recruit Shin
Osaka BLDG., 14-22, Nishinakajima
5-chome, Yodogawa-ku, Osaka-shi, Os-
aka 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 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 H01L 21/304, B24B 37/04

(11) WO 2004/105112 (13) A1

(21) PCT/JP2004/002219

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 2003-142276 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SUBSTRATE HOLDING APPARATUS
AND POLISHING APPARATUS

• DISPOSITIF DE MAINTIEN DE SUB-
STRAT ET APPAREIL DE POLISSAGE

(71) EBARA CORPORATION [JP/JP]; 11-1,
Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510
(JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TOGAWA, Tetsuji [JP/JP]; C/o Ebara
Corporation, 11-1, Haneda Asahi-cho,
Ohta-ku, Tokyo, 1448510 (JP). NABEYA,
Osamu [JP/JP]; C/o Ebara Corporation, 11-1,
Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510
(JP).

(74) WATANABE, Isamu et al. / etc.; Gowa
Nishi-shinjuku 4f, 5-8, 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).

(51)⁷ H01L 21/304, B24B 37/00

(11) WO 2004/105113 (13) A1

(21) PCT/JP2004/006859

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-147834 26 May/mai 2003 JP
(26.05.2003)

(30) 2003-150285 28 May/mai 2003 JP
(28.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POLISHING BODY FOR CMP POLISH-
ING, CMP POLISHING APPARATUS,
CMP POLISHING METHOD, AND
METHOD FOR MANUFACTURING
SEMICONDUCTOR DEVICE
• CORPS DE POLISSAGE POUR LE PO-
LISSAGE CMP, APPAREIL DE POLIS-
SAGE CMP, PROCEDE DE POLISSAGE
CMP ET PROCEDE DE PRODUCTION
D'UN DISPOSITIF A SEMI-CONDUCTEUR

(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) HOSHINO, Susumu [JP/JP]; c/o
NIKON CORPORATION, 2-3, Marunouchi
3-Chome, Chiyoda-ku, Tokyo 1008331 (JP).
YOSHIDA, Norio [JP/JP]; c/o NIKON COR-
PORATION, 2-3, Marunouchi 3-Chome,
Chiyoda-ku, Tokyo 1008331 (JP). KITADE,
Yuko [JP/JP]; c/o NIKON CORPORATION,
2-3, Marunouchi 3-Chome, Chiyoda-ku,
Tokyo 1008331 (JP). SHIMODA, Osamu
[JP/JP]; c/o NIKON CORPORATION, 2-3,
Marunouchi 3-Chome, Chiyoda-ku, Tokyo
1008331 (JP). YABUKI, Takeya [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 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 H01L 21/314, 21/31

(11) WO 2004/105114 (13) A1

(21) PCT/JP2004/006749

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-144613 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF FORMING FLUORI-
NATED CARBON FILM

• PROCEDE DE FORMATION D'UN
FILM DE CARBONE FLUORE

(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)*

(71, 72) OHMI, Tadahiro [JP/JP]; 1-17-301,
Komegafukuro 2-Chome, Aoba-Ku,
Sendai-Shi, Miyagi, 9800813 (JP).

(72, 75) HIRAYAMA, Masaki [JP/JP]; 25-21,
Kaigamori 1-Chome, Aoba-Ku, Sendai-Shi,
Miyagi, 9810942 (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 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 H01L 21/318, 21/205

(11) WO 2004/105115 (13) A1

(21) PCT/JP2004/007311

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-148332 26 May/mai 2003 JP
(26.05.2003)

(30) 2004-045508 20 Feb/fév 2004 JP
(20.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CVD METHOD FOR FORMING SILICON NITRIDE FILM

- PROCEDE DE DEPOT CHIMIQUE EN PHASE VAPEUR PERMETTANT DE FORMER UN FILM DE NITRURE DE SILICIUM

(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) KATO, Hitoshi [JP/JP]; FUKUSHIMA, Kohei [JP/JP]; YONEZAWA, Masato [JP/JP]; HIRAGA, Junya [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 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 H01L 21/336, 29/78, 21/316, 21/304

(11) WO 2004/105116 (13) A1

(21) PCT/JP2004/007075

(22) 24 May/mai 2004 (24.05.2004)

(25) ja (26) ja

(30) 2003-148275 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • P-CHANNEL POWER MIS FIELD EFFECT TRANSISTOR AND SWITCHING CIRCUIT

- TRANSISTOR A EFFET DE CHAMP MIS DE PUISSANCE A CANAL P ET CIRCUIT DE COMMUTATION

(71) YAZAKI CORPORATION [JP/JP]; 4-28, 1-chome Mita, Minato-ku, Tokyo 1088333 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) OHMI, Tadaihiro [JP/JP]; 1-17-301, Komegafukuro 2-chome., Aoba-ku, Sendai-shi, Miyagi 9800813 (JP).

(72, 75) TERAMOTO, Akinobu [JP/JP]; 1-22-K6, Heisei 1-chome, Miyagino-ku, Sendai-shi, Miyagi 9830037 (JP). AKAHORI, Hiroshi [JP/JP]; 148-4-701, Sachi-gaoka, Asahi-ku, Yokohama-shi Kanagawa 2410822 (JP). NII, Keiichi [JP/JP]; 23-45-C203, Nishinodaira 2-chome, Taihaku-ku, Sendai-shi, Miyagi 9820825 (JP). WATANABE, Takanori [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 4101194 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-

Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1000014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 H01L 21/50

(11) WO 2004/105117 (13) A2

(21) PCT/DE2004/001045

(22) 19 May/mai 2004 (19.05.2004)

(25) de (26) de

(30) 103 22 751.2 19 May/mai 2003 DE (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRODUCTION OF AN OPTOELECTRONIC COMPONENT THAT IS ENCLOSED IN PLASTIC, AND CORRESPONDING METHODS

- PRODUCTION D'UN COMPOSANT OPTOELECTRONIQUE FERME, EN MATIERE PLASTIQUE, ET PROCEDES CORRESPONDANTS

(61) DE PCT/DE04/1045 (POA) 19 May/mai 2004 (19.05.2004)

(71) X-FAB SEMICONDUCTOR FOUNDRIES AG [DE/DE]; Haabergerstrasse 67, 99097 Erfurt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUETTNER, Siegfried [DE/DE]; Paulinzeller Weg 32, 99097 Erfurt (DE). KNECHTEL, Roy [DE/DE]; Geraer Strasse 23, 98716 Geraberg (DE).

(74) LEONHARD OLGEMOELLER FRICKE et al. / etc.; Postfach 10 09 62, 80083 Muenchen (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 21/56

(11) WO 2004/105118 (13) A1

(21) PCT/US2004/012019

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/438,526 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • STENCIL AND METHOD FOR DEPOSITING MATERIAL ONTO A SUBSTRATE

- POCHOIR ET PROCEDE DE DEPOT DE MATIERE SUR UN SUBSTRAT

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) WATSON, Jeffrey; 1102 East Thunderhill Place, Phoenix, AZ 85048 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 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 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 H01L 21/58

(11) WO 2004/105119 (13) A2

(21) PCT/EP2004/004879

(22) 7 May/mai 2004 (07.05.2004)

(25) de (26) de

(30) 103 23 842.5 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR THE PRODUCTION OF A CHIP ARRANGEMENT AND VARNISH FOR CARRYING OUT SAID METHOD

- PROCEDE DE PRODUCTION D'UN ENSEMBLE DE PUCES ET VERNIS PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

(71) MICRONAS HOLDING GMBH [DE/DE]; Hans-Bunte-Strasse 19, 79108 Freiburg i.Br. (DE).

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(72, 75) KLAPPROTH, Holger [DE/DE]; Kehlerstrasse 12, 79108 Freiburg (DE).

(74) HUWER, Andreas; Grünwalderstrasse 10-14, Postfach 1305, 79013 Freiburg i.Br. (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 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).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ H01L 21/60

(11) WO 2004/105120 (13) A1

(21) PCT/JP2003/006298

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • LSI PACKAGE, LSI DEVICE TESTING METHOD, SEMICONDUCTOR DEVICE MANUFACTURING METHOD
• BOITIER LSI, PROCEDE DE MISE A L'ESSAI DE DISPOSITIFS LSI, PROCEDE DE FABRICATION DE DISPOSITIFS A 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) MARUYAMA, Shigeyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NISHINO, Toru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TASHIRO, Kazuhiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (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) CN JP US.

(51)⁷ H01L 21/768

(11) WO 2004/105121 (13) A1

(21) PCT/GB2004/001933

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/443,709 22 May/mai 2003 US (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR MANUFACTURING A MULTI-LEVEL INTERCONNECT STRUCTURE

• PROCEDE DE FABRICATION D'UNE STRUCTURE D'INTERCONNEXION MULTINIVEAU

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 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 P06 3AU (GB).
(only for / seulement pour MG)

(72, 75) HORAK, David, Vaclav [US/US]; 47 Briar Lane, Essex Junction, VT 05452 (US). KOBURGER, Charles, William [US/US]; 74 Bixby Hill Road, Essex Junction, VT 05452-2213 (US). MITCHELL, Peter [US/US]; 390 Vermont Route 15, Jericho, VT 05465 (US). NESBIT, Larry, Alan [US/US]; 458 Wildflower Circle, Williston, VT 05495 (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 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 H01L 21/768, 23/522

(11) WO 2004/105122 (13) A1

(21) PCT/IB2004/050715

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101507.6 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD OF MANUFACTURING A SUBSTRATE, HAVING A POROUS DIELECTRIC LAYER AND AIR GAPS, AND A SUBSTRATE

• PROCEDE DE FABRICATION D'UN SUBSTRAT PRESENTANT UNE COUCHE DIELECTRIQUE POREUSE ET DES ENTREFERS ET SUBSTRAT 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) DAAMEN, Roel [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VERHEIJDEN, Greja, J., A., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, 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 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).

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 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 H01L 21/768, 21/3205, 21/316

(11) WO 2004/105123 (13) A1

(21) PCT/JP2003/006357

(22) 21 May/mai 2003 (21.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • SEMICONDUCTOR DEVICE

• DISPOSITIF A SEMI-CONDUCTEURS

(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) NAKATA, Yoshihiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUZUKI, Katsumi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUGIURA, Iwao [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YANO, Ei [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 US.

(51)⁷ H01L 21/768

(11) WO 2004/105124 (13) A1

(21) PCT/US2004/013507

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/439,415 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHODS OF PORE SEALING AND METAL ENCAPSULATION IN POROUS LOW K INTERCONNECT

• PROCEDES D'OBTURATION DE PORES ET D'ENCAPSULATION METALLIQUE D'INTERCONNEXIONS

POREUSES A FAIBLE PERMITTIVITE
(≤ LOW K ≥)

(71) **JSR MICRO, INC.** [US/US]; 1280 North Mathilda Avenue, Sunnyvale, CA 94089-1213 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERNG, Dung-Ching** [US/US]; 263 Rosado Road, Fremont, CA 94539 (US).

(74) **WININGER, Aaron et al.** / etc.; Squire, Sanders & Dempsey L.L.P., 600 Hansen Way, Palo Alto, CA 94304-1043 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **H01L 23/00**

(11) **WO 2004/105125** (13) A2

(21) PCT/IB2004/050716

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 03101515.9 **26 May/mai 2003 EP (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEMICONDUCTOR DEVICE, METHOD OF AUTHENTICATING AND SYSTEM

• DISPOSITIF A SEMI-CONDUCTEURS, PROCÉDE D'AUTHENTIFICATION ET SYSTÈME 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) **TUYLS, Pim, T.** [BE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KEVENAAR, Thomas, A., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE JONGH, Petra, E.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WOLTERS, Robertus, A., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ELEVELD, Koop, 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 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).

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 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 LUMC NL PL PT 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 23/049, 25/11**

(11) **WO 2004/105126** (13) A1

(21) PCT/US2004/015685

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,662 **19 May/mai 2003 US (19.05.2003)**

(30) 10/846,011 **14 May/mai 2004 US (14.05.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMAL TRANSFER CONTAINER FOR SEMICONDUCTOR COMPONENT

• RECIPIENT DE TRANSFERT THERMIQUE POUR UN COMPOSANT A SEMI-CONDUCTEUR

(71) **WETHERILL ASSOCIATES, INC.** [US/US]; 1101 Enterprise Drive, Royersford, PA 19468 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **MALANGA, Robert**; 680 Elm Shadow Way, Lake Mary, FL 32746 (US). **NGUYEN, An Huu**; 5748 Rywood Drive, Orlando, FL 32810 (US). **LASEK, John, P.**; 757 Hawks Ridge Road, Port Orange, FL 32127 (US). **VAN MAI, Toan**; 13018 Jewelstone Way, Orlando, FL 32828 (US). **OROPEZA, Frank, C.**; 1505 Emerald Island Point, Apopka, FL 32703 (US). **OROPEZA, Frank, W.**; 1097 Highland Acres, Apopka, FL 32703 (US).

(74) **WARTHER, Richard, K. et al.** / etc.; 255 S. Orange Avenue, Suite 1401, Orlando, FL 32801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **H01L 23/053**

(11) **WO 2004/105127** (13) A1

(21) PCT/US2004/010753

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) en (26) en

(30) 10/438,968 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEMICONDUCTOR DIE PACKAGE WITH INCREASED THERMAL CONDUCTION

• BOITIER EN FORME DE DE A SEMI-CONDUCTEURS A CONDUCTION THERMIQUE AMELIOREE

(71) **SKYWORKS SOLUTIONS, INC.** [US/US]; 5221 California Avenue, Irvine, CA 92612 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETTY-WEEKS, Sandra, L.** [US/US]; 262 Cedar St., Newport Beach, CA 92663 (US).

(74) **FARJAMI, Michael**; Farjami & Farjami LLP, 26522 La Alameda Ave., Suite 360, Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK 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 23/12**

(11) **WO 2004/105128** (13) A1

(21) PCT/JP2003/006259

(22) **20 May/mai 2003 (20.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEMICONDUCTOR PACKAGE

• BOITIER 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) **IKEUCHI, Tadashi** [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 H01L 23/36

(11) WO 2004/105129 (13) A1

(21) PCT/JP2003/006450

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRINTED CIRCUIT BOARD UNIT AND METHOD OF MANUFACTURING THE UNIT

• UNITE DE CARTE DE CIRCUITS IMPRIMES ET SON PROCEDE DE PRODUCTION

(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) SO, Tsuyoshi [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUJISAKI, Akihiko [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) YAMAZAKI, Kaoru; Suite 403, New Kudan Mansion, 6-13, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) JP US.

(51)⁷ H01L 23/473, H05K 7/20, G06F 1/20

(11) WO 2004/105130 (13) A1

(21) PCT/JP2004/007290

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003-147260 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COOLING DEVICE WITH A CENTRIFUGAL PUMP FOR COOLING ELECTRONIC DEVICES

• DISPOSITIF DE REFROIDISSEMENT ET POMPE CENTRIFUGE UTILISABLE DANS LE DISPOSITIF

(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) KOGA, ShinyaSAKAI, ToshisukeNIWATSUKINO, KyoKUBOTA, Toshiyuki

(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 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 H01L 23/48, 23/52, 29/40, 21/44, 21/48, 21/50

(11) WO 2004/105131 (13) A1

(21) PCT/US2003/023755

(22) 30 Jul/juillet 2003 (30.07.2003)

(25) en (26) en

(30) 10/435,960 12 May/mai 2003 US (12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOW-COST CIRCUIT BOARD MATERIALS AND PROCESSES FOR AREA ARRAY ELECTRICAL INTERCONNECTIONS OVER A LARGE AREA BETWEEN A DEVICE AND THE CIRCUIT BOARD

• MATIERES POUR CARTES DE CIRCUITS IMPRIMES PEU COUTEUSES ET PROCEDE POUR INTERCONNECTIONS ELECTRIQUES DE RESEAUX DE STRUCTURES SUR UNE LARGE STRUCTURE ENTRE UN DISPOSITIF ET LA CARTE DE CIRCUIT IMPRIME

(71) SARNOFF CORPORATION [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543-5300 (US).

(72) PALANISAMY, Ponnusamy; 133 Claremont Drive, Lansdale, PA 19446 (US).

(74) NIGON, Kenneth, N.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 23/485, 21/603

(11) WO 2004/105132 (13) A1

(21) PCT/IB2004/001596

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03291188.5 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN ELECTRICAL CONNECTION FOR A MICROELECTRONIC CHIP, AND A METHOD FOR MANUFACTURING SUCH A CONNECTION

• CONNEXION ELECTRIQUE POUR PUCE MICROELECTRONIQUE ET SON PROCEDE DE FABRICATION

(71) AXALTO SA [FR/FR]; 50, avenue Jean Jaurès, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)(71) SCHLUMBERGER MALCO, INC. [US/US]; 9800 Reistertown road, Owings Mills, MD 21117 (US).
(only for / seulement pour MC)

(72, 75) GROENINCK, Denis [FR/FR]; Les Hautes Courcelles, F-45240 Ligny le Ribault (FR). BONVALOT, Béatrice [FR/FR]; 22 rue du Royaume, F-91440 Bures sur Yvette (FR).

(74) AXALTO SA; Vincent YQUEL, 50 avenue Jean-Jaurès, F-92120 Montrouge (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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 23/485, 21/607

(11) WO 2004/105133 (13) A1

(21) PCT/IB2004/001719

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 03291256.0 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WIRE BONDING ON IN-LINE CONNECTION PADS

• PROCEDE DE SOUDAGE DES CONNEXIONS SUR DES PLOTS DE CONNEXION EN LIGNE

(71) AXALTO SA [FR/FR]; 50, avenue Jean Jaurès, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROENINCK, Denis [FR/FR]; Les Hautes Courcelles, F-45240 Ligny le Ribault (FR).

(74) AXALTO SA; Vincent YQUEL, 50 avenue Jean-Jaurès, F-92120 Montrouge (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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 25/065, 23/13, 21/98

(11) WO 2004/105134 (13) A1

(21) PCT/SG2003/000120

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • An integrated circuit package
• BOITIER DE CIRCUIT INTEGRE

(71) INFINEON TECHNOLOGIES AG
[DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIN, Tiang Hock [MY/SG]; 142, Marsiling Road #08-2098, Singapore 730142 (SG).

(74) WATKIN, Timothy, Lawrence, Harvey; Lloyd Wise, Tanjong Pagar P.O. Box 636, Singapore 910816 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 :

(u) for / pour US only / seulement

(51)⁷ H01L 27/08, 21/02

(11) WO 2004/105135 (13) A1

(21) PCT/US2004/000764

(22) 9 Jan/jan 2004 (09.01.2004)

(25) en (26) en

(30) 10/440,605 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF FORMING RESISTIVE STRUCTURES

• PROCEDE DE FORMATION DE STRUCTURES RESISTIVES

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mailstop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, David, Donggang [US/US]; 10222 Dianella Lane, Austin, TX 78759 (US).
CHEEK, Jon, D. [—/US]; 11441 Carnelian Drive, Austin, TX 78739 (US).

(74) DRAKE, Paul, S.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 27/146

(11) WO 2004/105136 (13) A1

(21) PCT/EP2004/050587

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fr (26) fr

(30) 03 06202 23 May/mai 2003 FR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MATRIX IMAGE RECORDER USING CMOS TECHNOLOGY

• CAPTEUR D'IMAGE MATRICIEL EN TECHNOLOGIE CMOS

(71) ATMEL GRENOBLE [FR/FR]; Avenue de Rochepleine, F-38120 Saint Egreve (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRISSOT, Louis [FR/FR]; Thales Intellectual Property, 31-33, Avenue Aristide Briand, F-Arcueil (FR).

(74) GUERIN, Michel et al. / etc.; Thales Intellectual Property, 31-33, Avenue Aristide Briand, F-94117 Arcueil (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 H01L 27/146, H04N 5/335

(11) WO 2004/105137 (13) A1

(21) PCT/JP2004/007332

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146663 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PHOTO-DETECTION DEVICE

• DISPOSITIF DE PHOTODETECTION

(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) SUZUKI, Yasuhiro [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).
MIZUNO, Seiichi [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01L 29/51, 21/28

(11) WO 2004/105138 (13) A1

(21) PCT/US2003/040674

(22) 18 Dec/déc 2003 (18.12.2003)

(25) en (26) en

(30) 10/431,166 6 May/mai 2003 US (06.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD FOR MAKING A SEMI-CONDUCTOR DEVICE HAVING A METAL GATE ELECTRODE

• PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR POSSEDANT UNE ELECTRODE GACHETTE METALLIQUE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) CHAU, Robert; 8875 Southwest 171st Avenue, Beaverton, OR 97007 (US).
DOCZY, Mark; 2922 Northwest Norwalk Place, Beaverton, OR 97006 (US).
KUHN, Markus; 19355 Northwest Melrose Drive, Portland, OR 97229 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/772

(11) WO 2004/105139 (13) A1

(21) PCT/KR2003/002893

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 10-2003-0031903 20 May/mai 2003 KR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FIELD EFFECT TRANSISTOR USING INSULATOR-SEMICONDUCTOR TRANSITION MATERIAL LAYER AS CHANNEL MATERIAL AND METHOD OF MANUFACTURING THE SAME

• TRANSISTOR A EFFET DE CHAMP UTILISANT UNE COUCHE DE MATERIAU DE TRANSITION ISOLANTE ET SEMI-CONDUCTRICE EN TANT QUE CANAL ET SON PROCEDE DE FABRICATION

- (71) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE [KR/KR]; 161, Gajeong-dong, Yusong-gu, 305-350 Daejeon-city (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KIM, Hyun-Tak [KR/KR]; 206-1505 Expo Apt., Jeonmin-dong, Yusong-gu, 305-390 Daejeon-city (KR). KANG, Kwang-Yong [KR/KR]; 110-802 Hanwool Apt., Shinsung-dong, Yusong-gu, 305-345 Daejeon-city (KR). YOUN, Doo-Hyeb [KR/KR]; 104-1203 Expo Apt., Jeonmin-dong, Yusong-gu, 305-761 Daejeon-city (KR). CHAE, Byung-Gyu [KR/KR]; Rm. 201 Hanhwa Villa 149-11, Shinsung-dong, Yusong-gu, 305-345 Daejeon-city (KR).

- (74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, 137-874 Seoul (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01L 29/786, 21/336, 29/06, B82B 3/00

- (11) WO 2004/105140 (13) A1

- (21) PCT/JP2003/006379

- (22) 22 May/mai 2003 (22.05.2003)

- (25) ja (26) ja

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FIELD-EFFECT TRANSISTOR AND ITS MANUFACTURING METHOD
• TRANSISTOR A EFFET DE CHAMP ET PROCEDE DE FABRICATION

- (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) NIHEI, Mizuhisa [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

- (74) HIROTA, Koichi; Hirota, Nagare & Associates, Shin-Yoyogi Bldg. 206, 19-12, Yoyogi 1-chome, Shibuya-ku, Tokyo 151-0053 (JP).

- (81) JP US.

- (51)⁷ H01L 31/04

- (11) WO 2004/105141 (13) A1

- (21) PCT/JP2004/006725

- (22) 19 May/mai 2004 (19.05.2004)

- (25) ja (26) ja

- (30) 2003-144205 22 May/mai 2003 JP (22.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • ELECTRODE WIRE MATERIAL AND SOLAR BATTERY HAVING CONNECTION LEAD FORMED OF THE WIRE MATERIAL

• MATERIAU DE FIL-ELECTRODE ET BATTERIE SOLAIRE MUNIE D'UN FIL DE CONNEXION CONSTITUE DU MATERIAU DE FIL

- (71) NEOMAX CO., LTD. [JP/JP]; 7-19, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SHIOMI, Kazuhiro [JP/JP]; c/o SUITA WORKS, NEOMAX CO., LTD., 19-1, Minamisuita 2-chome, Suita-shi, Osaka, 5640043 (JP). FUJITA, Toshiaki [JP/JP]; c/o SUITA WORKS, NEOMAX CO., LTD., 19-1, Minamisuita 2-chome, Suita-shi, Osaka, 5640043 (JP). ISHIO, Masaaki [JP/JP]; c/o SUITA WORKS, NEOMAX CO., LTD., 19-1, Minamisuita 2-chome, Suita-shi, Osaka, 5640043 (JP).

- (74) HONDA, Tatsuo; HONDA PATENT OFFICE, Shin-Osaka Maru Bldg. Shinkan 6F, 18-27, Higashinakajima 1-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka, 5330033 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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 H01L 33/00

- (11) WO 2004/105142 (13) A1

- (21) PCT/JP2004/007535

- (22) 26 May/mai 2004 (26.05.2004)

- (25) en (26) en

- (30) 2003-148050 26 May/mai 2003 JP (26.05.2003)

- (30) 2003-298007 21 Aug/août 2003 JP (21.08.2003)

- (30) 2003-394451 25 Nov/nov 2003 JP (25.11.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • LIGHT-EMITTING DEVICE

• COMPOSANT ELECTROLUMINESCENT

- (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) HASHIMOTO, Takuma [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). SUGIMOTO, Masaru [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). YOKOTANI, Ryoji [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). NISHIOKA, Koji [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). IWAHORI, Yutaka [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). ISHIZAKI, Shinya [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). SUZUKI, Toshiyuki [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). UCHINONO, Yoshiyuki [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). MUTO, Masahide [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). MORI, Satoshi [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). KIMURA, Hideyoshi [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ H01L 35/04, 35/16, 35/18, 35/32

(11) WO 2004/105143 (13) A1

(21) PCT/US2004/014879

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/440,992 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LOW POWER THERMOELECTRIC GENERATOR

• GENERATEUR THERMOELECTRIQUE DE FAIBLE PUISSANCE

(71) APPLIED DIGITAL SOLUTIONS [US/US]; 5750 Division Street #207, Riverside, California 92506 (US).

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(72, 75) STARK, Ingo [DE/DE]; Veilchenweg 23, 8903 Halle (DE). ZHOU, Peter [US/US]; 7237 Boice Lance, Riverside, California 92506 (US).

(74) O'NEILL, Sean; Stetina Brunda Garred & Brucker, Aliso Viejo, CA 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 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 H01L 35/22, 35/34, C04B 35/495, 35/50

(11) WO 2004/105144 (13) A1

(21) PCT/JP2004/007107

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-141717 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMOELECTRIC MATERIAL AND METHOD FOR PRODUCING SAME

• MATERIAU THERMOELECTRIQUE ET SON PROCEDE DE PRODUCTION

(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) ADACHI, Hideaki; SUGITA, Yasunari; YOTSUHASHI, Satoshi; KANNO, Tsutomu

(74) KAMADA, Koichi et al. / etc.; 7th Fl., TOMOE MARION BLDG., 4-3-1, Nishitenma, Kita-ku, Osaka-shi, Osaka 530-0047 (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 MK MN MW MX MZ NA NI NO NZ 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 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 H01L 35/32, 35/16, 23/38, F25B 21/02

(11) WO 2004/105145 (13) A1

(21) PCT/JP2004/006938

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146281 23 May/mai 2003 JP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • THERMOELECTRIC ELEMENT-USED COOLING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE REFROIDISSEMENT METTANT EN OEUVRE UN ELEMENT THERMOELECTRIQUE

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku Tokyo, 1008921 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YABE, Akira [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 1-1, Higashi-1-chome, Tsukuba-shi, Ibaraki, 3058561 (JP). OBA, Masakazu [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, 1-1, Higashi-1-chome, Tsukuba-shi, Ibaraki, 3058561 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H01L 35/34

(11) WO 2004/105146 (13) A1

(21) PCT/IB2004/050710

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101497.0 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF MANUFACTURING A THERMOELECTRIC DEVICE AND

THERMOELECTRIC DEVICE OBTAINED BY MEANS OF SUCH A METHOD

• PROCEDE DE FABRICATION D'UN DISPOSITIF THERMOELECTRIQUE ET DISPOSITIF THERMOELECTRIQUE OBTENU SELON CE PROCEDE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OUWERKERK, Martin [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DEKKER, Ronald [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MELLIER, Maxime, R., L. [FR/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). EGNER, Sebastian [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LASANCE, Clemens, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, 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 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).

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 VN YU ZA ZM ZW 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 H01L 39/24, B05D 5/12

(11) WO 2004/105147 (13) A1

(21) PCT/US2003/002077

(22) 23 Jan/jan 2003 (23.01.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR PREPARING ATOMISTICALLY STRAIGHT BOUNDARY JUNCTIONS IN HIGH TEMPERATURE SUPERCONDUCTING OXIDES

• PROCEDE DE PREPARATION DE JONCTIONS FRONTIERES ATOMISTIQUES RECTILIGNES DANS DES

OXYDES SUPRACONDUCTEURS DE TEMPERATURE ELEVEE

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

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(72, 75) **CHAN, Siu-Wai** [US/US]; 69 Ross Avenue, Demarest, NJ 07627 (US).

(74) **TANG, Henry** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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 41/107, G06F 3/03, 3/033

(11) **WO 2004/105148** (13) A1

(21) PCT/JP2003/006425

(22) **22 May/mai 2003 (22.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **PIEZOELECTRIC DEVICE, ITS MANUFACTURING METHOD, AND TOUCH PANEL DEVICE**

• **DISPOSITIF PIEZOELECTRIQUE, PROCEDE DE FABRICATION DUDIT DISPOSITIF ET DISPOSITIF A ECRAN TACTILE**

(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) **KATSUKI, Takashi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **NAKAZAWA, Fumihiko** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SANO, Satoshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TAKAHASHI, Yuji** [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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 51/10

(11) **WO 2004/105149** (13) A1

(21) PCT/US2004/015270

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 60/471,020 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **BARRIER FILMS FOR PLASTIC SUBSTRATES FABRICATED BY ATOMIC LAYER DEPOSITION**

• **FILMS BARRIERES POUR SUBSTRATS EN PLASTIQUE FABRIQUES PAR DEPOT DE COUCHES ATOMIQUES**

(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) **CARCIA, Peter, Francis** [US/US]; 3413 Sweetbriar Road, Wilmington, Delaware 19810 (US). **MCLEAN, Robert, Scott** [US/US]; 208 Eileen's Way, Hockessin, Delaware 19707 (US).

(74) **SIEGELL, Barbara, 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 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).

Published / Publiée : (c)

(51)⁷ H01L 51/30, 51/52, H01B 1/12, C08G 61/12, 73/02, C08K 3/10

(11) **WO 2004/105150** (13) A1

(21) PCT/US2004/016409

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 60/471,797 **19 May/mai 2003 US (19.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **HOLE TRANSPORT COMPOSITION**

• **COMPOSITION DE TRANSPORT DE TROUS**

(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) **HSU, Che-Hsiung** [US/US]; 4803 Mermaid Boulevard, Wilmington, DE 19808 (US). **LANG, Charles, D.** [US/US]; 6203 Stow Canyon Road, Goleta, CA 93117 (US). **PARKER, Ian, D.** [GB/US]; 3025 Hermosa Road, Santa Barbara, CA 93105 (US).

(74) **CAPRIA, Mary Ann**; 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 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 H01M

(11) **WO 2004/105151** (13) A2

(21) PCT/IL2004/000146

(22) **18 Feb/fév 2004 (18.02.2004)**

(25) en (26) en

(30) 156063 **22 May/mai 2003 IL (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • **UNIVERSAL PORTABLE BATTERY PACK FOR ELECTRICAL HAND HELD DEVICE**

• **BLOC DE PILES PORTATIF UNIVERSEL POUR DISPOSITIF ELECTRIQUE A MAIN**

(71) **S.I. PLANNING & INTERNATIONAL TRADE CO. LTD** [IL/IL]; P.O. Box 53400, 91534 Jerusalem (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **AFLALO, Shlomi** [IL/IL]; P.O. Box 53400, 91534 Jerusalem (IL). **AFLALO, Yehuda** [IL/IL]; P.O. Box 53400, 91534 Jerusalem (IL).

(74) **S.I. PLANNING & INTERNATIONAL TRADE CO. LTD**; P.O. Box 53400, 91534 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 PT 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 2004/105152 (13) A2

(21) PCT/JP2004/007294

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-145346 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NONAQUEOUS ELECTROLYTE SEC-
ONDARY BATTERY AND METHOD
FOR PRODUCING SAME

• ACCUMULATEUR A ELECTROLYTE
NON AQUEUX ET PROCEDE DE PRO-
DUCTION

(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) SATO, Toshitada SHIMAMURA,
Harunari OHYAMA, Hideaki BITO, Ya-
suhiko

(74) IKEUCHI SATO & PARTNER PATENT
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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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 H01M

(11) WO 2004/105153 (13) A2

(21) PCT/KR2004/001194

(22) 21 May/mai 2004 (21.05.2004)

(25) ko (26) en

(30) 10-2003-0033064 23 May/mai 2003 KR
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICRO/NANO FLUIDIC 3-DIMEN-
SIONAL ELECTRODE SYSTEM

• SYSTEME D'ELECTRODE TRIDIMEN-
SIONNEL MICRO/NANO FLUIDIQUE

(71) ALL MEDICUS CO., LTD [KR/KR];
7106, Dongil-Technotown 7th, 823,
Gwanyang-dong, Dongan-gu, Anyang-si,
Kyunggi-do 431-062 (KR). KOREA AD-
VANCED INSTITUTE OF SCIENCE
AND TECHNOLOGY [KR/KR]; 373-1,
Goosung-dong, Yuseong-gu, Daejeon-si
305-701 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PARK, Je-Kyun [KR/KR]; 610-1102,
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Yuseong-gu, Daejeon-si 305-330 (KR). YI,
Yu-Heon [KR/KR]; 426-16, Juan4-dong,
Nam-gu, Incheon-si 402-843 (KR). KANG,
Seung-Joo [KR/KR]; 215-904 Family APT.,
150, Moonjung-dong, Songpa-gu, Seoul
138-200 (KR).

(74) LEE, Ki-Sung; 3rd Fl., Dongbo Bldg., 647-8
Yoksam-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 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 H01M

(11) WO 2004/105154 (13) A2

(21) PCT/US2003/025517

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 60/403,218 13 Aug/août 2002 US
(13.08.2002)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF FORMING FREESTAND-
ING THIN CHROMIUM COMPO-
NENTS FOR AN ELECTROCHEMICAL
CONVERTER

• PROCEDE DE FORMATION DE COM-
POSANTS A BASE DE CHROME,
MINCES, AUTOPOREURS, POUR
CONVERTISSEUR ELECTROCHI-
MIQUE

(71) ZTEK CORPORATION [US/US]; 300
West Cummings Park, Woburn, MA 01801
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RAMIREZ, Alfred [US/US]; c/o In-
tertec Southwest, Inc., 4201 South Santa
Rita Ave, Tucson, AR 85714 (US). TSAY,
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85714 (US). HSU, Michael, S. [US/US];
Ztek Corporation, P.O. Box 3070, Woburn,
MA 01888-1970 (US).

(74) LAURENTANO, Anthony, A. et al. / etc.;
Lahive & Cockfield LLP, 28 State Street,
Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
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 (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 2004/105155 (13) A2

(21) PCT/US2004/013909

(22) 6 May/mai 2004 (06.05.2004)

(25) en (26) en

(30) 10/439,588 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FUEL CELL STACK HUMIDIFICATION
METHOD INCORPORATING AN AC-
CUMULATION DEVICE

• PROCEDE D'HUMIDIFICATION D'UN
ASSEMBLAGE DE PILES A COMBUS-
TIBLE UTILISANT UN DISPOSITIF
D'ACCUMULATION

(63) US 10/439,588 (CON)
16 May/mai 2003 (16.05.2003)

(71) GENERAL MOTORS CORPORATION
[US/US]; 300 Renaissance Center, Mail
Code 482-C23-B21, P.O. Box 300, Detroit,
MI 48265-3000 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SENNER, Ralf [DE/DE]; Herderstr. 16,
65185 Wiesbaden (DE). VON HELMOT,
Ralf [DE/DE]; Am Fort Elisabeth 5, 55131
Mainz (DE).

(74) DESCHERE, Linda, M. et al. / etc.; Har-
ness, Dickey & Pierce, P.L.C., P.O. Box 828,
Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI 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 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).

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 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)

(t) for all designations / pour toutes les
designations

(51)⁷ H01M

(11) WO 2004/105156 (13) A2

(21) PCT/US2004/015150

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,052 16 May/mai 2003 US
(16.05.2003)(30) 10/844,038 12 May/mai 2004 US
(12.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CORE PIN FOR A BATTERY

• BROCHE DE NOYAU POUR BATTERIE

(71) ENTEGRIS, INC. [US/US]; 3500 Lyman
Boulevard South, Chaska, MN 55318 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) JOHNSON, Michael, W. [US/US]; 2930
Quentin Avenue South, St. Louis Park, MN
55416 (US). EGGUM, Shawn, D. [US/US];
6823 Jackson Avenue, Lonsdale, MN 55046
(US).(74) CHRISTENSEN, Douglas, J. et al. / etc.;
Patterson, Thunte, Skaar & Christensen,
P.A., 4800 IDS Center, 80 South Eighth
Street, Minneapolis, MN 55402-2100 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H01M

(11) WO 2004/105157 (13) A2

(21) PCT/US2004/015231

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/472,052 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECHARGING METHOD AND ASSO-
CIATED APPARATUS• PROCEDE DE RECHARGE ET APPA-
REIL ASSOCIE(71) MICKLE, Marlin, H. [US/US]; 4601 Fifth
Avenue, Apt #723, Pittsburg, PA 15213 (US).
CAPELLI, Christopher, C. [US/US]; 5125
Fifth Avenue, Pittsburgh, PA 15213 (US).
SWIFT, Harold [US/US]; 1100 Woodhill
Drive, Gibsonia, PA 15044 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(74) SILVERMAN, Arnold, B.; Eckert, Sea-
mans, Cherin & Mellott, LLC, 600 Grant
Street, 44th Floor, Pittsburgh, PA 15219
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H01M

(11) WO 2004/105158 (13) A2

(21) PCT/US2004/005486

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/439,132 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A FUEL CELL SYSTEM WITH RECY-
CLE OF ANODE EXHAUST GAS• SYSTEME DE PILE A COMBUS-
TIBLE AVEC RECYCLAGE DE GAZ
D'ÉCHAPPEMENT D'ANODE(71) FUELCELL ENERGY, INC. [US/US];
3 Great Pasture Road, Danbury, CT 06813
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72) JAHNKE, Fred, C.; 2 Winthrop Street, Rye,
NY 10580 (US). PARAB, Sanjay, C.; 115
South Main Street, Apt. #A-1, West Hartford,
CT 06107 (US).(74) TORRENTE, John, J.; Robin, Blecker &
Daley, 330 Madison Avenue, 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 H01M 2/02, 2/08

(11) WO 2004/105159 (13) A1

(21) PCT/JP2004/004580

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-142143 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEALED BATTERY

• BATTERIE SANS ENTRETIEN

(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) EBI, Ryuichiro MASUMOTO, Ken-
jin KITAGAWA, Toshiharu(74) ISHIHARA, Masaru; 5th Floor, Tat-
suno Nishi-tenma Bldg., 1-6, Nishi-tenma
3-chome, Kita-ku, Osaka-shi, Osaka
530-0047 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H01M 2/08, 10/30

(11) WO 2004/105160 (13) A1

(21) PCT/JP2004/003455

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-145019 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MATERIAL FOR FORMATION OF
SEAL FOR BATTERY ELECTROLYTE• MATERIAU POUR LA REALISATION
D'UNE FERMETURE ETANCHE POUR
ELECTROLYTE DE BATTERIE(71) NOK CORPORATION [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) OGATA, Chiyota [JP/JP]; c/o NOK
Corporation, 2089, Nagakusatsutsumi,
Aso-Machi, Aso-Gun, Kumamoto 8692231
(JP). KANAGAE, Hidekazu [JP/JP]; c/o
NOK Corporation, 2089, Nagakusatsut-
sumi, Aso-Machi, Aso-Gun, Kumamoto
8692231 (JP). NAMEKI, Hideto [JP/JP]; c/o
NOK Corporation, 2089, Nagakusatsutsumi,
Aso-Machi, Aso-Gun, Kumamoto 8692231
(JP). NAGAOKA, Hisayuki [JP/JP]; c/o
NOK Corporation, 609, Oaza-minobaru,
Nakabaru-cho, Miyaki-Gun, Saga 8490102
(JP). KAWASAKI, Kuniyoshi [JP/JP]; c/o
NOK Corporation, 3-1, Tsujidoshimachi
4-chome, Fujisawa-shi, Kanagawa 510042
(JP).(74) YOSHIDA, Toshio et al. / etc.; Yoshida
Patent Office No.202, Hillside Ebisu Bldg.,
21-11, Ebisuminami 1-chome, Shibuya-ku,
Tokyo 1500022 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2/16
- (11) WO 2004/105161 (13) A2
- (21) PCT/IB2004/001727
- (22) 26 May/mai 2004 (26.05.2004)
- (25) en (26) en
- (30) 2003-185790 26 May/mai 2003 JP
(26.05.2003)
- (30) 2003-185791 26 May/mai 2003 JP
(26.05.2003)
- (30) 10/634,592 5 Aug/août 2003 US
(05.08.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • LEAD-ACID BATTERY HAVING AN
ORGANIC POLYMER ADDITIVE AND
PROCESS OF CHARGING THEREOF
- BATTERIE D'ACCUMULATEURS AU
PLOMB DOTÉE D'UN ADDITIF DE
POLYMERE ORGANIQUE ET SON
PROCÉDE DE CHARGEMENT
- (71, 72) KOZAWA, Akiya [JP/JP]; 39 Youke
Ukino, Chieki-Cho, Ichinomiya-shi,
Aichi-Ken (JP). HRADA, Hirofumi [JP/JP];
c/o Takehara Corp. 25-1, Ohmoni, Oaza
Niwa, Ichinomiya-shi, Aichi-Ken (JP).
YOKOI, Gumpei [JP/JP]; 648 Ohaza Fu-
mitsu, Komaki, Aichi-Ken (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H01M 4/02, 4/58
- (11) WO 2004/105162 (13) A1
- (21) PCT/JP2004/007165
- (22) 26 May/mai 2004 (26.05.2004)
- (25) ja (26) ja
- (30) 2003-148261 26 May/mai 2003 JP
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • POSITIVE ELECTRODE ACTIVE MA-
TERIAL FOR SECONDARY BATTERY,
POSITIVE ELECTRODE FOR SEC-
ONDARY BATTERY, SECONDARY

- BATTERY AND METHOD FOR PRO-
DUCING POSITIVE ELECTRODE AC-
TIVE MATERIAL FOR SECONDARY
BATTERY
- MATIERE ACTIVE D'ELECTRODE
POSITIVE POUR PILE SECONDAIRE,
ELECTRODE POSITIVE POUR PILE
SECONDAIRE, PILE SECONDAIRE
ET PROCEDE DE PRODUCTION DE
LADITE MATIERE ACTIVE
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba
5-chome, Minato-ku, Tokyo 1088001 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KUMEUCHI, Tomokazu [JP/JP]; c/o
NEC Corporation, 7-1, Shiba 5-chome, Mi-
nato-ku, Tokyo 1088001 (JP). NUMATA,
Tatsuji [JP/JP]; c/o NEC Corporation, 7-1,
Shiba 5-chome, Minato-ku, Tokyo 1088001
(JP). KAWASAKI, Daisuke [JP/JP]; c/o
NEC Corporation, 7-1, Shiba 5-chome, Mi-
nato-ku, Tokyo 1088001 (JP).
- (74) HAYAMI, Shinji; Daikanyama TK Bldg.
1F, 2-17-16, Ebisu-Nishi, Shibuya-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 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 H01M 4/90
- (11) WO 2004/105163 (13) A1
- (21) PCT/KR2003/001011
- (22) 22 May/mai 2003 (22.05.2003)
- (25) en (26) en
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FUEL CELL, ELECTRODE CATALYST
AND ELECTRODE FOR FUEL CELL
- PILE A COMBUSTIBLE, CATALYSEUR
D'ELECTRODE ET ELECTRODE POUR
PILE A COMBUSTIBLE
- (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) KIM, Kyu-Jung [KR/KR]; Hyundai
town House Na-101, Gumi-Dong, Bun-
dang-Gu, Seongnam, Gyeonggi-Do 463-500
(KR).
- (74) PARK, Jang-Won; Jewoo Bldg., 5th Floor,
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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT

- RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H01M 8/00
- (11) WO 2004/105164 (13) A2
- (21) PCT/EP2004/005544
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 103 24 157.4 22 May/mai 2003 DE
(22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A HIGH-TEMPERATURE FUEL CELL
SYSTEM
- SYSTEME DE PILES A COMBUS-
TIBLE A TEMPERATURE ELEVEE
- (71) REINZ-DICHTUNGS-GMBH [DE/DE];
Reinzstrasse 3-7, 89233 Neu-Ulm (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) GRAFL, Dieter [DE/DE]; Maie-
weg 164, 89081 Ulm (DE). STRÖBEL,
Raimund [DE/DE]; Gartenstr. 15, 89077
Ulm (DE). LEMM, Markus [DE/DE];
Joseph-Haydn-Weg 6, 89134 Blaustein (DE).
LEMKE, Kai [DE/DE]; Heckenbühl 46,
89075 Ulm (DE). SCHERER, Joachim
[DE/DE]; Gögglingerstr. 41, 89079 Ulm
(DE). GAUGLER, Bernd [DE/DE]; Kohl-
gasse 15, 89075 Ulm (DE).
- (74) PFENNING MEINIG & PARTNER GbR;
Joachimstaler Str. 10-12, 10719 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 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 H01M 8/00
- (11) WO 2004/105165 (13) A2
- (21) PCT/JP2004/005158
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) 2003-143488 21 May/mai 2003 JP
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • FUEL CELL SYSTEM
- SYSTEME DE PILE 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) FUSE, Toru [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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/00

(11) WO 2004/105166 (13) A2

(21) PCT/US2004/014673

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/438,031 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FUEL CELL SYSTEMS

• SYSTEMES DE PILES A COMBUSTIBLE

(63) US 10/438,031 (CON) 14 May/mai 2003 (14.05.2003)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAE, In, Tae [KR/US]; 45 Robert Topham Drive, Wrentham, MA 02093 (US). GILICINSKI, Andrew, G. [US/US]; 10 Reed Avenue, Westborough, MA 01581 (US).

(74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry LLP, 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 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 H01M 8/02, 8/10

(11) WO 2004/105167 (13) A1

(21) PCT/JP2004/006971

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146288 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FUEL CELL

• PILE A COMBUSTIBLE

(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) SUGITA, Narutoshi [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). KOHYAMA, Katsuhiko [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). GOTO, Shuhei [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). SHINKAI, Hiroshi [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). TANAKA, Hiroyuki [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). NAKAGAWA, Takaki [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01M 8/02, 8/10, 4/88

(11) WO 2004/105168 (13) A1

(21) PCT/JP2004/007149

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-143126 21 May/mai 2003 JP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ACTIVATING SOLID POLYMER FUEL CELL

• PROCÉDÉ D'ACTIVATION DE PILE À COMBUSTIBLE À POLYMÈRE SOLIDE

(71) AISIN SEIKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XIE, Gang [CN/JP]; c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP).

(74) OHKAWA, Hiroshi; 2-5, Meicki 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 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).

Published / Publiée : (b)

(51)⁷ H01M 8/04

(11) WO 2004/105169 (13) A1

(21) PCT/JP2004/005103

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 2003-147996 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ANODE EFFLUENT CONTROL IN FUEL CELL POWER PLANT

• COMMANDE D'EFFLUENT D'ANODE DANS UN SYSTEME GENERATEUR A PILE 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) IIO, Masatoshi [JP/JP]; 7-38-31, Ikegami, Yokosuka-shi, Kanagawa 2380035 (JP).

(74) GOTO, Masaki; Shoyu-Kaikan 3-1, Kasumigasaki 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) H01M 8/04

(11) WO 2004/105170 (13) A1

(21) PCT/NO2004/000105

(22) 13 Apr/avr 2004 (13.04.2004)

(25) no (26) en

(30) 2003 1768 15 Apr/avr 2003 NO
(15.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BUFFER/CONVERTER/DUMPING
SYSTEM BETWEEN FUEL CELLS
AND PROCESS

• TAMPON/CONVERTISSEUR/SYSTEME
DE DECHARGE ENTRE DES PILES
A COMBUSTIBLE ET PROCEDE
ASSOCIE

(71) EIDESVIK AS [NO/NO]; N-5443 Bømlø
(NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SANDAKER, Kjell [NO/NO];
Hanaleite, N-5555 Forde i Hordaland (NO).(74) ACTIO LASSEN AS; P.O. Box 1880
Nordnes, N-5817 Bergen (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 H01M 8/06

(11) WO 2004/105171 (13) A2

(21) PCT/US2004/014674

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 10/438,318 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTROCHEMICAL CELLS
• PILES ELECTROCHIMIQUES

(63) US 10/438,318 (CON)
15 May/mai 2003 (15.05.2003)

(71) THE GILLETTE COMPANY [US/US];
Prudential Tower Building, Boston, MA
02199 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DAVIS, Stuart, M. [US/US]; 26 Noon
Hill Avenue, Norfolk, MA 02056 (US).
BRANDT, Klaus [DE/DE]; Am Wiesen-
grund 7, 01917 Kamenz (DE).

(74) GALLOWAY, Peter, D. et al. / etc.; Ladas
& Parry LLP, 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 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 H01M 8/24, 2/10

(11) WO 2004/105172 (13) A1

(21) PCT/JP2004/007063

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 2003-144612 22 May/mai 2003 JP
(22.05.2003)(30) 2003-426195 24 Dec/déc 2003 JP
(24.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSULATING MOUNT STRUCTURE,
INSULATION MONITORING SYSTEM,
AND INSULATION MONITORING
METHOD FOR FUEL CELLS

• STRUCTURE DE MONTAGE ISO-
LANTE, SYSTEME DE SUR-
VEILLANCE D'ISOLANTS ET
PROCEDE DE SURVEILLANCE
D'ISOLANTS POUR PILES A COM-
BUSTIBLE

(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) YANAGISAWA, Masanari [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 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 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 H01P 1/20

(11) WO 2004/105173 (13) A1

(21) PCT/KR2004/001120

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10-2003-0032293 21 May/mai 2003 KR
(21.05.2003)(30) 10-2003-0038549 14 Jun/juin 2003 KR
(14.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RADIO FREQUENCY FILTER

• FILTRE DE RADIOFREQUENCES

(71) KMW Inc. [KR/KR]; 65, Youngchon-ri,
Tongtan-myon, Hwasong-shi, Kyonggi-do
445-813 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PARK, Jong-Kyu [KR/KR]; #104-1005,
Dongbu 2-cha APT., Galgok-dong, Osan-si,
Gyeonggi-do 447-310 (KR). JEON,
Yong-Sei [KR/KR]; 158-3, Sintak-ri,
Sinam-myeon, Yesan-gun, Chungcheong-
nam-do 340-863 (KR). HONG, Young-Pyo
[KR/KR]; #105-806, Seongho APT., 500-1,
Byeongjeom-ri, Taean-eup, Hwaseong-gun,
Gyeonggi-do 445-974 (KR). PARK,
Sang-Sik [KR/KR]; #203-603, Sinil APT.,
14-11, Yeongdeok-ri, Giheung-eup, Yon-
gin-si, Gyeonggi-do 449-908 (KR). JEONG,
Seung-Taek [KR/KR]; #106-201, Hyundai
APT., Sanggal-ri, Giheung-eup, Yongin-si,
Gyeonggi-do 449-905 (KR).

(74) LEE, Keon-Joo; Mihwa Bldg., 110-2 Myon-
gryun-dong 4-ga, Chongro-gu, Seoul 110-524
(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 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) H01P 1/213

(11) WO 2004/105174 (13) A1

(21) PCT/DE2004/000887

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 22 136.0 16 May/mai 2003 DE
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FRONT-END MODULE WITH LOW IN-
SERTION ATTENUATION
• MODULE FRONTAL A FAIBLE PERTE
D'INSERTION

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53,
81669 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FAISTAUER, Christian [AT/AT]; Am-
selweg 8, A-8530 Deutschlandsberg (AT).
REICHEL, Bernhard [AT/AT]; Eschensied-
lung 102, A-8530 Deutschlandsberg (AT).
FREISING, Alexander [DE/AT]; Rein-
hard-Macholdstrasse 48/3, A-8075 Hart b.
Graz (AT). BLOCK, Christian [DE/AT];
Stallhof 114, A-8510 Stainz (AT).

(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 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).

Published / Publiée : (c)

(51)⁷ H01P 7/08

(11) WO 2004/105175 (13) A1

(21) PCT/JP2004/001963

(22) 20 Feb/fév 2004 (20.02.2004)

(25) ja (26) ja

(30) 2003-144297 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • RING FILTER AND BROAD-BAND-
PASS FILTER USING SAME
• FILTRE ANNULAIRE ET FILTRE
PASSE-BANDE LARGE UTILISANT
CE DERNIER

(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) ARAKI, Kiyomichi [JP/JP]; c/o Tokyo
Institute of Technology, 2-12-1, Ookayama,
Meguro-ku, Tokyo 152-8550 (JP). ISHIDA,
Hitoshi [JP/JP]; 3-16-31, Hikaricho,
Kokubunji-shi, Tokyo 185-0034 (JP). NAK-
AGAWA, Takao [JP/JP]; 1-67-7-201, Ki-
tasenzoku, Oota-ku, Tokyo 145-0062 (JP).

(74) AGATA, Yuzo; 13-5, Akasaka 2-chome, Mi-
nato-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 NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (n)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI 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)

(u) for / pour US only / seulement

(v) for all designations / pour toutes les
désignations

(51)⁷ H01Q

(11) WO 2004/105176 (13) A2

(21) PCT/EP2004/004746

(22) 5 May/mai 2004 (05.05.2004)

(25) de (26) de

(30) 103 23 493.4 23 May/mai 2003 DE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • UNDERWATER ANTENNA
• ANTENNE SUBAQUATIQUE

(71) ATLAS ELEKTRONIK GMBH [DE/DE];
Sebaldsbrücker Heestr. 235, 28305 Bremen
(DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRENNER, Axel [DE/DE]; Ammerlän-
der Strasse 4, 28259 Bremen (DE). BUSCH,
Rainer [DE/DE]; Lütjenweg 59b, 26131 Old-
enburg (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 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ H01Q

(11) WO 2004/105177 (13) A2

(21) PCT/KR2004/001208

(22) 20 May/mai 2004 (20.05.2004)

(25) ko (26) en

(30) 10-2003-0032628 22 May/mai 2003 KR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • WAVEGUIDE SLOT ANTENNA
• ANTENNE A FENTE A GUIDE
D'ONDES

(71) MICROFACE CO., LTD. [KR/KR];
108-12, Mukhyun-ri, Hwado-eup,
Namyangju-si, Gyeonggi-do 472-846 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JUNG, Kyung Hwan [KR/KR]; 111-
101, Buyoung Green Town, Donong-dong,
Namyangju-si, Gyeonggi-do 472-709 (KR).

(74) LEE, Hyun Jae et al. / etc.; #202, New Seoul
Bldg., 828-8, 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 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 H01Q

(11) WO 2004/105178 (13) A2

(21) PCT/US2004/015333

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,785 15 May/mai 2003 US
(15.05.2003)

(30) 10/773,893 5 Feb/fév 2004 US
(05.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • FLAT PANEL ANTENNA ARRAY
• RESEAU D'ANTENNES A PANNEAUX
PLATS

(71) INDILAB, INC. [US/US]; 10367 Franklin
Avenue, Franklin Park, IL 60131 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ESPENSCHIED, Mark, W. [US/US];
824 N. Roy Avenue, Northlake, IL 60164
(US). GAVRICK, Robert, J. [US/US]; 910
South Michigan Avenue, Chicago, IL 60605
(US).

(74) DARDEN, Loletta, L.; Sachnoff & Weaver,
Ltd., 30 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01Q 1/24, 13/10

(11) WO 2004/105179 (13) A1

(21) PCT/SE2003/000839

(22) 23 May/mai 2003 (23.05.2003)

(25) sv (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • AN ANTENNA DEVICE AND A SUPPLY DEVICE THERETO
• DISPOSITIF D'ANTENNE ET DISPOSITIF D'ALIMENTATION ASSOCIE

(71) PERLOS AB [SE/SE]; Ole Römers väg 16, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLOM, Carl, Gustaf [SE/SE]; Kvarnberget 2, S-453 33 Lysekil (SE).

(74) WALLENGREN, Yngvar et al. / etc.; Patentbyrån Y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/32

(11) WO 2004/105180 (13) A2

(21) PCT/EP2004/004690

(22) 4 May/mai 2004 (04.05.2004)

(25) de (26) de

(30) 103 23 557.4 26 May/mai 2003 DE (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • VEHICLE ANTENNA
• ANTENNE DE VEHICULE

(71) HIRSCHMANN ELECTRONICS GMBH & CO. KG [DE/DE]; Stuttgarter Strasse 45-51, 72654 Neckartenzlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEUSER, Jürgen [DE/DE]; Hohenneuffen Strasse 12, 72666 Neckartailfingen (DE). SCHENKYR, Dieter [DE/DE]; Frankenweg 3, 73252 Lenningen (DE).

(74) THUL, Hermann; Rheinmetall Aktiengesellschaft, Zentrale Patentabteilung, Rheinmetall Allee 1, 40476 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 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 H01Q 3/26

(11) WO 2004/105181 (13) A1

(21) PCT/JP2003/006408

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • OPTICAL CONTROL TYPE PHASED ARRAY ANTENNA

- ANTENNE RESEAU PILOTEE EN PHASE DU TYPE A COMMANDE OPTIQUE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKIYAMA, Tomohiro [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). HIRANO, Yoshihito [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SUZUKI, Jiro [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) 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 H01Q 9/04, 1/38, 25/00

(11) WO 2004/105182 (13) A1

(21) PCT/GB2004/002133

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 0311361.0 19 May/mai 2003 GB (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • DUAL BAND ANTENNA SYSTEM WITH DIVERSITY

- ANTENNE DOUBLE BANDE AVEC DIVERSITE

(71) ANTENOVA LIMITED [GB/GB]; Far Field House, Albert Road, Stow-cum-Quy, Cambridge CB5 9AR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINGSLEY, James, William [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB). MORGANS, Christopher [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB). BAGGALEY, Richard [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB). MARTIN, Steven [GB/GB]; Far Field House, Albert Road, Stow-cum-Quy, Cambridge CB5 9AR (GB). WYATT, Andrew [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB). KINGSLEY, Simon, Philip [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB).

(74) HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01R

(11) WO 2004/105183 (13) A2

(21) PCT/US2004/015807

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,065 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD FOR MANUFACTURING AN EMI SHIELDING ELEMENT
• PROCEDE DE FABRICATION D'UN ELEMENT DE BLINDAGE EMI

(71) LAIRD TECHNOLOGIES, INC. [US/US]; One Shielding Way, Delaware Water Gap, PA 18327-0136 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUNCER, Michael, E. [US/US]; 1018 Reddington Oaks Drive, St. Charles, MO 63304 (US). WOOD, David, B. [US/US]; 6107 Westminster Place, St. Louis, MO 63112 (US). JEFFREYS, Charles, R. [US/US]; 1851 Union Road, Apt. C, St. Louis, MO 63125-2340 (US).

(74) GULBIN, John, F. et al. / etc.; Pitney Hardin LLP, 685 Third Avenue, New York, NY 10017-4024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H01R

(11) WO 2004/105184 (13) A2

(21) PCT/ZA2004/000056

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 2003902455 20 May/mai 2003 AU
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWERED DOMESTIC APPLIANCE
SYSTEMS• SYSTEMES D'APPAREILS DOMES-
TIQUES ALIMENTE(71) GALGUT, John [GB/ZA]; Galgut & Galgut,
23A 7th Avenue, Parktown North, 2121 Jo-
hannesburg (ZA).

(only for / seulement pour EC)

(71, 72) KHOURY, Edward, Joseph [AU/AU];
19 Scouler Way, Bateman, W.A. 6150 (AU).(74) GALGUT, John; Patent Department, Galgut
& Galgut, P.O. Box 633, Parklands, 2121 Jo-
hannesburg (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 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 H01R 4/24

(11) WO 2004/105185 (13) A1

(21) PCT/EP2004/004689

(22) 4 May/mai 2004 (04.05.2004)

(25) de (26) de

(30) 103 23 615.5 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTACT ELEMENT AND ADDI-
TIONAL CONDUCTION CHAMBER
FOR A PLUG OR SOCKET PRO-
DUCED ACCORDING TO INSULAT-
ING-PIERCING CONNECTING TECH-
NOLOGY• ELEMENT DE CONTACT ET
CHAMBRE DE CONDUCTION COM-
PLEMENTAIRE POUR UN CONNec-
TEUR MALE OU FEMELLE UTILISE
EN TECHNIQUE DE RACCORDE-
MENT AUTODENUDANT(71) HIRSCHMANN ELECTRONICS GMBH
& CO. KG [DE/DE]; Stuttgarter Strasse
45-51, 72654 Neckartenzlingen (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GAIDOSCH, Othmar [DE/DE]; Uh-
landstrasse 70/1, 73760 Ostfildern (DE).(74) THUL, Hermann; Thul Patentanwaltsge-
sellschaft mbH, Rheinmetall Allee 1, 40476
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 MNMW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ H01R 4/24, 13/506

(11) WO 2004/105186 (13) A1

(21) PCT/EP2004/005328

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) TO2003 U 000086 20 May/mai 2003 IT
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A CONTACT-HOLDER UNIT FOR
AN ELECTRICAL CONNECTION
SOCKET/PLUG• UNITE PORTE-CONTACT D'UNE
CONNEXION ELECTRIQUE
PRISE/FICHE(71) SAIP & SCHYLLER S.R.L. [IT/IT]; Via
Circonvallazione Est 1, I-24040 Stezzano
(IT).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) COLOMBI, Aldo [IT/IT]; Via Padre
Murialdo 13/A, I-24030 Valbrembo (IT).(74) FIORAVANTI, Corrado et al. / etc.; Ja-
cobacci & Partners 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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ H01R 4/52, 4/48

(11) WO 2004/105187 (13) A1

(21) PCT/EP2004/004688

(22) 4 May/mai 2004 (04.05.2004)

(25) de (26) de

(30) 103 23 613.9 26 May/mai 2003 DE
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PLUG OR SOCKET FOR A PLUG-IN-
CONNECTION• CONNECTEUR MALE OU FEMELLE
D'UN SYSTEME DE CONNEXION PAR
ENFICHAGE(71) HIRSCHMANN ELECTRONICS GMBH
& CO. KG [DE/DE]; Stuttgarter Str. 45-51,
72654 Neckartenzlingen (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GAIDOSCH, Othmar [DE/DE]; Uh-
landstrasse 70/1, 73760 Ostfildern (DE).(74) THUL, Hermann; Rheinmetall Aktienge-
sellschaft, Zentrale Patentabteilung, Rhein-
metall Allee 1, 40476 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 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 H01R 9/24, 4/36, 4/48, 9/26

(11) WO 2004/105188 (13) A1

(21) PCT/EP2004/003562

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 203 06 229.9 19 Apr/avr 2003 DE
(19.04.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONNECTING STRIP FOR A TER-
MINAL ARRANGEMENT FOR A
LOW-LEVEL DISTRIBUTOR AND/OR
A DISTRIBUTION PANEL OF AN
ELECTRIC LOW-VOLTAGE SWITCH-
ING STATION• BARRETTE DE CONNEXION POUR
UN ENSEMBLE DE BORNES DESTINE
A UN PETIT DISTRIBUTEUR ET/OU
UN TABLEAU DE DISTRIBUTION
D'UNE INSTALLATION DE DISTRIBU-
TION ELECTRIQUE BASSE TENSION(71) ABB PATENT GMBH [DE/DE]; Wall-
stadter Strasse 59, 68520 Ladenburg (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JUST, Karsten [DE/DE]; Eichen-
wäldelweg 3, 77876 Kappelrodeck (DE).

- ROTH, Michael [DE/DE]; Obere Rötels-
strasse 23, 77886 Lauf (DE).
- (74) MILLER, Toivo et al. / etc.; ABB Patent
GmbH, Postfach 11 40, 68520 Ladenburg
(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 H01R 12/12, 12/04, H05K 3/36
- (11) WO 2004/105189 (13) A1
- (21) PCT/DE2004/000227
- (22) 10 Feb/fév 2004 (10.02.2004)
- (25) de (26) de
- (30) 103 21 184.5 12 May/mai 2003 DE
(12.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CONTACTING DEVICE FOR A FLEXI-
BLE RIBBON CONDUCTOR
- DISPOSITIF DE METALLISATION
POUR CONDUCTEUR A RUBAN
FLEXIBLE
- (71) CONTI TEMIC MICROELECTRONIC
GMBH [DE/DE]; Sieboldstrasse 19, 90411
Nürnberg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) JAHN, Michael [DE/DE]; Goethestrasse
17, 02977 Hoyerswerda (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 H01R 12/16
- (11) WO 2004/105190 (13) A1
- (21) PCT/JP2004/007098
- (22) 25 May/mai 2004 (25.05.2004)
- (25) ja (26) ja
- (30) 2003-148224 26 May/mai 2003 JP
(26.05.2003)
- (30) 2003-158359 3 Jun/juin 2003 JP
(03.06.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CONNECTOR FOR MEMORY CARD
- CONNECTEUR POUR CARTE ME-
MOIRE
- (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) TANAKA, Hirohisa [JP/JP]; c/o MAT-
SUSHITA ELECTRIC WORKS, LTD., 1048,
Oaza-Kadoma, Kadoma-shi, Osaka 5718686
(JP). YAMAMOTO, Toshihiro [JP/JP];
c/o MATSUSHITA ELECTRIC WORKS,
LTD., 1048, Oaza-Kadoma, Kadoma-shi,
Osaka 5718686 (JP). KAWASHIMA,
Masato [JP/JP]; c/o MATSUSHITA ELEC-
TRIC 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 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 H01R 12/16
- (11) WO 2004/105191 (13) A1
- (21) PCT/US2004/014687
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 10/2003/0030531 14 May/mai 2003 KR
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MEMORY CARD CONNECTOR
- CONNECTEUR DE CARTE A ME-
MOIRE
- (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) KIM, Kwang-Sik [KR/KR]; 107-1404
Bonerevillage, Apt. 778, Gojan-Dong,
Ansan-City, Kyunggi-Do (KR).
- (74) GALDWELL, Stacey, E.; Molex Incorpo-
rated, 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 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).
- Published / Publiée : (c)
-
- (51)⁷ H01R 12/18
- (11) WO 2004/105192 (13) A1
- (21) PCT/DE2004/000796
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 22 172.7 14 May/mai 2003 DE
(14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MULTIPOINT PLUG FOR ELECTRI-
CALLY CONNECTING METAL STRIP
CONDUCTORS ARRANGED ON BOTH
SIDES OF A CIRCUIT BOARD
- REGLETTE DE CONTACTS POUR LA
MISE EN CONTACT ELECTRIQUE
DE PISTES CONDUCTRICES METAL-
LIQUES PLACEES SUR LES DEUX
FACES D'UNE PLAQUETTE
- (71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) LUDE, Eric [DE/DE]; Jungbornstr. 25,
13129 Berlin (DE). SCHÜPPLER, Thomas
[DE/DE]; Malchower Str. 82, 13089 Berlin
(DE).
- (74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 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 DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 12/22
- (11) WO 2004/105193 (13) A2
- (21) PCT/US2004/016216
- (22) 21 May/mai 2004 (21.05.2004)
- (25) en (26) en
- (30) 03263696.2 21 May/mai 2003 CN
(21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MEMORY CARD CONNECTOR WITH
IMPROVED HOUSING CONSTRUC-
TION
- CONNECTEUR DE CARTE MEMOIRE
A CONSTRUCTION DE LOGEMENT
AMELIOREE
- (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) JIN, Hao, Qui [CN/CN]; Room 307, No. 8, Haifeng Road, Kunshan City, Jiangsu Province (CN).

(74) CALDWELL, Stacey, E.; 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 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 H01R 13/00

(11) WO 2004/105194 (13) A2

(21) PCT/EP2004/005140

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03253247.5 23 May/mai 2003 EP (23.05.2003)

(30) 03254595.6 24 Jul/juillet 2003 EP (24.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMMUNICATIONS INTERFACE
• INTERFACE DE COMMUNICATIONS

(71) TYCO ELECTRONICS AMP ESPANA S.A. [ES/ES]; Mutaner 249, 5a Planta, E-08021 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRIAS VALERO, Eduard [ES/ES]; Padilla 347, 4a 2a, E-08025 Barcelona (ES).

(74) JAY, Anthony, William; Tyco Electronics UK Ltd, European Patent Department, Faraday Road, Dorcan, Swindon Wiltshire SN3 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01R 13/506, 13/633, 13/639

(11) WO 2004/105195 (13) A1

(21) PCT/EP2004/005089

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) MI2003U 000240 21 May/mai 2003 IT (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COUPLING DEVICE FOR THE CONTACT BLOCK AND THE HANDLE OF AN ELECTRICAL CONNECTOR

• DISPOSITIF DE COUPLAGE POUR CALE ISOLANTE ET MANCHE D'UN CONNECTEUR ELECTRIQUE

(71) SAIP & SCHYLLER S.R.L. [IT/IT]; Via Circonvallazione Est, 1, I-24040 Stezzano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLOMBI, Aldo [IT/IT]; Via Padre Murialdo, 13/A, I-24030 Valbrembo (IT).

(74) PETRUZZIELLO, Aldo et al. / etc.; Racheli & C. S.p.A., Viale San Michele del Carso, 4, I-20144 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 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).

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 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)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ H01R 13/52, 25/16

(11) WO 2004/105196 (13) A1

(21) PCT/IT2004/000257

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) BS 2003 A 000047 20 May/mai 2003 IT (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONNECTION DEVICE FOR PREFABRICATED ELECTRIC DUCTS IN ELECTRIC LINES FOR LIGHTING SYSTEMS

• DISPOSITIF DE RACCORDEMENT POUR CONDUITS DE CANALISATION ELECTRIQUE PREFABRIQUES

DE LIGNES ELECTRIQUES DE SYSTEMES D'ECLAIRAGE

(71) BBI ELECTRIC S.P.A. [IT/IT]; Via Einaudi, I-25030 Torbole Casaglia (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REGOSA, Flavio [IT/IT]; Via Einaudi, I-25030 Torbole Casaglia (IT).

(74) SANGIACOMO, Fulvia; c/o Biesse S.r.l., Corso Matteotti, 42, I-25122 Brescia (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 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 H01R 13/627

(11) WO 2004/105197 (13) A1

(21) PCT/US2004/014591

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 20-2003-0015350 19 May/mai 2003 KR (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRICAL CONNECTOR ASSEMBLY WITH IMPROVED LATCH MEANS

• ENSEMBLE DE CONNEXION ELECTRIQUE COMPRENANT DES MOYENS DE VERROUILLAGE AME-LIORES

(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) KIM, Kwang-Sik [KR/KR]; 107-1404 Bonerevillage, Apt. 778, Gojan-Dong, Ansan-City, Kyunggi-Do (KR).

(74) CALDWELL, Stacey, E.; 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 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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(21) PCT/IT2004/000258

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) BS 2003 A 000046 20 May/mai 2003 IT
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC SOCKET FOR EMERGENCY LIGHTS IN ELETRIC LINES
• DOUILLE ELECTRIQUE POUR ECLAIRAGES DE SECOURS DANS DES LIGNES ELECTRIQUES

(71) BBI ELECTRIC S.P.A. [IT/IT]; Via Einaudi, I-25030 Torbole Casaglia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REGOSA, Flavio [IT/IT]; Via Einaudi, I-25030 Torbole Casaglia (IT).

(74) SANGIACOMO, Fulvia; Biesse S.R.L., Corso Matteotti, 42, I-25122 Brescia (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 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 H01S

(11) WO 2004/105199 (13) A2

(21) PCT/US2004/015229

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/438,513 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOCALIBRATING MEDICAL DIODE LASER SYSTEM
• SYSTEME LASER A DIODE MEDICAL A AUTO-ETALONNAGE

(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) NEUBERGER, Wolfgang; 905 Beta Tower Financial Park, 87000 F.T. Labuan (MY).
SPANIOL, Stefan; John-Mueller Strasse 9, 53127 Bonn (DE).

(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 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 H01S 3/02

(11) WO 2004/105200 (13) A1

(21) PCT/JP2003/006289

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LASER TRANSMITTER
• EMETTEUR LASER

(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) KUROSAWA, Miki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(51)⁷ H01S 3/16

(11) WO 2004/105201 (13) A2

(21) PCT/IL2004/000432

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,141 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SEMICONDUCTOR NANOCRYSTAL-BASED OPTICAL DEVICES AND METHOD OF PREPARING SUCH DEVICES

• DISPOSITIFS OPTIQUES REPOSANT SUR L'EMPLOI DE NANOCRISTAUX SEMI-CONDUCTEURS ET PROCEDE DE FABRICATION DE CES DISPOSITIFS

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, 91390 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BANIN, Uri [IL/IL]; 37 Yasmin Street, 90805 Mevasseret Zion (IL). KAZES, Miri [IL/IL]; 3 Massada St., 72220 Ramla (IL). LEWIS, David, Y. [IL/IL]; 5/4 Chayim Bajayo St., 93145 Jerusalem (IL).

(74) REINHOLD COHN AND PARTNERS; P.O.B. 4060, 61040 Tel Aviv (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 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 H01S 5/22

(11) WO 2004/105202 (13) A1

(21) PCT/JP2004/005821

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-145137 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LASER DIODE DEVICE
• DISPOSITIF A DIODE LASER

(71) TOYODA GOSEI CO. LTD. [JP/JP]; 1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi, 4528564 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Hiroshi [JP/JP]; c/o TOYODA GOSEI CO., LTD., 1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi, 4528564 (JP).

(74) HIRATA, Tadao; HIRATA & PARTNERS, World-Wide-Center, 1-13, Sanban-cho, Chiyoda-ku, Tokyo, 1020075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 H01T 13/34

(11) WO 2004/105203 (13) A1

(21) PCT/JP2004/006875

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-142415 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPARK PLUG AND METHOD FOR PRODUCING SAME
• BOUGIE D'ALLUMAGE ET PROCEDE DE PRODUCTION DE CETTE BOUGIE

(71) NGK SPARK PLUG CO., LTD. [JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP).
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(72, 75) SHIBATA, Tsutomu [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho,

- Mizuho-ku, Nagoya-shi, Aichi 467-8525 (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 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 **H01T 13/39**
- (11) **WO 2004/105204** (13) A1
- (21) PCT/JP2004/003831
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) ja (26) ja
- (30) 2003-82491 **25 May/mai 2003 (25.05.2003)** JP
- (30) 2003-151102 **28 May/mai 2003 (28.05.2003)** JP
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **SPARK PLUG**
• **BOUGIE D'ALLUMAGE**
- (71) **NGK SPARK PLUG CO., LTD.** [JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). *MATSUTANI, Wataru* [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). *MATSUBARA, Yoshihiro* [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). *NUNOME, Kenji* [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (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).
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H02B 1/04, 1/052**
- (11) **WO 2004/105205** (13) A1
- (21) PCT/AU2004/000700
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 2003902585 **26 May/mai 2003 (26.05.2003)** AU
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **ELECTRICITY RETICULATION DEVICE**
• **DISPOSITIF DE RETICULATION A ELECTRICITE**
- (71) **K-MAC POWERHEADS PTY LTD** [AU/AU]; A.C.N. 078 225 555, 1 Yarra Street, Geelong, Victoria 3220 (AU). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **COOK, Quentin, David** [AU/AU]; Suite 5, 17 Burgundy Street, Heidelberg, Victoria 3084 (AU). **KELLY, Neale, Terrens** [AU/AU]; Suite 5, 17 Burgundy Street, Heidelberg, Victoria 3084 (AU). **HARRIS, Anthony, Ronald** [AU/AU]; 28 Mercer Parade, Newtown, Victoria 3220 (AU).
- (74) **LESLIE, Keith** et al. / etc.; Davis Collision 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 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 **H02H 7/08, H02P 7/00**
- (11) **WO 2004/105206** (13) A1
- (21) PCT/EP2004/050666
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) de (26) de
- (30) 103 23 908.1 **23 May/mai 2003 (23.05.2003)** DE
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **METHOD AND ARRANGEMENT FOR MONITORING A POWER OUTPUT STAGE**
• **PROCEDE ET ENSEMBLE POUR SURVEILLER UN ETAGE DE PUISSANCE**
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SADER, Frank** [DE/DE]; Sophienstrasse 126, 60487 Frankfurt (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 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 **H02J 3/00, 5/00, H02M 7/00, 11/00, H01F 38/14, B60L 9/00**
- (11) **WO 2004/105207** (13) A1
- (21) PCT/NZ2004/000102
- (22) **26 May/mai 2004 (26.05.2004)**
- (25) en (26) en
- (30) 526109 **26 May/mai 2003 (26.05.2003)** NZ
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **PARALLEL-TUNED PICK-UP SYSTEM WITH MULTIPLE VOLTAGE OUTPUTS**
• **SYSTEME DE DETECTION SYNTONISE EN PARALLELE A SORTIES DE TENSION MULTIPLES**
- (71) **AUCKLAND UNISERVICES LIMITED** [NZ/NZ]; Level 10, 70 Symonds Street, Auckland, 1001 (NZ). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BOYS, John, Talbot** [NZ/NZ]; 2/41 Dominion Street, Takapuna, Auckland, 1309 (NZ).
- (74) **BALDWIN SHELSTON WATERS**; PO Box 5999, Wellesley Street, Auckland, 1001 (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 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 **H02J 3/00, 5/00, H02M 7/00, 11/00, H01F 38/14, B60L 9/00**
- (11) **WO 2004/105208** (13) A1
- (21) PCT/NZ2004/000096
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) 526115 **23 May/mai 2003 (23.05.2003)** NZ

(30) 529869 27 Nov/nov 2003 NZ
(27.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR CONTROL OF INDUCTIVELY COUPLED POWER TRANSFER SYSTEMS
• PROCEDES ET APPAREILS POUR COMMANDER DES SYSTEMES DE TRANSFERT DE PUISSANCE A COUPLAGE INDUCTIF

(71) AUCKLAND UNISERVICES LIMITED [NZ/NZ]; Level 10, 70 Symonds Street, Auckland, 1001 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUSSMAN, Stephan, Helmut [DE/DE]; Winkelsweg 40, 53175 Bonn (DE). HU, Aiguo [NZ/NZ]; 150 Avondale Road, Avondale, Auckland, 1001 (NZ).

(74) BALDWIN SHELSTON WATERS; PO Box 5999, Wellesley Street, Auckland, 1001 (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 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 H02J 7/00

(11) WO 2004/105209 (13) A1

(21) PCT/SE2004/000657

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0301507-0 22 May/mai 2003 SE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENERGY STORAGE
• STOCKAGE D'ENERGIE

(71) SCANIA CV AB (publ) [SE/SE]; Fack, S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDSTRÖM, Johan [SE/SE]; Mariebergsgatan 43, S-611 66 Nyköping (SE).

(74) EGRELIUS, Fredrik; Scania CV AB (publ), Patents UTY byggnad 117, 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 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 H02J 7/14, 1/00

(11) WO 2004/105210 (13) A1

(21) PCT/JP2004/006524

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-142900 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VEHICLE POWER SUPPLY CONTROL APPARATUS AND VEHICLE POWER SUPPLY APPARATUS
• DISPOSITIF DE COMMANDE D'ALIMENTATION EN ENERGIE DE VEHICULE ET DISPOSITIF D'ALIMENTATION EN ENERGIE DE VEHICULE

(71) MIKUNI CORPORATION [JP/JP]; 13-11, Sotokanda 6-chome, Chiyoda-ku, Tokyo, 1010021 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAZAKI, Shigeru [JP/JP]; c/o MIKUNI CORPORATION Odawara Branch, 2480, Kuno, Odawara-shi, Kanagawa, 2500055 (JP).

(74) NISHIYAMA, Yoshiaki et al. / etc.; Asakokyobashi Bldg. 7th Floor, 6-13, 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 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 H02J 7/35

(11) WO 2004/105211 (13) A1

(21) PCT/IB2004/001576

(22) 11 May/mai 2004 (11.05.2004)

(25) fr (26) fr

(30) 03 06021 20 May/mai 2003 FR
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE INCLUDING A HOME AUTOMATION APPARATUS PROVIDED WITH A PHOTOVOLTAIC PANEL

• DISPOSITIF COMPRENANT UN APPAREIL DOMOTIQUE MUNI D'UN PANEAU PHOTOVOLTAIQUE

(71) SOMFY SAS [FR/FR]; 50, Avenue du Nouveau Monde, F-74300 Cluses (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOUREL, Jean-Noël [FR/FR]; Boingsing, F-74250 Viuz en Sallaz (FR). NEUMAN, Serge [FR/FR]; 35 Rue d'Angoulême, F-74600 Seynod (FR).

(74) GROSFILLIER, Philippe et al. / etc.; C/O BUGNION S.A., Case Postale 375, 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 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 H02J 9/06, H01M 8/18

(11) WO 2004/105212 (13) A1

(21) PCT/US2003/036461

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/439,204 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER SYSTEM FOR A TELECOMMUNICATION FACILITY
• SYSTEME ELECTRIQUE POUR INSTALLATION DE TELECOMMUNICATION

(71) SPRINT COMMUNICATIONS COMPANY L.P. [US/US]; 6391 Sprint Parkway, Overland Park, KS 66251-2100 (US).

(72) JOHNSON, Larry; 9423 Goddard, Overland Park, KS 66214 (US). BILLIGMEIER, John; 12127 W. 48th Street, Shawnee, KS 66216 (US). LIEB, Julie; 8914 High Drive, Leawood, KS 66206 (US).

(74) EATON, Christopher, J. et al. / etc.; Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MI 64108-2613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/105213 (13) A2

(21) PCT/US2004/005918

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/438,989 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PERMANENT MAGNET ELECTRIC GENERATOR
• GENERATEUR ELECTRIQUE A AIMANTS PERMANENTS

(71, 72) MURRAY, David [US/US]; 7 Greenville Street, Apartment 4, Roxbury, Massachusetts 02119 (US).

(74) LITMAN, Richard, C. et al. / etc.; Litman Law Offices, Ltd., P. O. Box 15035, Crystal City Station, Arlington, Virginia 22215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/16, 15/02, 15/16

(11) WO 2004/105214 (13) A2

(21) PCT/EP2004/005525

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,707 **21 May/mai 2003** US
(21.05.2003)

(30) 60/484,453 **1 Jul/juil 2003** US
(01.07.2003)

(30) 60/487,565 **14 Jul/juil 2003** US
(14.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHODS FOR WINDING DYNAMO-ELECTRIC MACHINE COMPONENTS

• PROCEDE ET DISPOSITIF POUR ENROULER DES ELEMENTS DE MACHINE DYNAMO-ELECTRIQUE

(71) AXIS S.P.A. [IT/IT]; I-50028 Tavarnelle Val di Pesa (IT). AXIS USA INC. [US/US]; 2623 Grand Boulevard, Suite 206, Holiday, FL 34690-3001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRATICO, Gianfranco [IT/IT]; Via Antonio Lombardi, 32, I-53100 Siena (IT). BECHERUCCI, Raffaele [IT/IT]; Via San Zenobi, 7, Località Casignano, I-50018 Scandicci (IT).

(74) LOTTI, Giorgio; Ing. Barzanò & Zanardo Milano S.p.A., Corso Vittorio Emanuele II, 61, I-10128 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 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).

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 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)

(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 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 H02K 1/27, 21/22

(11) WO 2004/105215 (13) A1

(21) PCT/US2004/015485

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/440,118 **19 May/mai 2003** US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GENERATOR HAVING AXIALLY ALIGNED STATOR POLES AND/OR ROTOR POLES

• GENERATEUR A POLES DE STATOR ET/OU POLES DE ROTOR ALIGNES AXIALEMENT

(71) WAVECREST LABORATORIES LLC [US/US]; 45600 Terminal Drive, Dulles, VA 20166 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASLOV, Boris, A. [US/US]; 10814 Oldfield Drive, Reston, VA 20191 (US).

(74) WAVECREST LABORATORIES LLC; Intellectual Property Group/bam, 45600 Terminal Drive, Dulles, VA 20166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ H02K 5/26, 15/00

(11) WO 2004/105216 (13) A1

(21) PCT/IT2003/000313

(22) 22 May/mai 2003 (22.05.2003)

(25) it (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ELECTRIC MOTOR FOR MOUNTING IN A MOTOR A SEAT AND METHOD FOR MOUNTING AND POSITIONING IT

• MOTEUR ELECTRIQUE: METHODE DE MONTAGE ET DE POSITIONNEMENT DANS UN SIEGE

(71) RIELLO INTERNATIONAL GROUP S.p.A. [IT/IT]; Via Roma 44, I-37040 Bevilacqua (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIELLO, Valerio, Giordano [IT/IT]; Via Roma, 46, I-37040 Bevilacqua VR (IT).

(74) PERANI, Aurelio et al. / etc.; c/o Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 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 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 NA NI NO NZ OM PG PH PL PT RO RU SC 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 H02K 11/02, 5/22

(11) WO 2004/105217 (13) A1

(21) PCT/US2004/001419

(22) 20 Jan/jan 2004 (20.01.2004)

(25) en (26) en

(30) 60/471,989 20 May/mai 2003 US
(20.05.2003)

(30) 10/645,231 21 Aug/août 2003 US
(21.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EMI SUPPRESSION IN PERMANENT
MAGNET DC MOTORS HAVING PCB
OUTSIDE MOTOR IN CONNECTOR
AND OVERMOLDED

• SUPPRESSION D'EMI DANS DES
MOTEURS CC A AIMANTS PERMA-
NENTS PRESENTANT UN MOTEUR
EXTERNE A CARTE DE CIRCUIT IM-
PRIME CONNECTEE ET SURMOULEE

(71) SIEMENS VDO AUTOMOTIVE COR-
PORATION [US/US]; 2400 Executive Hills
Drive, Auburn Hills, Michigan 48326-2980
(US).

(72, 75) THOMSON, Kenneth Scott [US/US];
5451 River Chase Drive, Flowery Branch,
Georgia 30542 (US). BENT, Robert
F. [US/US]; 7225 Plum Creek Drive,
Gainesville, Georgia 30507 (US).

(74) NUZZI, Frank J. et al. / etc.; Siemens
Corporation- Intellectual Property Dept.,
170 Wood Avenue South, Iselin, New Jersey
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 PT 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 15/095, 15/04

(11) WO 2004/105218 (13) A1

(21) PCT/EP2004/005477

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,862 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • APPARATUS AND METHOD FOR
WINDING WIRE COILS FOR DY-
NAMO-ELECTRIC MACHINE COM-
PONENTS

• APPAREIL ET PROCEDE DESTINES
A ENROULER DES BOBINES DE FIL
POUR COMPOSANTS DE MACHINES
DYNAMOELECTRIQUES

(71) AXIS S.P.A. [IT/IT]; I-50028 Tavarnelle
Val di Pesa (IT). AXIS USA INC. [US/US];
2623 Grand Boulevard, Suite 206, Holiday,
FL 34690-3001 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STRATICO', Gianfranco [IT/IT]; Via
Antonio Lombardi, 32, I-53100 Siena (IT).
BECHERUCCI, Raffaele [IT/IT]; Via San
Zenobi, 7, Località Casignano, I-50018 Scan-
dicei (IT).

(74) LOTTI, Giorgio; Ing. Barzanò & Zanardo
Milano S.p.A., Corso Vittorio Emanuele II,
61, I-10128 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 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).

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 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ H02K 41/02

(11) WO 2004/105219 (13) A1

(21) PCT/JP2004/006446

(22) 13 May/mai 2004 (13.05.2004)

(25) ja (26) ja

(30) 2003-141389 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LINEAR MOTOR ARMATURE AND
LINEAR MOTOR USING THE SAME

• INDUIT DE MOTEUR LINEAIRE ET
MOTEUR LINEAIRE L'UTILISANT

(71) KABUSHIKI KAISHA YASKAWA
DENKI [JP/JP]; 2-1, Kurosaki-shiroishi,
Yahatanishi-ku, kitakyushu-shi Fukuoka,
8060004 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AOKI, Teruhiko [JP/JP]; c/o Kabushiki
Kaisha Yaskawa Denki 2-1, Kurosaki-shi-
roishi, Yahatanishi-ku, kitakyushu, u-shi
Fukuoka, 8060004 (JP). YU, Jianping
[CN/JP]; c/o Kabushiki Kaisha Yaskawa
Denki 2-1, Kurosaki-shiroishi, Yahatan-
ishi-ku, kitakyushu, u-shi Fukuoka, 8060004
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 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 H02M

(11) WO 2004/105220 (13) A2

(21) PCT/US2004/015259

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,387 16 May/mai 2003 US
(16.05.2003)

(30) 10/642,424 14 Aug/août 2003 US
(14.08.2003)

(30) 10/642,391 14 Aug/août 2003 US
(14.08.2003)

(30) 10/658,804 9 Sep/sep 2003 US
(09.09.2003)

(30) 10/664,808 17 Sep/sep 2003 US
(17.09.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER MODULE SYSTEM

• SYSTEME DE MODULE DE PUIS-
SANCE

(71) BALLARD POWER SYSTEMS CORPO-
RATION [US/US]; 15001 Commerce Drive
North, Dearborn, Michigan 48120 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AHMED, Sayeed [BD/US]; #201-5634
Fordham Circle, Canton, Michigan 48187
(US). FLETT, Fred [US/US]; 4031 Pine
Tree Trail, Bloomfield, Michigan 48302
(US). MALY, Douglas, K. [US/US]; 870
Glenullin Drive, Canton, Michigan 48187
(US). PATWARDHAN, Ajay, V. [IN/US];
46213 Polo, Canton, Michigan 48187 (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 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 H02M 3/07

(11) WO 2004/105221 (13) A1

(21) PCT/JP2004/006906

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-141603 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER SUPPLY VOLTAGE CON-
VERTING CIRCUIT, METHOD FOR
CONTROLLING THE SAME, DISPLAY
DEVICE, AND MOBILE TERMINAL
• CIRCUIT DE CONVERSION DE TEN-
SION D'ALIMENTATION, METHODE
POUR COMMANDER CE CIRCUIT,
DISPOSITIF D'AFFICHAGE ET TER-
MINAL MOBILE

(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) NAKAJIMA, Yoshiharu [JP/JP] KIDA,
Yoshitoshi [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 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 H02M 3/155

(11) WO 2004/105222 (13) A1

(21) PCT/JP2004/006730

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-145428 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PULSE GENERATOR
• GENERATEUR D'IMPULSION

(71) DENSEI-LAMBDA KABUSHIKI
KAISHA [JP/JP]; 11-15, Higashigotanda
1-chome, Shinagawa-ku Tokyo, 1410022
(JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TAKEGAMI, Eiji [JP/JP]; c/o DEN-
SEI-LAMBDA KABUSHIKI KAISHA,
11-15, Higashigotanda 1-chome, Shina-
gawa-ku Tokyo, 1410022 (JP).

(74) USHIKI, Mamoru; 14th Fl., Toranomon
Mitsui Bldg. 8-1, 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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Published / Publiée : (b)

(51)⁷ H02M 3/158, 3/335

(11) WO 2004/105223 (13) A1

(21) PCT/IB2004/050681

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101449.1 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SWITCH MODE POWER SUPPLY
APPARATUS WITH MULTIPLE REG-
ULATED OUTPUTS AND A SINGLE
FEEDBACK LOOP

• APPAREIL A ALIMENTATION A DE-
COUPAGE COMPORTANT DE MUL-
TIPLS SORTIES REGULEES ET UNE
SEULE BOUCLE DE RETROACTION

(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) MIERMANS, Hubertus, C. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (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 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).

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 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 H02M 7/217, G01R 19/22

(11) WO 2004/105224 (13) A1

(21) PCT/FI2004/000312

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 20030772 22 May/mai 2003 FI
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A CURRENT RECTIFIER CIRCUIT, ITS
USE AND METHOD IN A PARALLEL
PROCESSOR NETWORK

• CIRCUIT REDRESSEUR DE COU-
RANT, SON UTILISATION ET PRO-
CEDE ASSOCIE DE MISE EN OEUVRE
DANS UN RESEAU DE PROCESSEURS
PARALLELES

(71, 72) PAASIO, Ari [FI/FI]; Hollanterinpolku
4, FI-20660 Littoinen (FI). POIKONEN,
Jonne [FI/FI]; Laitiokatu 4 B 9, FI-21260
Raisio (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 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).

Published / Publiée : (c)

(51)⁷ H02M 7/48

(11) WO 2004/105225 (13) A2

(21) PCT/CH2004/000314

(22) 25 May/mai 2004 (25.05.2004)

(25) de (26) de

(30) 03405372.8 26 May/mai 2003 EP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONVERTER CIRCUIT

• CIRCUIT CONVERTISSEUR

(71) **ABB SCHWEIZ AG** [CH/CH]; Boveri Strasse 6, CH-5400 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEIMER, Peter** [CH/CH]; Schlierenbach 16, CH-5424 Unterehrendingen (CH).

(74) **ABB SCHWEIZ AG**; Intellectual Property (CH-LC/IP), 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 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 **H02M 7/523, 7/525, H02J 3/00, 5/00**

(11) **WO 2004/105226** (13) A1

(21) PCT/NZ2004/000097

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 526116 **23 May/mai 2003** NZ
(23.05.2003)

(30) 529869 **27 Nov/nov 2003** NZ
(27.11.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FREQUENCY CONTROLLED RESONANT CONVERTER

• CONVERTISSEUR AUTO-OSCILLANT A REGULATION DE FREQUENCE

(71) **AUCKLAND UNISERVICES LIMITED** [NZ/NZ]; Level 10, 70 Symonds Street, Auckland, 1001 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUSSMAN, Stephan, Helmut** [DE/DE]; Winkelsweg 40, 53175 Bonn (DE). **HU, Aiguo** [NZ/NZ]; 150 Avondale Road, Avondale, Auckland, 1007 (NZ).

(74) **BALDWIN SHELSTON WATERS**; PO Box 5999, Wellesley Street, Auckland, 1001 (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 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 **H02M 7/5387**

(11) **WO 2004/105227** (13) A1

(21) PCT/EP2004/050594

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) SV2003A000022 **22 May/mai 2003** IT
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGHLY FAIL-SAFE POWER GENERATOR, PARTICULARLY FOR RAIL SYSTEMS, OR THE LIKE

• GENERATEUR D'ELECTRICITE A SECURITE ABSOLUE DESTINE, NOTAMMENT, A DES SYSTEMES FERROVIAIRES OU SIMILAIRES

(71) **ALSTOM FERROVIARIA S.p.a** [IT/IT]; ALSTOM FERROVIARIA S.p.a, v. Moreno 23, I-12038 Savigliano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARPANELLI, Maurizio** [IT/IT]; v. Turati 28/2, I-40128 Bologna (IT). **GIOVANNUCCI, Andrea** [IT/IT]; v. Sant'Isaia 6/5, I-40128 Bologna (IT). **MARZOLA, Roberto** [IT/IT]; v. A. Pitteri 9/A, I-44100 Ferrara (IT).

(74) **KARAGHIOSOFF, Alessandro Giorgio**; Studio Karaghiosoff e Frizzi S.a.s., via Pecorelle 25, I-17015 Celle Ligure (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 6/10**

(11) **WO 2004/105228** (13) A1

(21) PCT/NL2004/000375

(22) **26 May/mai 2004 (26.05.2004)**

(25) nl (26) en

(30) 1023532 **26 May/mai 2003** NL
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SPEED REGULATOR FOR A BRUSHLESS DC MOTOR

• REGULATEUR DE VITESSE D'UN MOTEUR SANS BALAIS A COURANT CONTINU

(71) **INNOSOURCE B.V.** [NL/NL]; Madame Curiestraat 6, NL-2171 TW Sassenheim (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLERMONT, Franciscus, Maria, Henricus** [NL/NL]; 't Hofke 72, NL-5641 AM Eindhoven (NL).

(74) **VAN WESTENBRUGGE, Andries**; Nederlandsch Octrooibureau, Scheveningsweg 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 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).

Published / Publiée : (c)

(51)⁷ **H03B 19/00**

(11) **WO 2004/105229** (13) A1

(21) PCT/US2004/015469

(22) **18 May/mai 2004 (18.05.2004)**

(25) en (26) en

(30) 10/441,333 **20 May/mai 2003** US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DELAY LINE BASED MULTIPLE FREQUENCY GENERATOR CIRCUITS FOR CDMA PROCESSING

• CIRCUITS A GENERATEUR DE FREQUENCES MULTIPLES UTILISANT UNE LIGNE A RETARD POUR TRAITEMENT AMRC

(71) **MOTOROLA, INC., a corporation of the State of Delaware** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMERLIN, Andrew** [US/US]; 10946 N.W. 56th Court, Coral Springs, FL 33076 (US). **STENGEL, Robert, E.** [US/US]; 2301 S.E. 9th Street, Pompano Beach, FL 33062 (US).

(74) **DOUTRE, Barbara, R. et al. / etc.**; 8000 West Sunrise Boulevard, Room 1610, Plantation, 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 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).

Published / Publiée : (c)

(51)⁷ **H03D 3/02, G01N 13/10**

(11) **WO 2004/105230** (13) A1

(21) PCT/JP2004/007319

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-144728 22 May/mai 2003 JP
(22.05.2003)(30) 2003-144729 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FM SIGNAL DEMODULATION
METHOD AND DEVICE THEREOF• PROCEDE DE DEMODULATION DE
SIGNAL FM ET DISPOSITIF DE REA-
LISATION DE CE PROCEDE(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) KOBAYASHI, Dai [JP/JP]; Room
303, 31-15, Kitakasuyama, 8-chome,
Setagaya-ku, Tokyo 157-0061 (JP).
KAWAKATSU, Hideki [JP/JP]; 9-18,
Oyamada 1-chome, Setagaya-ku, Tokyo
158-0086 (JP).(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 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 H03F

(11) WO 2004/105231 (13) A2

(21) PCT/US2004/015856

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,356 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SMART LINEARIZED POWER AMPLI-
FIER AND RELATED SYSTEMS AND
METHODS• AMPLIFICATEUR DE PUISSANCE
LINEAISE INTELLIGENT, ET SYS-
TEMES ET PROCEDES ASSOCIES(71) OEPIC, INC. [US/US]; 1231 Bordeaux
Drive, Sunnyvale, CA 94089 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) YUEN, Cindy [US/US]; 20380 Kil-
bride Court, Saratoga, CA 95070 (US).
LAURSEN, Kirk [US/US]; 2770 Brook
Grove Lane, Atlanta, GA 30339 (US). CHU,
Duc [US/US]; 1093 Horcajo Circle, Milpitas,
CA 95035 (US).(74) WILLMAN, George, A. et al. / etc.; Wil-
son Sonsini Goodrich & Rosati, 650 Page Mill
Road, Palo Alto, CA 94304-1050 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H03F 1/32

(11) WO 2004/105232 (13) A1

(21) PCT/JP2004/007104

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-147989 26 May/mai 2003 JP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AMPLIFICATION DEVICE

• DISPOSITIF D'AMPLIFICATION

(71) HITACHI KOKUSAI ELECTRIC INC.
[JP/JP]; 14-20, Higashi-Nakano 3-chome,
Nakano-ku, Tokyo, 1648511 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HARAMOTO, Ryoki [JP/JP]; c/o HI-
TACHI KOKUSAI ELECTRIC INC., 14-20,
Higashi-Nakano 3-chome, Nakano-ku,
Tokyo, 1648511 (JP). DOSAKA, Junya
[JP/JP]; c/o HITACHI KOKUSAI ELEC-
TRIC INC., 14-20, Higashi-Nakano 3-chome,
Nakano-ku, Tokyo, 1648511 (JP).(74) MORIYAMA, Tatsuo et al. / etc.; No.6
Mitomo Bldg. 8F, 7-10, Ebisu-nishi 2-chome,
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 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).

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 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)(t) for the following designation / pour la
designation suivante : US(51)⁷ H03F 3/217, H03M 1/82

(11) WO 2004/105233 (13) A1

(21) PCT/DK2004/000361

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) PCT/DK03/00334 20 May/mai 2003 DK
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF ESTIMATING AN IN-
TERSECTION BETWEEN AT LEAST
TWO CONTINUOUS SIGNAL REPRE-
SENTATIONS• PROCEDE PERMETTANT D'ESTIMER
UNE INTERSECTION ENTRE AU
MOINS DEUX REPRESENTATIONS
DE SIGNAL CONTINU(71) TC ELECTRONIC A/S [DK/DK]; Sin-
dalsvej 34, DK-8240 Risskov (DK).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PEDERSEN, Kim, Rishej [DK/DK];
Skæring Sandager 54, DK-8250 Egå (DK).
ARKNÆS-PEDERSEN, Lars [DK/DK];
Bernstorffsvej 13, DK-8260 Viby J (DK).(74) PATENTGRUPPEN ApS; Arosgaarden,
Aaboulevarden 31, 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H03F 3/45, H03H 11/04

(11) WO 2004/105234 (13) A1

(21) PCT/IB2004/001699

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 0311906.2 23 May/mai 2003 GB
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVEMENTS IN OR RELATING
TO TRANSDUCTOR CIRCUITS• PERFECTIONNEMENTS APPORTES
AU CIRCUITS TRANSDUC-
TEURS(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) HUGHES, John, B. [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 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).

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 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 H03F 3/45, 3/72, 3/30, 1/52

(11) WO 2004/105235 (13) A1

(21) PCT/US2004/012604

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/441,744 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DYNAMIC METHOD FOR LIMITING THE REVERSE BASE-EMITTER VOLTAGE

• PROCEDE DYNAMIQUE DE LIMITATION DE LA TENSION BASE-EMETTEUR INVERSE

(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) BANKMAN, Jesse, R. [US/US]; 40 Kenton Road, Jamaica Plain, MA 02130 (US). TAM, Kimo, Y., F. [US/US]; 11 Brooks Road, Lincoln, MA 01773 (US).

(74) PRITZKER, Randy, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, 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).

Published / Publiée : (c)

(51)⁷ H03G 3/30

(11) WO 2004/105236 (13) A1

(21) PCT/JP2004/007287

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-146222 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DETECTION CIRCUIT AND DETECTION CIRCUIT ADJUSTMENT METHOD

• CIRCUIT DE DETECTION ET PROCEDE D'AJUSTEMENT DUDIT CIRCUIT

(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) TATENO, YoshihideKOSAKA, HirofumiSASAKI, Makoto

(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 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 H03H 9/02, 9/25, 9/17, 3/02, 3/08, H01L 41/107, 41/22

(11) WO 2004/105237 (13) A1

(21) PCT/JP2004/004992

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-147096 26 May/mai 2003 JP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PIEZOELECTRIC ELECTRONIC COMPONENT, AND PRODUCTION METHOD THEREFOR, COMMUNICATION EQUIPMENT

• COMPOSANT ELECTRONIQUE PIEZOELECTRIQUE, SON PROCEDE DE PRODUCTION, EQUIPEMENT 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) KUBO, Ryuichi [JP/JP]; c/o Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP). FUJII, Hidetoshi [JP/JP]; c/o Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP). AIZAWA, Naoko [JP/JP]; c/o Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP).

(74) MIYAZAKI, Chikara et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03J

(11) WO 2004/105238 (13) A2

(21) PCT/IB2004/002082

(22) 24 May/mai 2004 (24.05.2004)

(25) en (26) en

(30) 60/473,067 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AN ENCLOSURE AND SUBSTATE STRUCTURE FOR A TUNER MODULE

• STRUCTURE DE BOITIER ET DE SUBSTRAT POUR MODULE TUNER

(71) RFSTREAM CORPORATION [JP/JP]; 25 F, Namba Parks Tower, 2-10-70 Namba-naka, Naniwa-ku, Osaka 556-0011 (JP).

(72) OKUI, Kazunori; 6149 Joaquin Murieta Ave, #B, Newark, CA 94560 (US). OGASAWARA, Hiroshi; 25-69 Moegino, Aoba-ku, Yokohama-shi, Kanagawa-ken 227-0044 (JP). KAMATA, Takatsugu; 25-7-604 Chigasaki-Chyuo Tsuzuki-ku, Yokohama, Kanagawa 224-0032 (JP). FUJII, Keiichi; 6196 Tracel Drive, San Jose, CA 65129 (US). LI, Christopher; 1122 Lillick Drive, Sunnyvale, CA 94087 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H03J

(11) WO 2004/105239 (13) A2

(21) PCT/US2004/010755

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/439,476 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • EFFICIENT COUPLER DETECTOR CIRCUIT WITH REDUCED HARMONIC DISTORTION

• CIRCUIT DETECTEUR COUPLEUR EFFICACE A DISTORSION HARMONIQUE REDUITE

(71) SKYWORKS SOLUTIONS, INC. [US/US]; 5221 California Ave., Irvine, CA 92612 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WYSE, Russell [US/US]; 3979 Gie Dr., Center Pt, IA 52213 (US). CEBI, Haki [TR/US]; 2552 Oxford Ln NW, Apt #11, Cedar Rapids, IA 52405 (US). SHIE, Terry, J. [US/US]; 304 Teakwood Ln NE, Cedar Rapids, IA 52402 (US).

(74) FARJAMI, Michael; Farjami & Farjami LLP, 26522 La Alameda Avenue, Suite 360, Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03J 3/22, H04B 1/18, G04C 9/02, G04G 5/00

(11) WO 2004/105240 (13) A1

(21) PCT/JP2004/007211

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-141573 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TUNIGN DEVICE AND RADIO-WAVE CORRECTED TIMEPIECE

• DISPOSITIF DE SYNCHRONISATION ET COMPTEUR DE TEMPS CORRIGE PAR ONDE RADIO

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-0011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IHARA, Takashi [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-0011 (JP).

(74) HATA, Yasuyuki; Akasaka-Taisei Bldg., 1-18, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H03K 3/037, G06F 12/16, G11C 29/00

(11) WO 2004/105241 (13) A1

(21) PCT/JP2003/006356

(22) 21 May/mai 2003 (21.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FLIP-FLOP CIRCUIT HAVING MAJORITY DECISION LOGIC CIRCUIT

• CIRCUIT BISTABLE PRESENTANT UN CIRCUIT LOGIQUE A DECISION MAJORITAIRE

(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) SATSUKAWA, Yoshihiko [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 US.

(51)⁷ H03K 7/08

(11) WO 2004/105242 (13) A2

(21) PCT/DK2003/000334

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF ESTIMATING AN INTERSECTION BETWEEN AT LEAST TWO CONTINUOUS SIGNAL REPRESENTATIONS

• PROCEDE POUR ESTIMER UNE INTERSECTION ENTRE AU MOINS DEUX REPRESENTATIONS CONTINUES DE SIGNAUX

(71) TC ELECTRONICS A/S [DK/DK]; Sindalsvej 34, DK-8240 Risskov (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEDERSEN, Lars, Arknaes [DK/DK]; Bernstorffsvej 13, DK-8260 Viby J (DK). PEDERSEN, Kim, Rishøj [DK/DK]; Skæring Sandager 54, DK-8250 Egå (DK).

(74) PATENTGRUPPEN ApS; Arosgården, Åboulevarden 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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).

Published / Publiée : (i)

(51)⁷ H03K 17/687

(11) WO 2004/105243 (13) A2

(21) PCT/US2004/012371

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/471,109 16 May/mai 2003 US (16.05.2003)

(30) 10/643,750 18 Aug/août 2003 US (18.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BOOST CIRCUIT

• CIRCUIT SURVOLTEUR

(71) TRIQUINT SEMICONDUCTOR, INC. [US/US]; 2300 NE Brookwood Parkway, 2300 NE Brookwood Parkway, Hillsboro, Oregon 97124 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRUBLE, Wayne, M. [US/US]; 5C Hawthorne Village, 5C Hawthorne Village, Franklin, Massachusetts 02038 (US).

(74) BEVER, HOFFMAN AND HARMS, LLP; 1432 Concannon Blvd., Building G, Livermore, CA 94550-6006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/96

(11) WO 2004/105244 (13) A2

(21) PCT/US2004/014970

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,961 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TWO WIRE TOUCH SENSOR INTER-
FACE
• INTERFACE A CAPTEUR TACTILE A
DEUX FILS

(71) TOUCHSENSOR TECHNOLOGIES,
LLC [US/US]; 203 N. Gables Boulevard,
Wheaton, IL 60187 (US).

(72) HOEKSTRA, Eric, J.; 16418 Ransom
Street, Holland, MI 49424 (US).

(74) VRLA, Mark, P.; Jenner & Block LLP, One
IBM Plaza, Chicago, IL 60611 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H03K 19/00

(11) WO 2004/105245 (13) A2

(21) PCT/US2004/015910

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,175 20 May/mai 2003 US
(20.05.2003)(30) 10/848,690 17 May/mai 2004 US
(17.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HALF-SWING LINE PRECHARGE
METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE PRE-
CHARGE DE LIGNES A DEMI-EX-
CURSIONS

(71) CRAY INC. [US/US]; 411 First Ave. S.,
Suite 800, Seattle, WA 98104-2860 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) WIKSTROM, Jan A. [US/US]; 8733
164th Street, Chippewa Falls, WI 54729
(US).

(74) LEMAIRE, Charles A.; 1500 RIVERVIEW
OFFICE TOWER, 8009 S. 34TH AVE.,
BLOOMINGTON, MN 55425-1608 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H03K 19/173

(11) WO 2004/105246 (13) A2

(21) PCT/EP2004/004079

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 10323012.2 21 May/mai 2003 DE
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTEGRATED CIRCUIT ARRANGE-
MENT, AND METHOD FOR PRO-
GRAMMING AN INTEGRATED CIR-
CUIT ARRANGEMENT
• CIRCUIT INTEGRE ET PROCEDE DE
PROGRAMMATION D'UN CIRCUIT
INTEGRE

(71) AUSTRIAMICROSYSTEMS AG
[AT/AT]; Schloss Premstätten, A-8141 Un-
terpremstätten (AT).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BÜHLER, Tobias [AT/AT]; Techniker-
str. 3, A-8010 Graz (AT). HAIPLIK, Holger
[AT/AT]; Zerlacherweg 33, A-8053 Graz
(AT). JESSENIG, Thomas [AT/AT]; Gries-
gasse 9, A-9020 Klagenfurt (AT). LUEGER,
Manfred [AT/AT]; Mettersdorf 4, A-8504
Preding (AT).

(74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH; Ri-
dlerstrasse 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 DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 23/00

(11) WO 2004/105247 (13) A1

(21) PCT/JP2004/006628

(22) 17 May/mai 2004 (17.05.2004)

(25) ja (26) ja

(30) 2003-142518 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VARIABLE DIVISION METHOD AND
VARIABLE DIVIDER

• PROCEDE DE DIVISION VARIABLE
ET DIVISEUR VARIABLE

(71) NIPPON TELEGRAPH AND TELE-
PHONE CORPORATION [JP/JP]; 3-1,
Otemachi 2-chome, Chiyoda-ku Tokyo,
1008116 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HARADA, Mitsuru [JP/JP]; c/o NTT
Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi Tokyo,
1808585 (JP). YAMAGISHI, Akihiro
[JP/JP]; c/o NTT Intellectual Property Center,
9-11, Midori-cho 3-chome, Musashino-shi
Tokyo, 1808585 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa In-
ternational Patent Office, 8th Floor, Shuwa-
Tameike Building, 4-2, Nagatacho 2-chome,
Chiyoda-ku Tokyo, 1000014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H03L 7/107, H04B 1/707

(11) WO 2004/105248 (13) A1

(21) PCT/IB2004/001554

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/445,311 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROGRAMMABLE LOOP FILTER FOR
CODE TRACKING LOOP SYSTEM
• FILTRE A BOUCLE PROGRAMMABLE
POUR SYSTEME DE BOUCLE DE
POURSUIVE DE CODE

(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) MANNERMAA, Jari [FI/FI]; Ter-
varinne 9, FIN-24280 Salo (FI).

(74) COHAUSZ & FLORACK (24); Bleich-
strasse 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 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 H03L 7/187

(11) WO 2004/105249 (13) A2

(21) PCT/EP2004/006063

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03/06145 22 May/mai 2003 FR
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VOLTAGE SHIFT CONTROL CIRCUIT
FOR PLL

• CIRCUIT DE COMMANDE DE DECA-
LAGE DE TENSION POUR PLL

(71) EADS TELECOM [FR/FR]; Rue
Jean-Pierre Timbaud, Batiment Jean-Pierre
Timbaud, F-78180 Montigny Le Bretonneux
(FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROBBE, Michel [FR/FR]; 36 bis, rue
du Maréchal Maunoury, F-78700 Conflans-
Sainte-Honorine (FR). GUEGNAUD, Hervé
[FR/FR]; 41, rue de Noirmoutier, F-78310
Maurepas (FR).

(74) LOISEL, Bertrand 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 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03M

(11) WO 2004/105250 (13) A2

(21) PCT/US2004/009866

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/470,712 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR REP-
RESENTING IMAGE GRANULARITY
BY ONE OR MORE PARAMETERS

• PROCEDE ET APPAREIL DE REPRE-
SENTATION DE LA GRANULARITE
D'UNE IMAGE PAR UN OU PLU-
SIEURS PARAMETRES

(71) THOMSON LICENSING S.A. [FR/FR];
46, Quai A. Le Gallo, F-92648 Boulogne
(FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOMILA, Cristina [ES/US]; 25C
Chestnut Court, Princeton, NJ 08540 (US).
KOBILANSKY, Alexander [US/US]; 17
Seneca Road, Ossining, NY 10562 (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).

(51)⁷ H03M 3/00

(11) WO 2004/105251 (13) A1

(21) PCT/US2004/016005

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,183 21 May/mai 2003 US
(21.05.2003)

(30) 60/477,067 9 Jun/juin 2003 US
(09.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A SIGMA-DELTA MODULATOR WITH
REDUCED SWITCHING RATE FOR
USE IN CLASS-D AMPLIFICATION

• MODULATEUR SIGMA-DELTA A CA-
DENCE DE COMMUTATION REDUITE
DESTINE A ETRE UTILISE DANS UNE
AMPLIFICATION DE CLASSE D

(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) ADAMS, Robert, W. [US/US]; 19
Overlook Drive, Acton, MA 01720 (US).
HOSSACK, David [GB/US]; 42 Pemberton
Street, #3, Cambridge, MA 02140 (US).
GAALAAS, Eric [US/US]; One Technol-
ogy Way, P.O. Box 9106, Norwood, MA
02062-9106 (US).

(74) CONNORS, Matthew, E. et al. / etc.;
Gauthier & Connors, LLP, Suite 3300, 225
Franklin 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 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).

Published / Publiée : (c)

(51)⁷ H03M 5/14, G11B 20/14

(11) WO 2004/105252 (13) A1

(21) PCT/IB2004/050722

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 03101439.2 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TWO-DIMENSIONAL MODULATION
ENCODING FOR HIGH DENSITY OP-
TICAL STORAGE

• CODAGE BIDIMENSIONNEL PAR
MODULATION POUR STOCKAGE OP-
TIQUE HAUTE DENSITE

(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) IMMINK, Albert, H., J. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). COENE, Willem, M., J., M. [BE/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
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 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).

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 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 H03M 7/30

(11) WO 2004/105253 (13) A1

(21) PCT/JP2004/007236

(22) 20 May/mai 2004 (20.05.2004)

(25) ja (26) ja

(30) 2003-142975 21 May/mai 2003 JP
(21.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DATA PROCESSING DEVICE, ENCODING DEVICE, ENCODING METHOD, DECODING DEVICE, DECODING METHOD, AND PROGRAM
- DISPOSITIF DE TRAITEMENT DE DONNEES, DISPOSITIF DE CODAGE, METHODE DE CODAGE, DISPOSITIF DE DECODAGE, METHODE DE DECODAGE ET PROGRAMME CORRESPONDANT
- (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) MATSUMOTO, Jun [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). NISHIGUCHI, Masayuki [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 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04B
- (11) WO 2004/105255 (13) A2
- (21) PCT/US2004/012547
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 10/438,594 15 May/mai 2003 US (15.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CURRENT REDUCTION IN A COMMUNICATION DEVICE
- REDUCTION DE COURANT DANS UN DISPOSITIF DE COMMUNICATION
- (71) MOTOROLA INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOOS, John P. [US/US]; 698 West Trail North, Grayslake, IL 60030 (US). GREEN, Steven R. [US/CA]; 718 Cedar Bend Drive, Waterloo, Ontario N2V2R2 (CA).
- (74) LOPPNOW, Matthew C. et al. / etc.; 600 North US Highway 45, Libertyville, Illinois 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 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 H04B
- (11) WO 2004/105254 (13) A2
- (21) PCT/US2004/012156
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 60/471,159 16 May/mai 2003 US (16.05.2003)
- (30) 60/475,585 4 Jun/juin 2003 US (04.06.2003)
- (30) 10/730,671 8 Dec/déc 2003 US (08.12.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • COORDINATION OF BEAM FORMING IN WIRELESS COMMUNICATION SYSTEMS
- COORDINATION DE MISE EN FORME DE FAISCEAUX DANS DES SYSTEMES DE COMMUNICATION SANS FIL
- (71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLDBERG, Steven, Jeffrey [US/US]; 1017 Chiswell Drive, Downingtown, PA 19335 (US). CHOTKOWSKI, Kimberly [US/US]; 322 Twin Pond Drive, West Chester, PA 19382-1942 (US).
- (74) BALLARINI, Robert, J.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/105256 (13) A2
- (21) PCT/US2004/014992
- (22) 13 May/mai 2004 (13.05.2004)
- (25) en (26) en
- (30) 60/470,992 16 May/mai 2003 US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SYSTEMS AND METHODS FOR HANDOVER BETWEEN SPACE BASED AND TERRESTRIAL RADIOTERMINAL COMMUNICATIONS, AND FOR MONITORING TERRESTRIALLY REUSED SATELLITE FREQUENCIES AT A RADIOTERMINAL TO REDUCE POTENTIAL INTERFERENCE
- SYSTEMES ET PROCEDES DE TRANSFERT ENTRE DES COMMUNICATIONS TERRESTRES ET SPATIALES DE TERMINAL RADIO, ET DE SURVEILLANCE DE FREQUENCES SATELLITES REUTILISEES SUR TERRE AU NIVEAU D'UN TERMINAL RADIO EN VUE DE DIMINUER UNE INTERFERENCE POTENTIELLE
- (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) DUTTA, Santanu [US/US]; 201 Tawny Ridge Lane, Cary, NC 27513 (US). KARABINIS, Peter, D. [US/US]; 101 Chalon Drive, Cary, NC 27511 (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 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 H04B
- (11) WO 2004/105257 (13) A2
- (21) PCT/US2004/015379
- (22) 14 May/mai 2004 (14.05.2004)
- (25) en (26) en
- (30) 60/470,744 14 May/mai 2003 US (14.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DISTRIBUTED MEDIA MANAGEMENT APPARATUS AND METHOD
- APPAREIL ET PROCEDE DE GESTION DE MEDIA DISTRIBUE
- (71) DIGITAL DECK, INC. [US/US]; 3 Twin Dolphin Drive, Suite 160, Redwood City, CA 95065 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72) SCHEELKE, Erik; 1010 Kenmore Court, Cupertino, CA 95014 (US).
- (74) HAVERSTOCK, Thomas, B.; Haverstock & Owens LLP, 162 North 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 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 H04B

(11) WO 2004/105258 (13) A2

(21) PCT/US2004/015704

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,417 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WEARABLE ELECTRONIC DEVICE WITH MULTIPLE DISPLAY FUNCTIONALITY

• DISPOSITIF ELECTRONIQUE PORTATIF PRESENTANT UNE FONCTIONNALITE D'AFFICHAGE MULTIPLE

(71) TIMEX GROUP B.V. [NL/NL]; Koningslaan 34, NL-1075 AD Amsterdam (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PLANCON, Michel, G. [FR/FR]; 10B Chemin des Justices, F-25000 Besançon (FR). GALIE, Louis, M. [US/US]; 141 Brushy Hill, Newtown, CT 06470 (US). SCHWARTZ, Herbert [DE/DE]; Luzernesstrasse 10, 75449 Wurmberg (DE). STOTZ, Gerhard [DE/DE]; Kirchsteige 43, 75239 Eisingen (DE). LIZZI, Ronald, S. [US/US]; 96 Watch Hill Drive, Southbury, CT 06488 (US).

(74) SCHAIRER, Arthur, G.; Carmody & Torrance LLP, 50 Leavenworth Street, P.O. Box 1110, Waterbury, CT 06721-1110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04B

(11) WO 2004/105259 (13) A2

(21) PCT/US2004/015815

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/440,090 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR COMMUNICATING WITH ONE OF PLURAL DEVICES ASSOCIATED WITH A SINGLE TELEPHONE NUMBER DURING A DISASTER AND DISASTER RECOVERY

• PROCEDE ET APPAREIL DE COMMUNICATION AVEC L'UN D'UNE PLURALITE DE DISPOSITIFS ASSOCIES A UN SEUL NUMERO DE TELEPHONE PENDANT UNE CATASTROPHE ET LA RECUPERATION APRES UNE CATASTROPHE

(71) ASCENDENT TELECOMMUNICATIONS, INC. [US/US]; 17141 Ventura Blvd., Suite 204, Encino, CA 91316 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FORTE, Stephen, P.; Ascendent Telecommunications, Inc., 17141 Ventura Blvd., Suite 204, Encino, CA 91316 (US). *(only for / seulement pour US)*

(74) MINUTOLI, Gianni; 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 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 H04B

(11) WO 2004/105260 (13) A2

(21) PCT/US2004/009536

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/440,330 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMPOUND GALOIS FIELD ENGINE AND GALOIS FIELD DIVIDER AND SQUARE ROOT ENGINE AND METHOD

• MOTEUR DE CHAMP DE GALOIS EN COMPOSITION AVEC UN MOTEUR A DIVISEUR ET RACINE CARREE DE CHAMP DE GALOIS ET PROCEDE CORRESPONDANT

(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) STEIN, Yosef [IL/US]; 4 Turning Mill Road, Sharon, MA 02067 (US). KABLOT-SKY, Joshua, A. [US/US]; 2191 Bay Road, Sharon, MA 02067 (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 H04B 1/036, H05K 5/00, 7/20

(11) WO 2004/105261 (13) A1

(21) PCT/KR2004/001174

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10-2003-0032778 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HOUSING APPARATUS FOR OUTDOOR COMMUNICATION DEVICE

• ENSEMBLE BOITIER POUR DISPOSITIF DE COMMUNICATION EXTÉRIEUR

(71) KMW Inc. [KR/KR]; 65, Youngchon-ri, Tongtan-myon, Hwasong-shi, Kyonggi-do 445-813 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KIM, Duk-Yong [KR/KR]; 65, Youngchon-ri, Tongtan-myon, Hwasong-shi, Kyonggi-do 445-813 (KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga., Chongro-gu, Seoul 110-524 (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 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 H04B 1/08

(11) WO 2004/105262 (13) A1

(21) PCT/EP2004/050668

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 23 467.5 23 May/mai 2003 DE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • MULTIMEDIA TERMINAL
• TERMINAL MULTIMEDIA
- (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) **ZUEHLSORFF, Sven** [DE/DE]; Sallstr. 13, 30171 Hannover (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 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).
- Published / Publiée : (c)
-
- (51)⁷ **H04B 1/40**
- (11) **WO 2004/105263** (13) A1
- (21) PCT/IB2004/050466
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 03136678.3 **23 May/mai 2003 (23.05.2003)** CN
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MULTI-BAND AND MULTI-MODE MOBILE TERMINAL FOR WIRELESS COMMUNICATION SYSTEMS
• TERMINAL MOBILE MULTIBANDE ET MULTIMODE POUR SYSTEMES DE COMMUNICATION SANS FIL
- (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) **LIU, Jigang** [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN).
QIAN, Xuecheng [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN).
- (74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o van der Veer, Johannes, L., 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 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 **H04B 1/707**
- (11) **WO 2004/105265** (13) A1
- (21) PCT/JP2004/007222
- (22) **20 May/mai 2004 (20.05.2004)**
- (25) ja (26) ja

MC NL 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 **H04B 1/707**

(11) **WO 2004/105264** (13) A2

(21) PCT/CA2004/000757

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,789 **23 May/mai 2003 (23.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MIXED DIRECT-INDIRECT ADAPTATION PROCEDURE APPLIED TO RECEIVER FILTER

• PROCEDURE D'ADAPTATION MIXTE DIRECTE ET INDIRECTE APPLIQUEE A UN FILTRE DE RECEPTEUR

(71) **AXIOMCOM INC.** [CA/CA]; 1350, Royale Street - Suite 401, Trois-Rivières, Québec G9A 4J4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASSICOTTE, Daniel** [CA/CA]; 5010 Blain Street, Trois-Rivières, Québec G8Y 7G7 (CA). **DAHMANE, Adel-Omar** [CA/CA]; 4000 Caridnal-Léger, Apt. 1, Trois-Rivières, Québec G8Y 2H2 (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 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 **H04B 1/707**

(11) **WO 2004/105265** (13) A1

(21) PCT/JP2004/007222

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-142636 **20 May/mai 2003 (20.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TRANSMITTER APPARATUS AND COMMUNICATION SYSTEM

• APPAREIL EMETTEUR ET SYSTEME DE COMMUNICATIONS

(71) **Intelligent Cosmos Research Institute** [JP/JP]; 6-3, Minamiyoshinari 6-chome, Aoba-ku., Sendai-shi., Miyagi 9893204 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADACHI, Fumiyuki** [JP/JP]; Kawauchi-jiyutaku 2-304, 35, Kawauchi-motohasekura., Aoba-ku, Sendai-shi., Miyagi 9800861 (JP).

(74) **SAKAI, Hiroaki**; Sakai International Patent Office, Tokyo Club Building, 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 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 **H04B 1/707**

(11) **WO 2004/105266** (13) A1

(21) PCT/JP2004/007239

(22) **20 May/mai 2004 (20.05.2004)**

(25) ja (26) ja

(30) 2003-142800 **21 May/mai 2003 (21.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECEPTION DEVICE AND RADIO COMMUNICATION SYSTEM USING THE SAME

• DISPOSITIF RECEPTEUR ET SYSTEME DE RADIOCOMMUNICATION REPOSANT SUR L'UTILISATION DU-DIT DISPOSITIF

(71) **NEC Corporation** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Takumi** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) **IKEDA, Noriyasu**; The 3rd Mori Building, 4-10, Nishishinbashi 1-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 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 H04B 1/707

(11) WO 2004/105267 (13) A2

(21) PCT/US2004/015629

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 60/472,013 19 May/mai 2003 US (19.05.2003)

(30) 60/475,957 4 Jun/juin 2003 US (04.06.2003)

(30) 10/607,966 27 Jun/juin 2003 US (27.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • NETWORK OPERATOR IDENTIFICATION FOR CDMA COMMUNICATION NETWORKS

• IDENTIFICATION D'OPÉRATEUR DE RESEAU POUR RESEAUX DE COMMUNICATION AMRC

(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) COOPER, Rotem [IL/US]; 5795 Mosswood Cove, San Diego, CA 92130 (US). HOLCMAN, Alejandro, R. [US/US]; 1054 Devonshire Drive, San Diego, CA 92107 (US). HUNTER, Andrew, T. [US/US]; P.O. Box 910023, San Diego, CA 92191 (US). TIEDEMANN, Edward, G. [US/US]; 656 Barretts Mill Road, Concord, MA 01742 (US). UCHIDA, Nobuyuki [JP/US]; 8520 Costa Verde Boulevard, #3109, San Diego, CA 92122 (US). KRIPALANI, Vera [US/US]; 12766 Jordan Ridge Court, 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 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).

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 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)

(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 H04B 3/02, H02J 1/00

(11) WO 2004/105268 (13) A2

(21) PCT/US2004/013024

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/437,735 14 May/mai 2003 US (14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR BRANCHING A SINGLE WIRE POWER DISTRIBUTION SYSTEM

• PROCÉDE ET DISPOSITIF DESTINÉ AU BRANCHEMENT D'UN SYSTÈME DE DISTRIBUTION D'ÉNERGIE UNIFILAIRE

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 21240 Burbank Boulevard, Building 35, Woodland Hills, CA 91367 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'MEARA, Kevan [US/US]; 10437 Laramie Avenue, Chatsworth, CA 91311 (US).

(74) GESS, Albin, H.; SNELL & WILMER LLP, 1920 Main Street, Suite 1200, 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 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).

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 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 H04B 3/54

(11) WO 2004/105269 (13) A1

(21) PCT/US2004/016035

(22) 20 May/mai 2004 (20.05.2004)

(25) en (26) en

(30) 60/472,120 21 May/mai 2003 US (21.05.2003)

(30) 10/812,172 30 Mar/mar 2004 US (30.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR MULTIPLEXING AND TRANSMITTING DC POWER, IMU DATA AND RF DATA ON A SINGLE CABLE

• SYSTÈME EST PROCÉDE POUR MULTIPLEXER ET TRANSMETTRE UN COURANT CONTINU, DES DONNÉES IMU ET DES DONNÉES RF SUR UN CABLE UNIQUE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72, 75) JEERAGE, Mahesh, K. [US/US]; 555 Sunset Lane, New Brighton, MN 55112 (US). SOEHREN, Wayne, A. [US/US]; 2308 Sheridan Hills Road, Wayzata, MN 55391 (US). BYE, Charles, T. [US/US]; 15184 Village Woods Drive, Eden Prairie, MN 55347 (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 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).

Published / Publiée : (c)

(51)⁷ H04B 7/00

(11) WO 2004/105270 (13) A1

(21) PCT/KR2003/001928

(22) 19 Sep/sep 2003 (19.09.2003)

(25) ko (26) en

(30) 10-2003-0033119 23 May/mai 2003 KR (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROBE MODULE FOR TREATING PROSTATE DISEASES AND PORTABLE PROSTATE MEDICAL TREATMENT APPARATUS

• MODULE DE SONDE DESTINÉ AU TRAITEMENT DE MALADIES DE LA PROSTATE ET APPAREIL DE TRAITEMENT MEDICAL DE LA PROSTATE PORTABLE

(71) HEALTHPIA CO., LTD. [KR/KR]; 2-102 Medical Instrument Industry Park, 1720-26

- Taejang-dong, Wonju-si, Kangwon-do 220-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Min-Hwa [KR/KR]; 11-105 Hyundai Apt., Apgujeong-Dong, Gangnam-Gu, Seoul 135-110 (KR).
- (74) L & K PATENT FIRM; 701, Daekun Bldg., 822-5, Yeoksam-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 NI NO NZ OM PG PH PL PT RO RU SC 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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- (51)⁷ H04B 7/005
- (11) WO 2004/105271 (13) A1
- (21) PCT/EP2004/050717
- (22) 5 May/mai 2004 (05.05.2004)
- (25) de (26) de
- (30) 103 23 191.9 22 May/mai 2003 DE (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR OPERATING A MOBILE RADIO TELEPHONE SYSTEM, MOBILE RADIO TELEPHONE SYSTEM AND BASE STATION
- PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME DE TELEPHONIE MOBILE, SYSTEME DE TELEPHONIE MOBILE ET STATION DE BASE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BREUER, Volker [DE/DE]; Schwalbenring 20, 16727 Bötzwow (DE). GUSTRAU, Jörg [DE/DE]; Schillerstr. 11a, 10625 Berlin (DE). MÜLLER-SCHWANKE, Carsten [DE/DE]; Theatergasse 16, 89073 Ulm (DE). CHARPENTIER, Frederic [FR/DE]; Philippstr. 14, 10115 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04B 7/26, H04L 12/28
- (11) WO 2004/105272 (13) A1
- (21) PCT/JP2003/006252
- (22) 20 May/mai 2003 (20.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • APPLICATION HANDOVER METHOD IN MOBILE COMMUNICATION SYSTEM, MOBILE MANAGEMENT NODE USED IN THE MOBILE COMMUNICATION SYSTEM, AND MOBILE NODE
- PROCEDE DE TRANSFERT D'UNE APPLICATION DANS UN SYSTEME DE COMMUNICATION MOBILE, NOEUD DE GESTION MOBILE UTILISE DANS LE SYSTEME DE COMMUNICATION MOBILE ET NOEUD MOBILE
- (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) ONO, Hideaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAKATSUGAWA, Kei-ichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MATSUMOTO, Yuji [JP/JP]; c/o FUJITSU COMMUNICATION SYSTEMS LIMITED, 9-18, Shinyokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg., 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) JP US.
-
- (51)⁷ H04B 7/26
- (11) WO 2004/105273 (13) A1
- (21) PCT/KR2004/001202
- (22) 20 May/mai 2004 (20.05.2004)
- (25) en (26) en
- (30) 10-2003-0032067 20 May/mai 2003 KR (20.05.2003)
- (30) 10-2003-0044271 1 Jul/juil 2003 KR (01.07.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND SYSTEM FOR TRACKING THE POSITION OF MOBILE COMMUNICATION TERMINAL
- PROCEDE ET SYSTEME DE LOCALISATION D'UN TERMINAL DE COMMUNICATION MOBILE
- (71) NEO TELECOM CO., LTD. [KR/KR]; 9th Floor, East Building, IT Venture Tower, 78, Garak-dong, Songpa-gu, Seoul, 138-160 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OH, Myeoung-Keun [KR/KR]; 203, 102-3, Samjeon-dong, Songpa-gu, Seoul, 138-180 (KR). LIM, Su-Hwan [KR/KR]; 116-204, Daewoo Apartment, Maesanno 2-ga, Gwonseon-gu, Suwon-si, Gyeonggi-do, 441-082 (KR). KIM, Sung-Chul [KR/KR];
- 102-1305, Yeonghwa Apartment, Gaebong-bon-dong, Guro-gu, Seoul, 152-099 (KR). BAEK, Hyung-Eon [KR/KR]; 137-160, Ssangmun 4-dong, Dobong-gu, Seoul, 132-034 (KR).
- (74) MAENG, Seon-Ho; Sunwoo Bldg. 1556-9, Socho-dong, Socho-ku, 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 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 H04B 10/00
- (11) WO 2004/105274 (13) A1
- (21) PCT/CN2004/000518
- (22) 21 May/mai 2004 (21.05.2004)
- (25) zh (26) zh
- (30) 03131585.2 23 May/mai 2003 CN (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • A VIRTUAL CONCATENATION DELAY COMPENSATION RESUMABLE APPARATUS
- APPAREIL DE REPRISE DE COMPENSATION DE RETARD DE CONCATENATION VIRTUELLE
- (71) ZTE CORPORATION [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZHAO, Fuchuan [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). LI, Zhengqi [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).
- (74) BEIJING LEADER PATENT AGENCY CO., LTD; Daolong Building, No.13 Huayuanlu, Haidian District, Beijing 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 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 H04B 10/18, 10/17, G02F 1/35

(11) WO 2004/105275 (13) A1

(21) PCT/JP2003/006479

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OPTICAL TRANSMISSION SYSTEM HAVING FUNCTION OF CORRECTING NOISE LIGHT DUE TO RAMAN AMPLIFICATION

• SYSTEME DE TRANSMISSION OPTIQUE PRESENTANT UNE FONCTION DE CORRECTION DU RAPPORT BRUIT-LUMIERE PROVOQUE PAR L'AMPLIFICATION RAMAN

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) ISHIKAWA, Eiji [JP/JP]; c/o Fujitsu Higashi-Nihon Digital Technology Limited, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). OTANI, Toshihiro [JP/JP]; c/o Fujitsu Higashi-Nihon Digital Technology Limited, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP).

(74) SASAJIMA, Fujio; Toranomom 1-chome Mori Bldg., 19-5, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP US.

(51)⁷ H04J 3/00, H04L 12/28

(11) WO 2004/105276 (13) A1

(21) PCT/JP2003/006204

(22) 19 May/mai 2003 (19.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SDH TRANSMISSION DEVICE AND SIGNAL TRANSMISSION METHOD

• DISPOSITIF DE TRANSMISSION SDH ET PROCEDE DE TRANSMISSION DE SIGNAL

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) AKIYAMA, Hiroyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUKAGAWA, Takashi [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 US.

(51)⁷ H04J 3/06

(11) WO 2004/105277 (13) A1

(21) PCT/FR2004/001274

(22) 19 May/mai 2004 (19.05.2004)

(25) fr (26) fr

(30) 03/05986 19 May/mai 2003 FR
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR TRANSMISSION OF DIGITAL DATA BETWEEN A MASTER DEVICE AND A SLAVE DEVICE

• PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES NUMERIQUES ENTRE UN DISPOSITIF MAITRE ET UN DISPOSITIF ESCLAVE

(71) WAVECOM [FR/FR]; Immeuble Bord de Seine I, 3, esplanade du Foncet, F-92442 Issy-les-Moulineaux Cedex (FR).
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(72, 75) BRIENT, Vincent [FR/FR]; 4, ruelles des cours Boulet, F-35440 Feins (FR).

(74) GUENE, Patrick; Cabinet Patrice Vidon, 16B rue de Jouanet, BP 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 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).

Published / Publiée : (c)

(51)⁷ H04J 3/06, H04L 1/22, G06F 1/12, 13/40

(11) WO 2004/105278 (13) A1

(21) PCT/IB2004/050626

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 03101433.5 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TIME-TRIGGERED COMMUNICATION SYSTEM AND METHOD FOR THE SYNCHRONIZATION OF A DUAL-CHANNEL NETWORK

• SYSTEME DE COMMUNICATION A DECLenchement temporel ET PROCEDE DE SYNCHRONISATION D'UN RESEAU BICANAL

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) UNGERMANN, Jörn [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisschausstr. 2, 52066 Aachen (DE). FUHRMANN, Peter [DE/DE]; c/o Philips

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(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 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 H04J 3/16

(11) WO 2004/105279 (13) A2

(21) PCT/US2004/014562

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 10/441,771 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ARCHITECTURE AND METHOD FOR FRAMING OPTICAL CONTROL AND DATA BURSTS WITHIN OPTICAL TRANSPORT UNIT STRUCTURES IN PHOTONIC BURST-SWITCHED NETWORKS

• ARCHITECTURE ET PROCEDE DE VERROUILLAGE DE PAQUETS DE DONNEES ET DE CONTROLE OPTIQUE DANS DES STRUCTURES UNITAIRES DE TRANSPORT OPTIQUE DE RESEAUX PHOTONIQUES COMMUTES EN PAQUETS

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) OVADIA, Shlomo; 1576 Willow Oaks Drive, San Jose, CA 95125 (US). MACIOCCO, Christian; 16322 SW Stahl Drive, Tigard, OR 97223 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04J 13/00, H04Q 7/20

(11) WO 2004/105280 (13) A1

(21) PCT/CN2003/000965

(22) 13 Nov/nov 2003 (13.11.2003)

(25) zh (26) zh

(30) 03131547.X 20 May/mai 2003 CN
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MANAGING UPLINK
SCRAMBLING CODES IN WCDMA• PROCEDE DE GESTION DES CODES
DE BROUILLAGE ASCENDANTS EN
WCDMA(71) ZTE CORPORATION [CN/CN]; ZTE
Plaza, Keji Road South, Hi-Tech Industrial
Park, Nanshan District, Shenzhen, Guang-
dong 518057 (CN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DOU, Jianwu [CN/CN]; ZTE Plaza,
Keji Road South, Hi-Tech Industrial Park,
Nanshan District, Shenzhen, Guangdong
518057 (CN). SHI, Rong [CN/CN]; ZTE
Plaza, Keji Road South, Hi-Tech Industrial
Park, Nanshan District, Shenzhen, Guang-
dong 518057 (CN). KE, Yazhu [CN/CN];
ZTE Plaza, Keji Road South, Hi-Tech In-
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Guangdong 518057 (CN).(74) ZHONGZI LAW OFFICE; 5th Floor,
Tower C, Jiancai Building 11A, Sanlihe
Road, Haidian District, Beijing 518057 (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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 H04K 1/10, H04B 1/10

(11) WO 2004/105281 (13) A1

(21) PCT/US2003/037250

(22) 20 Nov/nov 2003 (20.11.2003)

(25) en (26) en

(30) 10/427,087 6 May/mai 2003 US
(06.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LINEAR DERIVATIVE EQUALIZER,
AND ASSOCIATED METHOD, FOR A
RADIO COMMUNICATION SYSTEM• CORRECTEUR DIFFERENTIEL LI-
NEAIRE ET PROCEDE CONNEXE
POUR SYSTEME DE COMMUNICA-
TION RADIO(71) NOKIA CORPORATION [FI/FI];
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Southwood Drive, Highland Village, TX
75077 (US).(74) SHAW, Steven, A. et al. / etc.; Nokia Inc.,
6000 Connection Drive, MS 1-4-755, Irving,
TX 75039 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU 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 :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL 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 (BW GH GM KE LS MW
MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG
KZ MD RU TJ TM) EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 2004/105282 (13) A2

(21) PCT/IL2004/000426

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/472,136 21 May/mai 2003 US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR DY-
NAMIC BANDWIDTH ALLOCATION
IN AN ETHERNET PASSIVE OPTICAL
NETWORK• PROCEDE ET APPAREIL
D'ATTRIBUTION DE LARGEUR
DE BANDE DYNAMIQUE DANS
UN RESEAU OPTIQUE PASSIF
ETHERNET(71) PASSAVE LTD. [IL/IL]; Ackerstein Tow-
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ach (IL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HARAN, Onn [IL/US]; 1024 Alder-
brook In., 95129 San Jose, CA (IL).(74) FRIEDMAN, Mark M.; 7 Haomanim
Street, 67897 Tel Aviv (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 SLSY TJ 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 H04L

(11) WO 2004/105283 (13) A2

(21) PCT/US2004/011603

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/471,110 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR ODU
TO IDU TELEMETRY INTERFACE IN
VSAT SYSTEMS• PROCEDE ET APPAREIL POUR IN-
TERFACE DE TELEMESURE D'UNITE
EXTERIEURE VERS L'UNITE INTER-
IEURE DANS DES SYSTEMES VSAT(71) VIASAT, INC. [US/US]; 6155 El Camino
Real, Carlsbad, CA 92009 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WREN, Christopher [US/US]; 3342
Camino Coronado, Carlsbad, CA 92009
(US). PRINCE, Darryn, W. [US/US]; 1526
Vanessa Circle, Encinitas, CA 92024 (US).
MILLER, Mark, J. [US/US]; 508 Latigo
Row, Encinitas, CA 92024 (US).(74) ALLEN, Kenneth, R. et al. / etc.; Townsend
and Townsend and Crew, LLP, Two Embar-
cadero 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 H04L

(11) WO 2004/105284 (13) A2

(21) PCT/US2004/012087

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/471,159 16 May/mai 2003 US
(16.05.2003)(30) 60/475,585 4 Jun/juin 2003 US
(04.06.2003)(30) 10/731,760 9 Dec/déc 2003 US
(09.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COORDINATION OF BEAM FORMING IN WIRELESS COMMUNICATION SYSTEMS

• COORDINATION DE LA MISE EN FORME DES FAISCEAUX DANS DES SYSTEMES DE COMMUNICATION SANS FIL

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

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(72, 75) **GOLDBERG, Steven, J.** [US/US]; 1017 Chiswell Drive, Downingtown, PA 19335 (US). **CHOTKOWSKI, Kimberly** [US/US]; 322 Twin Pond Drive, West Chester, PA 19382-1942 (US).

(74) **BALLARINI, Robert, J.**; United Plaza, Suite 1600, 30 S. 17th 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 H04L

(11) **WO 2004/105285** (13) A2

(21) PCT/US2004/012121

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 10/442,027 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR UTILIZING MULTIPLE LEVEL ENCRYPTION

• PROCEDE D'UTILISATION D'UN CODAGE MULTINIVEAU

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIGGS, Robert A.**, [GB/US]; 2201 Pioneer Road, Evanston, Illinois 60201 (US). **NEWBERG, Donald G.**, [US/US]; 4240 Haman Avenue, Hoffman Estates, Illinois 60195 (US).

(74) **SALADI, Indira**, et al. / etc.; 1303 East Algonquin Road, Schaumburg, Illinois 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 H04L

(11) **WO 2004/105286** (13) A2

(21) PCT/US2004/013149

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/441,695 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MOBILE LINK POWER CONTROL METHOD

• PROCEDE DE COMMANDE DE PUISSANCE D'UNE LIAISON MOBILE

(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) **TAYLOE, Daniel, R.** [US/US]; 14240 South 7th Street, Phoenix, AZ 85048 (US). **PFLUM, Mark, T.** [US/US]; 2534 West Orchid Lane, Chandler, AZ 85224 (US).

(74) **KOCH, William, E.** et al. / etc.; 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04L

(11) **WO 2004/105287** (13) A2

(21) PCT/US2004/014608

(22) **10 May/mai 2004 (10.05.2004)**

(25) en (26) en

(30) 60/471,180 **16 May/mai 2003 US (16.05.2003)**

(30) 10/603,498 **24 Jun/juin 2003 US (24.06.2003)**

(30) 10/603,417 **24 Jun/juin 2003 US (24.06.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR EQUALIZATION AND CROSSTALK MITIGATION

• PROCEDE ET DISPOSITIF D'EGALISATION ET D'ATTENUATION DE LA DIAPHONIE

(71) **SOLARFLARE COMMUNICATIONS, INC.** [US/US]; 9501 Jeronimo Road, Suite 100, Irvine, CA 92618 (US).

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(72) **ZIMMERMAN, George, A.**; 19 Ranchview Road, Rolling Hills Estates, CA 90274 (US). **JONES, William, W.**; 27662 Aliso Creek Road #5201, Aliso Viejo, CA 92656 (US).

(74) **MILLER, Chad, W.**; Weide & Miller, Ltd., Bank West Building, 5th Floor, 7251 West Lake Mead Blvd., Suite 530, Las Vegas, NV 89128 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04L

(11) **WO 2004/105288** (13) A2

(21) PCT/US2004/014666

(22) **11 May/mai 2004 (11.05.2004)**

(25) en (26) en

(30) 10/439,743 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR PERFORMING SOFT-HANDOFF IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UN TRANSFERT SANS A-COUP DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADATRAO, Ravi M.**, [IN/US]; 615 West Parkside Drive, Palatine, Illinois 60067 (US). **DAI, Ming**, [CN/US]; 633 Ryan Way, Crystal Lake, Illinois 60012 (US). **GROSS, Jonathan H.**, [US/US]; 1113 E. Betsy Lane, Gilbert, Arizona 85296 (US). **LIN, Harn-Jier**, [CN/US]; 3000 Handley Drive, Lisle, Illinois 60532 (US). **MORISHIMA, Takeshi**, [JP/US]; 1265 W. New Britton Drive, Hoffman Estates, Illinois 60195 (US). **DECLERK, Daniel J.**, [US/US]; 28553 Kelsy Point, Lake Barrington, Illinois 60010 (US).

(74) **MAY, Steven A.**, et al. / etc.; 1303 East Algonquin Road, Schaumburg, Illinois 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 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 H04L

(11) WO 2004/105289 (13) A2

(21) PCT/US2004/014934

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/470,372 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND SYSTEMS FOR
HIGH-DATA-RATE QUANTUM CRYPT-
OGRAPHY

• PROCEDES ET SYSTEMES DE CRYPT-
TOGRAPHIE QUANTIQUE A DEBIT
BINAIRE ELEVE

(71) SCIENCE RESEARCH LABORATORY,
INC. [US/US]; 15 Ward Street, Somerville,
Massachusetts 02143 (US).

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(72, 75) FLUSBERG, Allen, M. [US/US]; c/o
Science Research Laboratory, Inc., 15 Ward
Street, Somerville, Massachusetts 02143
(US). JACOB, Jonah, H. [US/US]; c/o
Science Research Laboratory, Inc., 15 Ward
Street, Somerville, Massachusetts 02143
(US). JASPAN, Martin, A. [US/US]; c/o
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Street, Somerville, Massachusetts 02143
(US). SMILANSKI, Israel [IL/US]; c/o
Science Research Laboratory, Inc., 15 Ward
Street, Somerville, Massachusetts 02143
(US).

(74) COHEN, Jerry et al. / etc.; Perkins, Smith &
Cohen, LLP, One Beacon Street, Boston, MA
02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H04L

(11) WO 2004/105290 (13) A2

(21) PCT/US2004/015057

(22) 14 May/mai 2004 (14.05.2004)

(25) en

(30) 10/439,788 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR DE-
TERMINING A QUALITY MEASURE
OF A CHANNEL WITHIN A COMMU-
NICATION SYSTEM

• PROCEDE ET APPAREIL DE DETER-
MINATION D'UNE MESURE DE QUA-
LITE D'UN CANAL D'UN SYSTEME
DE COMMUNICATION

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, Illinois 60196
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAO, Qi, [CN/US]; 351 Engamore Lane,
#105, Norwood, Massachusetts 02062 (US).
LEE, Whay C., [US/US]; 16 Michael Way,
Cambridge, Massachusetts 02141 (US).

(74) MAY, Steven A., et al. / etc.; 1303 East
Algonquin Road, Schaumburg, Illinois 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 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 H04L

(11) WO 2004/105291 (13) A2

(21) PCT/US2004/015060

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/436,646 13 May/mai 2003 US
(13.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ULTRA-WIDEBAND HIGH DATA-
RATE COMMUNICATION APPARA-
TUS AND ASSOCIATED METHODS

• APPAREIL DE COMMUNICATION A
BANDE ULTRA-LARGE ET DEBIT
BINAIRE ELEVE ET PROCEDES AS-
SOCIES

(63) US 10/206,648 (CIP)
26 Jul/juil 2002 (26.07.2002)

(71) TIME DOMAIN CORPORATION
[US/US]; 7057 Old Madison Pike, Huntsville,
Alabama 35806 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SIWIAK, Kazimierz [US/US]; 10988
NW 14th Street, Coral Springs, Florida 33071
(US).

(74) SPRINKLE, Steven, R.; Sprinkle IP Law
Group, P.O. Box 684767, Austin, Texas
78768-4767 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

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 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 H04L

(11) WO 2004/105292 (13) A2

(21) PCT/US2004/015081

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,769 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE CONTROL APPARATUS AND
METHOD

• PROCEDE ET APPAREIL DE COM-
MANDE DE DISPOSITIF

(71) DIGITAL DECK, INC. [US/US]; 3 Twin
Dolphin Drive, Suite 160, Redwood City, CA
95065 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) SCHEELKE, Erik; 1010 Kenmore Court,
Cupertino, CA 95014 (US).

(74) HAVERSTOCK, Thomas, B.; Haverstock
& Owens LLP, 162 North Wolfe Road, Sun-
nyvale, 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 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 H04L

(11) WO 2004/105293 (13) A2

(21) PCT/US2004/015095

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,748 14 May/mai 2003 US
(14.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ADAPTABLE PROGRAMMING GUIDE
FOR NETWORKED DEVICES• GUIDE DE PROGRAMMATION ADAP-
TABLE POUR DISPOSITIFS EN RE-
SEAU(71) DIGITAL DECK, INC. [US/US]; 3 Twin
Dolphin Drive, Suite 160, Redwood City, CA
95065 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) GRIGGS, Theodore, L.; 85 Ranch Road,
Woodside, CA 94062 (US).(74) HAVERSTOCK, Thomas, B.; Haverstock
& Owens LLP, 162 North Wolfe Road, Sun-
nyvale, 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 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 H04L

(11) WO 2004/105294 (13) A2

(21) PCT/US2004/015172

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,727 14 May/mai 2003 US
(14.05.2003)(30) 10/809,605 24 Mar/mar 2004 US
(24.03.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • POWER CONTROL AND SCHEDUL-
ING IN AN OFDM SYSTEM• REGLAGE DE PUISSANCE ET REPAR-
TITION DANS UN SYSTEME MROF(71) QUALCOMM, Incorporated [US/US];
5775 Morehouse Drive, San Diego, Califor-
nia 92121-1714 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NAGUIB, Ayman, Fawzy [EG/US];
991 Cranberry Drive, Cupertino, California
95014 (US). AGRAWAL, Avneesh [IN/US];
7891 Doug Hill, #29, San Diego, California
92127 (US). SUTIVONG, Arak [TH/US];
8840 Costa Verde Blvd, Apt. 3439, San
Diego, California 92122 (US).(74) WADSWORTH, Philip R. et al. / etc.; 5775
Morehouse Drive, San Diego, California
92121-1714 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

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 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)(t) for all designations / pour toutes les
désignations(51)⁷ H04L

(11) WO 2004/105295 (13) A2

(21) PCT/US2004/015203

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,442 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TWO-WAY SMS/XML POSITION LO-
CATION API• API SMS/XML BIDIRECTIONNELLE
DE LOCALISATION DE POSITION
TWO-WAY SMS/XML POSITION LO-
CATION API(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) ISCHE, Marc [CA/US]; 7524 Charmant
Drive #531, San Diego, CA 92122 (US).(74) WADSWORTH, Philip, R. et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 BJCF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations(t) for all designations / pour toutes les
désignations(51)⁷ H04L

(11) WO 2004/105296 (13) A2

(21) PCT/US2004/015365

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,693 15 May/mai 2003 US
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SCURE COMMUNICATION

• COMMUNICATION SECURISEE

(71) IDAHO RESEARCH FOUNDATION,
INC. [US/US]; Morrill Hall 103, University
of Idaho, Moscow, ID 83844-4061 (US).(for all designated States except / pour tous
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W. Church Street, Palouse, WA 99161 (US).
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N. Grant Street, Moscow, ID 83843 (US).
CASSIDY, Justin, Michael [US/US]; 115
Baker Street #7, Moscow, ID 83843 (US).
DUBUISSON, Thomas, Main [US/US]; 115
Baker Street #7, Moscow, ID 83843 (US).
EVANS, Darin, Mitchell [US/US]; 1499 S.
Hawthorne Drive #150, Moscow, ID 83843
(US). GREGG, Philip, Lee [US/US]; 201 W.
Taylor Street #23, Moscow, ID 83843 (US).(74) MCKINNEY, Jack, H.; Ormiston & McK-
inney, P.O. Box 298, 802 W. Bannock, Suite
400, Boise, ID 83701-0298 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

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 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)(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 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 H04L

(11) WO 2004/105297 (13) A2

(21) PCT/US2004/015732

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,347 19 May/mai 2003 US
(19.05.2003)(30) 10/848,159 19 May/mai 2004 US
(19.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR PRO-
VIDING SECURE ONE-WAY TRANS-
FER OF DATA

• PROCEDE ET SYSTEME DE GENE-
RATION D'UN TRANSFERT DE DON-
NEES UNILATERAL SECURISE

(71) NETWORK SECURITY TECHNOLO-
GIES, INC. [US/US]; 13525 Dulles Tech-
nology Drive, Herndon, VA 20171 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HARVEY, Elaine, M. [US/US]; 11702
Stuart Mill Road, Oakton, VI 22124 (US).
MITZEN, Wayne, A. [US/US]; 7839 Sabre
Ct., Manassas, VI 20109 (US). WRIGHT,
Jason [US/US]; 3857 Beech Down Drive,
Chantilly, VI 20151 (US). SLEGGS, John,
M. [US/US]; 18835 Potomac Station, Lees-
burg, VI 20176 (US). WIMBLE, Lawrence,
A. [US/US]; 200 NW Magnolia Circle, Crys-
tal River, FL 34428 (US).

(74) MARSH, Philip, W.; c/o Cooley Godward,
LLP, One Freedom Square, 11951 Freedom
Drive, Reston, VI 20190-5656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H04L 1/00

(11) WO 2004/105298 (13) A1

(21) PCT/JP2004/005587

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-143837 21 May/mai 2003 JP
(21.05.2003)(30) 2004-116186 9 Apr/avr 2004 JP
(09.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RADIO COMMUNICATION DEVICE,
RADIO COMMUNICATION SYSTEM,
WIRELESS AV SYSTEM, RADIO
TRANSMISSION METHOD, OPER-
ATION CONTROL PROGRAM, AND
RECORDING MEDIUM CONTAINING
THE PROGRAM

• DISPOSITIF DE RADIOCOMMUN-
ICATION, SYSTEME DE RADIO-
COMMUNICATION, SYSTEME AU-
DIOVISUEL SANS FIL, PROCEDE
DE RADIOTRANSMISSION, PRO-
GRAMME DE COMMANDE DE
FONCTIONNEMENT, ET SUPPORT
D'ENREGISTREMENT CONTENANT
CE PROGRAMME

(71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaïke-cho, Abeno-ku, Osaka-shi,
Osaka 545-8522 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAKATA, MasashiCHISHIRO, Taka-
fumi

(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
530-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 H04L 1/00

(11) WO 2004/105299 (13) A1

(21) PCT/JP2004/007036

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-142413 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RECEPTION QUALITY DETERMIN-
ING APPARATUS AND RECEIVER
APPARATUS

• DISPOSITIF DE DETERMINATION DE
LA QUALITE DE RECEPTION ET AP-
PAREIL RECEPTEUR

(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) NAKAMURA, AyaTAMESUE,
Kazuhiko

(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter 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 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 H04L 1/18

(11) WO 2004/105300 (13) A2

(21) PCT/US2004/015207

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/439,594 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RELIABLE RECEPTION OF BROAD-
CAST/MULTICAST CONTENT

• RECEPTION FIABLE DE CONTENU
DE DIFFUSION/MULTIDIFFUSION

(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) QUICK, Roy, Franklin, Jr. [US/US];
1150 Barcelona Drive, San Diego, CA 92107
(US). HSU, Raymond, T. [US/US]; 17775
Pennacook Court, San Diego, CA 92127
(US). CANOY, Michael-David, Nakayoshi
[US/US]; 10340 Wateridge Circle, #303, San
Diego, CA 92121 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

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 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)

(i) for all designations / pour toutes les désignations

(51)⁷ H04L 1/20, G01R 29/26

(11) WO 2004/105301 (13) A1

(21) PCT/ES2004/000223

(22) 19 May/mai 2004 (19.05.2004)

(25) es (26) es

(30) P 2003 01229 26 May/mai 2003 ES (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD OF REDUCING THE VARIANCE OF A SIGNAL-TO-NOISE RATIO ESTIMATE FOR A SIGNAL WITH DIFFERENTIAL PHASE AND COHERENT AMPLITUDE MODULATION

• PROCEDE DE REDUCTION DE LA VARIANCE DE L'ESTIMATION DU RAPPORT SIGNAL SUR BRUIT D'UN SIGNAL PRESENTANT UNE MODULATION DIFFERENTIELLE EN PHASE ET COHERENTE EN AMPLITUDE

(71) DISEÑO DE SISTEMAS EN SILICIO, S.A. [ES/ES]; Charles Robert Darwin, 2, Parque Tecnológico, E-46980 Paterna (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLASCO CLARET, Jorge Vicente [ES/ES]; Guardia Civil, 23-2-38, E-46020 Valencia (ES). RIVEIRO INSUA, Juan Carlos [ES/ES]; Beata Genoveva Torres, 30 - Esc. B - 10^o, Puerta 43, E-46019 Valencia (ES). BÁDENES CORELLA, Agustín [ES/ES]; Gobernador, 21-1^o, E-12003 Castellón (ES).

(74) UNGRÍA LÓPEZ, Javier; Avda. Ramón y Cajal, 78, E-28043 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 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 H04L 5/04, 27/34, 27/38

(11) WO 2004/105302 (13) A1

(21) PCT/US2004/013734

(22) 24 Apr/avr 2004 (24.04.2004)

(25) en (26) en

(30) 60/471,167 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A UNIFIED RECEIVER FOR LAYERED AND HIERARCHICAL MODULATION SYSTEMS

• RECEPTEUR UNIFIE POUR SYSTEMES DE MODULATION EN COUCHES ET HIERARCHIQUE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. LeGallo, F-92648 Boulogne Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOSLOV, Joshua [US/US]; 10 Fairway Drive, Hopewell, NJ 08525 (US). RAMASWAMY, Kumar [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 Independence Way, 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 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).

Published / Publiée : (c)

(51)⁷ H04L 7/033

(11) WO 2004/105303 (13) A1

(21) PCT/SE2003/000699

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIPHASE CLOCK RECOVERY

• RECUPERATION D'HORLOGE MULTIPHASE

(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) FREDRIKSSON, Jesper [SE/SE]; Vasagatan 5A, S-753 13 Uppsala (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 9/06

(11) WO 2004/105304 (13) A1

(21) PCT/EP2004/050815

(22) 14 May/mai 2004 (14.05.2004)

(25) fr (26) fr

(30) 03 06183 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURE DATA TRANSMISSION BETWEEN TWO MODULES

• TRANSMISSION SECURISEE DE DONNEES ENTRE DEUX MODULES

(71) GEMPLUS [FR/FR]; Avenue du Pic de Bertagne, Parc d'activité de Géménos, F-13420 GEMENOS (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRIER, Eric [FR/FR]; Villa La Bergène, 5 avenue des Pinsons, F-13600 LA CIOTAT (FR). FOURNIER, Jacques [FR/FR]; Résidence les Hauts de Fontaine, Bt B2, F-13600 LA CIOTAT (FR). MOITREL, Pascal [FR/FR]; 100 Impasse Riquet, F-13400 AUBAGNE (FR). BENOIT, Olivier [FR/FR]; Résidence Central Parc, Bt F, F-13400 AUBAGNE (FR). PROUST, Philippe [FR/FR]; Impasse Fissiaux, Bt C, F-13004 MARSEILLE (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 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 H04L 9/06

(11) WO 2004/105305 (13) A1

(21) PCT/EP2004/050854

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03011696.6 23 May/mai 2003 EP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR ENCRYPTING AND DECRYPTING A BLOCK OF DATA

• DISPOSITIF ET PROCEDE DE CHIFFRAGE ET DE DECHIFFRAGE D'UN BLOC DE DONNEES

(71) **MEDIACRYPT AG** [CH/CH]; Technopark-strasse 1, CH-8005 Zurich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUNOD, Pascal** [CH/CH]; Chemin de Montétan 13, CH-1004 Lausanne (CH).
VAUDENAY, Serge [CH/CH]; Chemin de Riant-Mont 4, CH-1023 Crissier (CH).

(74) **LEMAN CONSULTING S.A.; WENGER** Joel, Route de Clémenty 62, CH-1260 Nyon (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).

(51)⁷ H04L 9/06

(11) WO 2004/105306 (13) A1

(21) PCT/IB2004/001690

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/473,209 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR A LOW MEMORY HARDWARE IMPLEMENTATION OF THE KEY EXPANSION FUNCTION

• PROCEDE ET APPAREIL POUR UNE IMPLEMENTATION DE LA FONCTION D'EXTENSION DE CLE A FAIBLE UTILISATION DE L'ESPACE MEMOIRE

(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) **SEXTON, Bonnie, C.** [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o Waxler, Aaron, 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 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).

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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 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 LUMC NL 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 9/06

(11) WO 2004/105307 (13) A1

(21) PCT/KR2004/001175

(22) 18 May/mai 2004 (18.05.2004)

(25) ko (26) en

(30) 10-2003-0032071 20 May/mai 2003 KR (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE OF DATA ENCRYPTION

• PROCEDE ET DISPOSITIF DE CHIFFREMENT DE DONNEES

(71) **NHN CORPORATION** [KR/KR]; 7F., Startower Building, #737, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANG, Kyungdon** [KR/KR]; 190-147 Sadang 5-dong, Dongjak-gu, Seoul 156-095 (KR).

(74) **KIM, Seog-Hyun**; 9th Floor, Daekyung Building, 2-ka, Taepyung-ro, Chung-ku, Seoul 100-724 (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 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 H04L 9/08, 9/14, G09C 1/00

(11) WO 2004/105308 (13) A1

(21) PCT/JP2003/006436

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENCRYPTED DATA RECEPTION DEVICE AND DECRYPTION KEY UPDATING METHOD

• DISPOSITIF DE RECEPTION DE DONNEES CHIFFREES ET PROCEDE DE MISE A JOUR DE LA CLE DE DECHIFFREMENT

(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) **KOSAKI, Makoto** [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) CN JP US.

(51)⁷ H04L 9/32, 9/08, 29/06

(11) WO 2004/105309 (13) A2

(21) PCT/EP2004/005522

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 03253137.8 20 May/mai 2003 EP (20.05.2003)

(30) 60/473,834 27 May/mai 2003 US (27.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ACCESS AUTHENTICATION

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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 H04L 9/32, G09C 1/00

(11) WO 2004/105310 (13) A1

(21) PCT/JP2003/006228

(22) 19 May/mai 2003 (19.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ENCRYPTING DEVICE, DECRYPTING DEVICE, ENCRYPTING METHOD, DECRYPTING METHOD, ENCRYPTING PROGRAM, AND DECRYPTING PROGRAM

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(81) JP US.

(51)⁷ H04L 9/32, G06F 17/60

(11) WO 2004/105311 (13) A1

(21) PCT/US2004/015035

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,441 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR DIGITALLY SIGNING ELECTRONIC DOCUMENTS

• PROCÉDE ET SYSTÈME DE SIGNATURE NUMÉRIQUE DES DOCUMENTS ÉLECTRONIQUES

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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).

Published / Publiée : (c)

(51)⁷ H04L 12/00

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(21) PCT/US2004/013840

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/438,898 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DATA TRANSFER

• TRANSFERT DE DONNÉES

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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 H04L 12/00

(11) WO 2004/105313 (13) A2

(21) PCT/US2004/015188

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,851 19 May/mai 2003 US (19.05.2003)

(30) 10/698,815 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MANAGING HANDOFFS OF MEDIA SESSIONS AMONG SERVICE PROVIDERS

• GESTION DES TRANSFERTS DE SESSIONS MEDIA PARMI DES FOURNISSEURS DE SERVICES

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(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 H04L 12/00

(11) WO 2004/105314 (13) A2

(21) PCT/US2004/015192

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,851 19 May/mai 2003 US (19.05.2003)

(30) 10/698,196 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SERVICE MANAGEMENT USING MULTIPLE SERVICE LOCATION MANAGERS

• GESTION DE SERVICE AU MOYEN D'UNE PLURALITÉ DE GESTIONNAIRES DE LOCALISATION DE SERVICE

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(72, 75) HARVILLE, Michael [US/US]; P.O. Box 60181, Palo Alto, CA 94306 (US). COVERELL, Michele [US/US]; 2150 Dartmouth, Palo Alto, CA 94306 (US). ANKCORN, John [US/US]; 211 Chestnut Avenue, Palo Alto, CA 94306 (US). APOSTOLOPOULOS, John, G. [US/US]; 963 Van Auken Circle, Palo Alto, CA 94303 (US). ROY, Sumit [US/US]; 1025 Mallet Court #3, Menlo Park, CA 94025 (US). SHEN, Bo [US/US]; 865 Bogalusa Court, Fremont, CA 94539 (US). TAN, Wai-tian [US/US]; 1564

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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 H04L 12/24
- (11) WO 2004/105315 (13) A1
- (21) PCT/CN2003/001163
- (22) 31 Dec/déc 2003 (31.12.2003)
- (25) zh (26) zh
- (30) 03123766.5 20 May/mai 2003 CN (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD AND DEVICE FOR CONFIGURING DATA IN COMMUNICATION DEVICE
- PROCEDE ET DISPOSITIF POUR DONNEES DE CONFIGURATION DANS UN DISPOSITIF DE COMMUNICATION
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- (for all designated States except / pour tous les États désignés sauf US)*
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- (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L 12/24, 12/413, H04Q 1/02, H01R 9/00
- (11) WO 2004/105317 (13) A1
- (21) PCT/US2004/014682
- (22) 12 May/mai 2004 (12.05.2004)
- (25) en (26) en
- (30) 10/439,716 16 May/mai 2003 US (16.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SYSTEMS AND METHODS FOR MANAGING A NETWORK USING ACTIVE JACKS
- SYSTEMES ET METHODES POUR GERER UN RESEAU AU MOYEN DE CABLES ACTIFS
- (71) PANDUIT CORP. [US/US]; 17301 South Ridgeland Avenue, Tinley Park, IL 60477 (US).
- (72) CAVENEY, Jack, E.; 546 Dalewood Lane, Hinsdale, IL 60521 (US). NORDIN, Roland, A.; 1178 Sequoia Road, Naperville, IL 60540 (US). DOORHY, Michael, V.; 19368 Newport Drive, Mokena, IL 60448 (US). FARRIMOND, Elizabeth; 11316 Pinecrest Circle, Orland Park, IL 60467 (US). KOZICKI, Kenneth, C.; 4434 N. Racine, Unit #1, Chicago, IL 60640 (US). CONNEELY, Richard, J.; 1692 Valley Oaks Drive, Gilroy, CA 95020 (US). BOLOURI-SARANSAR, Masud; 15205 Brassie Drive, Orland Park, IL 60462 (US). FARRIMOND, Alan; 11316 Pinecrest Circle, Orland Park, IL 60467 (US). JACKS, Steven, A.; 253 S. Myrtle, Villa Park, IL 60181 (US).
- (74) MCCANN, Robert, A. et al. / etc.; Panduit Corp., 17301 South Ridgeland Avenue, Tinley Park, IL 60477 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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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- Published / Publiée : (c)
- (51)⁷ H04L 12/26
- (11) WO 2004/105318 (13) A1
- (21) PCT/EP2004/050614
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) de (26) de
- (30) 103 23 006.8 21 May/mai 2003 DE (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • CENTRAL INTERCEPTION AND EVALUATION UNIT
- UNITE CENTRALE D'INTERCEPTION ET D'EVALUATION
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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 H04L 12/28

(11) WO 2004/105319 (13) A1

(21) PCT/CN2004/000158

(22) 1 Mar/mar 2004 (01.03.2004)

(25) zh (26) zh

(30) 03138390.4 26 May/mai 2003 CN
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BROADBAND ACCESS METHOD
WITH GREAT CAPACITY AND THE
SYSTEM THEREOF

• PROCEDE D'ACCES A LARGE BANDE
ET GRANDE CAPACITE ET SYSTEME
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).

(51)⁷ H04L 12/28, H04Q 7/36

(11) WO 2004/105320 (13) A1

(21) PCT/EP2004/050838

(22) 18 May/mai 2004 (18.05.2004)

(25) de (26) de

(30) 03405356.1 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM FOR THE DYNAMIC ALLO-
CATION OF CARRIER FREQUENCIES
TO ACCESS POINTS OF A WIRELESS
LOCAL AREA NETWORK (WLAN)

• SYSTEME PERMETTANT
L'ATTRIBUTION DYNAMIQUE DE
FREQUENCES PORTEUSES A DES
POINTS D'ACCES D'UN RESEAU
LOCAL DE RADIOCOMMUNICATION
(WLAN)

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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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/28, H04Q 7/38

(11) WO 2004/105321 (13) A1

(21) PCT/EP2004/005421

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03011408.6 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR OPER-
ATING A RADIO COMMUNICATION
NETWORK

• PROCEDE ET SYSTEME
D'EXPLOITATION D'UN RESEAU DE
COMMUNICATION RADIO

(71) T-MOBILE DEUTSCHLAND GMBH
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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).

Published / Publiée : (c)

(51)⁷ H04L 12/28, H04Q 7/32

(11) WO 2004/105322 (13) A1

(21) PCT/FI2004/000298

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 20030766 21 May/mai 2003 FI
(21.05.2003)

(30) 20031443 3 Oct/oct 2003 FI
(03.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A COMMUNICATION NETWORK
TERMINAL, A TERMINAL ACCES-
SORY DEVICE AND AN ASSEMBLY
CONTAINING THE TERMINAL AND
THE ACCESSORY DEVICE

• TERMINAL ET UNITE SANS FIL DES-
TINEE A AFFICHER DES IMAGES SUR
UN DISPOSITIF D'ACCESSOIRES

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les États désignés sauf US)

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(74) LAHTI, Heikki; Sinimäentie 8 B, FI-02630
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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).

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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 DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI 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 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 H04L 12/28, H04Q 7/38

(11) WO 2004/105323 (13) A1

(21) PCT/IB2004/001602

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/472,734 23 May/mai 2003 US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WIRELESS DATA COMMUNICATIONS
FOR PACKET DATA COMMUNICA-
TION• COMMUNICATIONS DE DONNEES
SANS FIL POUR LA COMMUNICA-
TION DE DONNEES PAR PAQUETS(71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NGUYENPHU, Thinh [US/US]; 612
Lorraine Drive, Southlake, TX 76092 (US).(74) RUUSKANEN, Juha-Pekka et al. / etc.;
Page White & Farrer, 54 Doughty Street, Lon-
don 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 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 H04L 12/28

(11) WO 2004/105324 (13) A1

(21) PCT/JP2004/006727

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-142923 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PROVISION OF SERVICES TO
CLIENTS BY USE OF RADIO COM-
MUNICATION• FOURNITURE DE SERVICES A DES
CLIENTS PAR RADIOCOMMUNICA-
TION(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, New York 10504
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ITOH, Satoshi [JP/JP]; c/o Yamato
site, IBM Japan Ltd., 1623-14, Shimot-
suruma, Yamato-shi, Kanagawa, 2428502
(JP). TSUKAMOTO, Yasushi [JP/JP]; c/o
Yamato site, IBM Japan Ltd., 1623-14, Shi-
motsuruma, Yamato-shi, Kanagawa, 2428502
(JP).(74) SAKAGUCHI, Hiroshi et al. / etc.; c/o
Yamato site, IBM Japan Ltd., 1623-14, Shi-
motsuruma, Yamato-shi, Kanagawa, 2428502
(JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H04L 12/28

(11) WO 2004/105325 (13) A2

(21) PCT/US2004/011203

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/442,218 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TECHNIQUES FOR PROVIDING A
VIRTUAL WORKSPACE COMPRISED
OF A MULTIPLICITY OF ELEC-
TRONIC DEVICES• TECHNIQUES PERMETTANT DE
FOURNIR UN ESPACE DE TRAVAIL
VIRTUEL CONSTITUE D'UNE MULTI-
PLICITE DE DISPOSITIFS ELECTRO-
NIQUES(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NJ 10504 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) BANTZ, David, F.; 100 Haines Road -
#1009, Bedford Hills, NY 10507 (US).
GOPALAKRISHNAN, Ponani; 3171
Stoneleigh Court, Yorktown Heights, NY
10598 (US). GRUEN, Daniel, M.; 183 Mill
Street, Newton, MA 02460 (US). HERGER,
Lorraine, M.; 620 King Street, Port Chester,
NY 10573 (US). LEE, Nathan, Junsup;
19 Scher Drive, New City, NJ 10956 (US).
SHEA, Dennis, Gerard; 15 Serfilippi Drive,
Ridgefield, CT 06877 (US). VIVEROS,
Marisa, S.; 2 Hudson Drive, Dobbs Ferry,
NY 10522 (US).(74) MASON, Kevin, M. et al. / etc.; Ryan, Ma-
son & Lewis, LLP, 1300 Post Road, Suite 205,
Fairfield, CT 06824 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04L 12/40

(11) WO 2004/105326 (13) A2

(21) PCT/IB2004/050627

(22) 10 May/mai 2004 (10.05.2004)

(25) en (26) en

(30) 03101434.3 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • TIME-TRIGGERED COMMUNICA-
TION SYSTEM AND METHOD FOR
THE SYNCHRONIZED START OF A
DUAL-CHANNEL NETWORK• SYSTEME DE COMMUNICATION A
DECLenchement temporel et
PROCEDE DE LANCEMENT SYN-
CHRONISE D'UN RESEAU BICANAL(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N. V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf DE US)(72, 75) UNGERMANN, Jörn [DE/DE]; c/o
Philips Intellectual Property & Standards
GmbH, Weisshausstr. 2, 52066 Aachen (DE).
FUHRMANN, Peter [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisshausstr. 2, 52066 Aachen (DE).(74) VOLMER, Georg; Philips Intellectual Prop-
erty & 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 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 H04L 12/56, 29/06

(11) WO 2004/105327 (13) A1

(21) PCT/IB2004/001511

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03405379.3 26 May/mai 2003 EP
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND A TRANSCEIVER DE-
VICE FOR TRANSMITTING MEDIA
DATA VIA A NETWORK• DISPOSITIF EMETTEUR-RECEPTEUR
PERMETTANT DE TRANSMETTRE
DES DONNEES MEDIA A TRAVERS
UN RESEAU ET SON PROCEDE

(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)

(72, 75) **VAN HERREWEGHEN, Elsie** [BE/CH]; Sennhuettenstrasse 37, CH-8810 Horgen (CH). **ROONEY, John, G.** [IE/CH]; Uetlibergstrasse 42, CH-8045 Zurich (CH).

(74) **KLETT, Peter M et al.** / etc.; IBM Research GmbH, Zurich Research Laboratory / IPL, Säumerstrasse 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 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 **H04L 12/56, 12/40**

(11) **WO 2004/105328** (13) A1

(21) PCT/IB2004/050625

(22) **10 May/mai 2004 (10.05.2004)**

(25) en (26) en

(30) 03101445.9 **21 May/mai 2003** EP (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MESSAGE MEMORY FOR A COMMUNICATION PROTOCOL AND METHOD

• MEMOIRE A MESSAGE POUR UN PROTOCOLE DE COMMUNICATION ET SON PROCEDE

(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). *(for all designated States except / pour tous les États désignés sauf DE US)*

(72, 75) **FUHRMANN, Peter** [DE/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 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 **H04L 12/56**

(11) **WO 2004/105329** (13) A1

(21) PCT/JP2003/006213

(22) **19 May/mai 2003 (19.05.2003)**

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HOME AGENT DEVICE, MOBILE COMMUNICATION SYSTEM, AND LOAD DISTRIBUTING METHOD

• DISPOSITIF D'AGENT DOMESTIQUE, SYSTEME DE COMMUNICATION MOBILE ET PROCEDE DE DISTRIBUTION DE LA CHARGE

(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) **HIRASHIMA, Akira** [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **HIRASAKI, Katsuya** [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **OONISHI, Katsuaki** [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). **TOYAMA, Hideya** [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(74) **SANADA, Tamotsu**; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) JP US.

(51)⁷ **H04L 12/56**

(11) **WO 2004/105330** (13) A2

(21) PCT/JP2004/007126

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 2003-142460 **20 May/mai 2003** JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ACCESS CONTROL METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE COMMANDE D'ACCES

(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) **OHMI, Shinichiro**

(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 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 **H04L 12/56, H04Q 7/38**

(11) **WO 2004/105331** (13) A1

(21) PCT/JP2004/007325

(22) **21 May/mai 2004 (21.05.2004)**

(25) ja (26) ja

(30) 2003-144283 **22 May/mai 2003** JP (22.05.2003)

(30) 2003-432192 **26 Dec/déc 2003** JP (26.12.2003)

(30) 2004-135103 **30 Apr/avr 2004** JP (30.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DATA COMMUNICATION SYSTEM, COMMUNICATION DEVICE, AND COMMUNICATION PROGRAM THEREOF

• SYSTEME DE COMMUNICATION DE DONNEES, DISPOSITIF ET PROGRAMME DE COMMUNICATION ASSOCIES A CE SYSTEME

(71) **NEC Corporation** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKATA, Tsuneo** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). **ONO, Masahiro** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). **MOMONA, Morihisa** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). **OKANOUE, Kazuhiro** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) **HAMADA, Haruo**; Wisdom House, 4-12, Minami-Aoyama 3-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **H04L 12/58**

(11) **WO 2004/105332** (13) A2

(21) PCT/US2004/015383

- (22) 14 May/mai 2004 (14.05.2004)
(25) en (26) en
(30) 60/471,242 15 May/mai 2003 US (15.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • METHOD AND APPARATUS FOR FILTERING EMAIL SPAM BASED ON SIMILARITY MEASURES
• PROCEDE ET APPAREIL DE FILTRATION DU SPAM DU COURRIER ELECTRONIQUE FONDES SUR DES MESURES DE SIMILARITE
(71) BRIGHTMAIL, INC. [US/US]; 301 Howard Street, 18th Floor, San Francisco, CA 94105 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GLEESON, Matt; ** (US). HOOGSTRATE, David; ** (US). JENSEN, Sandy; ** (US). MANTEL, Eli; ** (US). MEDLAR, Art; ** (US). SCHNEIDER, Ken; ** (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04L 12/66, 12/56, G06F 13/00
(11) WO 2004/105333 (13) A1
(21) PCT/JP2003/006432
(22) 22 May/mai 2003 (22.05.2003)
(25) ja (26) ja
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • SAFE VIRTUAL PRIVATE NETWORK
• RESEAU PRIVE VIRTUEL SECURISE
(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) KAMIWADA, Toru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SONODA, Toshihiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWAI, Jun [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(74) KAWAKAMI, Koji et al. / etc.; OWA PATENT FIRM, 9th Floor, Iriye Building, 76-2, Kyo-machi, Kobe-shi, Hyogo 650-0034 (JP).
(81) JP US.
(51)⁷ H04L 25/00
(11) WO 2004/105334 (13) A2
(21) PCT/US2004/015895
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) 10/441,461 20 May/mai 2003 US (20.05.2003)
(30) 10/815,604 31 Mar/mar 2004 US (31.03.2004)
(30) 10/849,264 18 May/mai 2004 US (18.05.2004)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • MARGIN TEST METHODS AND CIRCUITS
• PROCEDES ET CIRCUITS D'ESSAI DE MARGES
(71) RAMBUS INC. [US/US]; 4440 El Camino Real, Los Altos, CA 94022 (US).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) GARLEPP, Bruno, W. [US/US]; 5193 Rhonda Drive, San Jose, CA 95129 (US). CHEN, Fred, F. [US/US]; 2886 Geary Blvd., Apt. 4, San Francisco, CA 94118 (US). HO, Andrew [US/US]; 3725 Ortega Court, Palo Alto, CA 94303 (US). STOJANOVIC, Vladimir [YU/US]; 73 Barnes Court, Apt. B, Stanford, CA 94305 (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 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 H04L 25/02
(11) WO 2004/105335 (13) A1
(21) PCT/EP2003/005380
(22) 22 May/mai 2003 (22.05.2003)
(25) en (26) en
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • APPARATUS AND METHOD FOR PROCESSING AN IMPULSE RESPONSE OF A CHANNEL
• APPAREIL ET PROCEDE DE TRAITEMENT D'UNE REPONSE IMPULSIONNELLE D'UN CANAL
(71) DOCOMO COMMUNICATIONS LABORATORIES EUROPE GMBH [DE/DE]; Landsberger Strasse 308-312, 80687 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) AUER, Gunther [DE/DE]; Westendstrasse 61, 80339 München (DE).
(74) ZINKLER, Franz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, P.O. Box 246, 82043 Pullach (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 27/00
(11) WO 2004/105336 (13) A2
(21) PCT/US2004/015865
(22) 20 May/mai 2004 (20.05.2004)
(25) en (26) en
(30) 60/471,732 20 May/mai 2003 US (20.05.2003)
(43) 2 Dec/déc 2004 (02.12.2004)
(54) • METHOD AND SYSTEM FOR MITIGATING FOURIER TRANSFORM SIDE LOBES
• PROCEDE ET SYSTEME PERMETTANT DE MITIGER DES LOBES LATÉRAUX DE TRANSFORMÉE DE FOURIER
(71) GLOBESPANVIRATA INCORPORATED [US/US]; 100 Schultz Drive, Red Bank, NJ 07701 (US).
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(72, 75) DUVAUT, Patrick [FR/FR]; 48 Madison Court, Tinton Falls, NJ 07712 (US). LANGBERG, Ehud [US/US]; 44 Meadows Lane, Wayside, NJ 07712 (US). RAPAPORT, Albert [IL/IL]; 102 Radcliff Place, Morganville, NJ 07751 (US). SHOLTZ, William [US/US]; 734 Navesink Road, Red Bank, NJ 07701 (US). SHMULYIAN, Faina [IL/IL]; Harmon Cove Towers, #431, Secaucus, NJ 07094 (US).
(74) DUNCAN, Kevin, T. 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 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 H04L 27/18, 1/08

(11) WO 2004/105337 (13) A1

(21) PCT/US2004/013478

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/471,166 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REPETITION CODING IN A SATEL-
LITE-BASED COMMUNICATIONS
SYSTEM

• CODAGE PAR REPETITION DANS UN
SYSTEME DE COMMUNICATIONS
PAR SATELLITE

(71) THOMSON LICENSING S.A. [FR/FR];
46, Quai A. LeGallo, F-92648 Boulogne
Cedex (FR).

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les États désignés sauf US)

(72, 75) KOSLOV, Joshua [US/US]; 10 Fairway
Drive, Hopewell, NJ 08525 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 Indepen-
dence Way, 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 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 H04L 27/36, H03G 3/20, H04B 7/005

(11) WO 2004/105338 (13) A1

(21) PCT/EP2004/002898

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 03011716.2 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • AUTOMATIC POWER CONTROL CIR-
CUITRY FOR A QAM TRANSMITTER
UNIT OF A WIRELESS COMMUNICA-
TION DEVICE

• CIRCUITS AUTOMATIQUES DE COM-
MANDE DE PUISSANCE POUR EMET-
TEUR QAM EQUIPANT UN DISPOSI-
TIF DE COMMUNICATION SANS FIL

(71) SONY ERICSSON MOBILE COMMU-
NICATIONS AB [SE/SE]; Nya Vattentorget,
S-221 88 Lund (SE).

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(72, 75) RADIN-MACUKAT, Marjan
[YU/DE]; Büchmannstr. 18, 81825 Mu-
nich (DE). MALETZ, Thomas [DE/DE];
Jaspersallee 8, 81245 Munich (DE).

(74) RUPP, Christian; 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 PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04L 27/36, H04B 7/04

(11) WO 2004/105339 (13) A2

(21) PCT/US2004/015827

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/441,945 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BI-DIRECTIONAL VECTOR MODU-
LATOR

• MODULATEUR A VECTEUR BIDI-
RECTIONNEL

(71) FIDELITY COMTECH, INC. [US/US];
5485 Conestoga Court, #237, Boulder, Col-
orado 80301 (US).

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les États désignés sauf US)

(72, 75) CAREY, Joseph, M. [US/US]; 8024
Foxhill Drive, Longmont, Colorado 80501
(US).

(74) COCHRAN, William W. et al. / etc.;
Cochran Freund & Young LLC, 3555 Stan-
ford 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 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).

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 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)

(t) for all designations / pour toutes les
designations

(51)⁷ H04L 29/06

(11) WO 2004/105340 (13) A1

(21) PCT/EP2004/050889

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 0311921.1 23 May/mai 2003 GB
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SECURE TRAFFIC REDIRECTION IN
A MOBILE COMMUNICATION SYS-
TEM

• REACHEMINEMENT DE TRAFIC
SECURISE DANS UN SYSTEME DE
COMMUNICATION MOBILE

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ) [SE/SE]; S-16483 Stockholm
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(72, 75) NIKANDER, Pekka [FI/FI]; OY
LM Ericsson AB, FIN-02420 Jorvas (FI).
ARKKO, Jari [FI/FI]; Kauppalantie 25 A 7,
FIN-02700 Kauniainen (FI).

(74) LIND, Robert et al. / etc.; 4220 Nash Court,
Oxford Business Park South, Oxford Oxford-
shire 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 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 H04L 29/06, G06F 9/46

(11) WO 2004/105341 (13) A1

(21) PCT/EP2004/005487

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03291191.9 20 May/mai 2003 EP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR
LOAD-BALANCING IN A DIS-
TRIBUTED PROCESSING SYSTEM

• PROCEDE ET APPAREIL
D'EQUILIBRAGE DES CHARGES
DANS UN SYSTEME DE TRAITE-
MENT REPARTI

(71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.L.P.** [US/US]; 20555 S.H 249, Houston, TX 77070 (US).
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(72, 75) **FORISSIER, Jerome** [FR/FR]; "Le Grand Large A", 55, Av de Cannes, F-06160 Juan Les Pins (FR). **GAYRAUD, Richard** [FR/FR]; Res. Santa Monica, Bat C, 70, av. Maurice Cheval, F-06110 Le Cannet (FR). **LAMBERTON, Marc** [FR/FR]; 981, route de St Jean, F-06600 Antibes (FR). **MAN-SUTTI, David** [FR/FR]; Les Terrasses de Vallauris/Appt 22 Bt A, 190, route de Cannes, F-06220 Vallauris (FR).

(74) **LLOYD, Richard**; HP Centre de Competences France, IP Section/ Legal Dept, 5, av. Raymond Chanas, F-38053 Grenoble 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 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).

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 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)

(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 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 H04L 29/06, H04Q 7/32

(11) **WO 2004/105342** (13) A1

(21) PCT/FI2004/000287

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 20030776 22 May/mai 2003 FI (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD FOR UPDATING SESSION INITIATION INFORMATION IN CONNECTION WITH A TELEPHONE CALL AND A TERMINAL DEVICE USING THE METHOD

• PROCEDE POUR METTRE A JOUR LES INFORMATIONS RELATIVES AU DEBUT D'UNE SEANCE EN RAPPORT AVEC UN APPEL TELEPHONIQUE ET DISPOSITIF A TERMINAL UTILISANT CE PROCEDE

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).
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(72, 75) **NETTAMO, Esa** [FI/FI]; Vanhatullinkatu 6 B 23, FI-90100 Oulu (FI). **NIRHAMO, Mikko** [FI/FI]; Oulunseläntie 24 B 1, FI-90580 Oulu (FI). **PAIHONEN, Sami** [FI/FI]; Veteläisenkuja 11 D 17, FI-90540 Oulu (FI).

(74) **BERGGREN OY AB**; Lentokatu 2, FI-90460 Oulunsalo (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 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 H04L 29/06

(11) **WO 2004/105343** (13) A2

(21) PCT/JP2004/006894

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 2003-144476 22 May/mai 2003 JP (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SERVER APPARATUS AND A DATA COMMUNICATIONS SYSTEM

• APPAREIL SERVEUR ET SYSTEME DE COMMUNICATION DE DONNEES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006 Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) **YOSHIKAI, Tadashi** **KIHARA, Toshiyuki** **WATANABE, Yoshiyuki** **KOGA, Hisashi** **ARIMA, Yuji**

(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 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 H04L 29/06, 12/46

(11) **WO 2004/105344** (13) A1

(21) PCT/US2004/012022

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/440,790 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • UNIVERSAL PLUG-AND-PLAY (UPNP) MIRRORING DEVICE

• DISPOSITIF D'EMULATION UNIVERSEL PRET-A-L'EMPLOI (UPNP)

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **SAINT-HILAIRE, Ylian**; 1316 N.E. Carlabby Way, #173, Hillsboro, OR 97124 (US). **ROE, Bryan**; 1926 N.W. 26th Avenue, Camas, WA 98607 (US). **KIDD, Nelson**; 2548 N.W. Quartz Street, Camas, WA 98607 (US).

(74) **MALLIE, Michael, J. et al.** / etc.; Blakely Sokoloff Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 29/06, H04M 7/00, 1/253

(11) **WO 2004/105345** (13) A1

(21) PCT/US2004/012478

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/439,976 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR VIRTUAL CHANNEL SELECTION IN IP TELEPHONY SYSTEMS

• SYSTEME ET PROCEDE DE SELECTION D'UN CANAL VIRTUEL DANS DES SYSTEMES DE TELEPHONIE IP

(71) **SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC.**

- [US/US]; 900 Broken Sound Parkway, Boca Raton, FL 33487-3587 (US).
- (72, 75) **PUNJABI, Anil** [IN/US]; 534 Giuffrida Avenue, Apt. A, San Jose, CA 95123 (US). **RUYLE, Kenny** [US/US]; 1108 Salerno Drive, Campbell, CA 95008 (US).
- (74) **CHUNG, David, D.** 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).
-
- (51)⁷ **H04L 29/06, G06F 9/46**
- (11) **WO 2004/105346** (13) A1
- (21) PCT/US2004/014193
- (22) **7 May/mai 2004 (07.05.2004)**
- (25) en (26) en
- (30) 10/438,268 **15 May/mai 2003 (15.05.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **WEB APPLICATION SERVER**
- SERVEUR D'APPLICATION INTERNET
- (71) **SAP AKTIENGESellschaft** [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).
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- (72, 75) **HILL, Michael, Sean** [US/US]; 197 Guerrero Street, San Francisco, CA 94103-1014 (US). **MANN, Joerg** [DE/US]; 2100 Oberlin Street, Palo Alto, CA 94306 (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 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 **H04L 29/06**

(11) **WO 2004/105347** (13) A2

(21) PCT/US2004/014385

- (22) **2 May/mai 2004 (02.05.2004)**
- (25) en (26) en
- (30) 60/467,741 **2 May/mai 2003 (02.05.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **CONTENT DELIVERY METHOD AND APPARATUS**
- PROCEDE ET APPAREIL D'ACHEMINEMENT DE CONTENU
- (71) **INTERSTREAM, LLC** [US/US]; 7011 Koll Center Drive, Suite 150, Pleasanton, CA 94566 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, John** [US/US]; 11434 Asdfafds, Palo Alto, CA 94301 (US).
- (74) **WIESNER, Leland**; 366 Cambridge Avenue, Palo Alto, CA 94301 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **H04L 29/06**
- (11) **WO 2004/105348** (13) A2
- (21) PCT/US2004/015027
- (22) **13 May/mai 2004 (13.05.2004)**
- (25) en (26) en
- (30) 60/471,851 **19 May/mai 2003 (19.05.2003)** US
- (30) 10/698,810 **30 Oct/oct 2003 (30.10.2003)** US
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • **SYSTEMS AND METHODS IN WHICH A PROVIDER IS SELECTED TO SERVICE CONTENT REQUESTED BY A CLIENT DEVICE**
- SYSTEMES ET PROCEDES DANS LESQUELS UN FOURNISSEUR EST SELECTIONNE POUR LA REALISATION D'UN SERVICE SUR UN CONTENU DEMANDE PAR UN DISPOSITIF CLIENT
- (71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROY, Sumit** [US/US]; 1025 Mallet Court #3, Menlo Park, California 94025 (US). **SHEN, Bo** [US/US]; 865 Bogalusa Court, Fremont, California 94539 (US). **ANKCORN, John** [US/US]; 211 Chestnut Avenue, Palo Alto, California 94306 (US). **APOSTOLOPOULOS, John G.** [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US). **COVELL, Michele** [US/US]; 2150 Dartmouth, Palo Alto, California 94306 (US). **HARVILLE, Michael** [US/US]; P O Box 60181, Palo Alto, California 94306 (US). **TAN, Wai-tian** [US/US]; 1564 Pine Pass Terrace, Sunnyvale, California 94087 (US). **WEE, Susie J.** [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US).

- (74) **LEE, Denise A.**; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, Colorado 80527-2400 (US).

- 2150 Dartmouth, Palo Alto, California 94306 (US). **HARVILLE, Michael** [US/US]; P O Box 60181, Palo Alto, California 94306 (US). **TAN, Wai-tian** [US/US]; 1564 Pine Pass Terrace, Sunnyvale, California 94087 (US). **WEE, Susie J.** [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US).
- (74) **LEE, Denise A.**; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, Colorado 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 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 **H04L 29/06**

(11) **WO 2004/105349** (13) A2

(21) PCT/US2004/015186

(22) **13 May/mai 2004 (13.05.2004)**

(25) en (26) en

(30) 60/471,851 **19 May/mai 2003 (19.05.2003)** US

(30) 10/698,811 **30 Oct/oct 2003 (30.10.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • **SYSTEMS AND METHODS FOR PERFORMING A SERVICE ON CONTENT REQUESTED BY A CLIENT DEVICE**
- SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER UN SERVICE SUR UN CONTENU DEMANDE PAR UN DISPOSITIF CLIENT

- (71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ROY, Sumit** [US/US]; 1025 Mallet Court #3, Menlo Park, California 94025 (US). **SHEN, Bo** [US/US]; 865 Bogalusa Court, Fremont, California 94539 (US). **ANKCORN, John** [US/US]; 211 Chestnut Avenue, Palo Alto, California 94306 (US). **APOSTOLOPOULOS, John G.** [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US). **COVELL, Michele** [US/US]; 2150 Dartmouth, Palo Alto, California 94306 (US). **HARVILLE, Michael** [US/US]; P O Box 60181, Palo Alto, California 94306 (US). **TAN, Wai-tian** [US/US]; 1564 Pine Pass Terrace, Sunnyvale, California 94087 (US). **WEE, Susie J.** [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US).

- (74) **LEE, Denise A.**; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, Colorado 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 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 H04L 29/06

(11) WO 2004/105350 (13) A2

(21) PCT/US2004/015193

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,851 19 May/mai 2003 US (19.05.2003)

(30) 10/698,685 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR MANAGING A STREAMING MEDIA SERVICE (AS AMENDED)

• PROCEDE ET SYSTEME PERMETTANT LA GESTION D'UN SERVICE DE DIFFUSION MULTIMEDIA EN CONTINU

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARVILLE, Michael [US/US]; P O Box 60181, Palo Alto, California 94306 (US). COVELL, Michele [US/US]; 2150 Dartmouth, Palo Alto, California 94306 (US). ANKCORN, John [US/US]; 211 Chestnut Avenue, Palo Alto, California 94306 (US). APOSTOLOPOULOS, John G. [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US). ROY, Sumit [US/US]; 1025 Mallet Court #3, Menlo Park, California 94025 (US). SHEN, Bo [US/US]; 685 Bogalusa Court, Fremont, California 94539 (US). TAN, Wai-tian [CA/US]; 1564 Pine Pass Terrace, Sunnyvale, California 94087 (US). WEE, Susie J. [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US).

(74) LEE, Denise A.; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, Colorado 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 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 H04L 29/06

(11) WO 2004/105351 (13) A2

(21) PCT/US2004/015281

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 10/439,022 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A BOUNDED INDEX EXTENSIBLE HASH-BASED IPV6 ADDRESS LOOKUP METHOD

• METHODE DE CONSULTATION D'ADRESSE IPV6 FONDEE SUR LE HACHAGE EXTENSIBLE A INDEX LIE

(71) CISCO TECHNOLOGY, INC [US/US]; 170 W. Tasman Drive, San Jose, CA 95134-1706 (US).

(72) BARACH, David, R.; 27 Fifer's Lane, Boxborough, MA 01719 (US). BAT-ACHARIA, Bobby; 9 Francis Street, Brookline, MA 02446 (US).

(74) KABAKOFF, Stephen, E. et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue - Suite 271, 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 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 H04L 29/06, G06F 9/46

(11) WO 2004/105352 (13) A1

(21) PCT/US2004/015356

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,851 19 May/mai 2003 US (19.05.2003)

(30) 10/698,671 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEMS AND METHODS FOR SELECTING A PROVIDER

• SYSTEMES ET PROCEDE PERMETTANT DE SELECTIONNER UN FOURNISSEUR

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROY, Sumit [US/US]; 1025 Mallet Court #3, Menlo Park, CA 94025 (US). COVELL, Michele [US/US]; 2150 Dartmouth,

Palo Alto, CA 94306 (US). ANKCORN, John [US/US]; 211 Chestnut Avenue, Palo Alto, CA 94306 (US). APOSTOLOPOULOS, John, G. [US/US]; 963 Van Auken Circle, Palo Alto, CA 94303 (US). HARVILLE, Michael [US/US]; P O Box 60181, Palo Alto, CA 94306 (US). SHEN, Bo [US/US]; 865 Bogalusa Court, Fremont, CA 94539 (US). TAN, Wai-tian [US/US]; 1564 Pine Pass Terrace, Sunnyvale, CA 94087 (US). WEE, Susie, J. [US/US]; 963 Van Auken Circle, Palo Alto, CA 94303 (US).

(74) LEE, Denise, A.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Fort Collins, CA 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 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 H04L 29/06

(11) WO 2004/105353 (13) A2

(21) PCT/US2004/015361

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 60/471,851 19 May/mai 2003 US (19.05.2003)

(30) 10/698,816 30 Oct/oct 2003 US (30.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR ADAPTING SERVICE LOCATION PLACEMENT BASED ON RECENT DATA RECEIVED FROM SERVICE NODES AND ACTIONS OF THE SERVICE LOCATION MANAGER

• PROCEDE D'ADAPTATION D'EMPLACEMENT DE SERVICES EN FONCTION DE DONNEES RECENTES REÇUES A PARTIR DE NOEUDS DE SERVICES ET D'ACTIONS DU GESTIONNAIRE D'EMPLACEMENT DE SERVICES

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COVELL, Michele [US/US]; 2150 Dartmouth, Palo Alto, California 94306 (US). ROY, Sumit [US/US]; 1025 Mallet Court #3, Menlo Park, California 94025 (US). ANKCORN, John [US/US]; 211 Chestnut Avenue, Palo Alto, California 94306 (US). APOSTOLOPOULOS, John, G. [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US). HARVILLE, Michael [US/US]; P O Box 60181, Palo Alto, California 94306 (US). SHEN, Bo [US/US]; 865 Bogalusa Court, Fremont, California 94539

- (US). TAN, Wai-tian [US/US]; 1564 Pine Pass Terrace, Sunnyvale, California 94087 (US). WEE, Susie J, [US/US]; 963 Van Auken Circle, Palo Alto, California 94303 (US).
- (74) LEE, Denise A.; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, Colorado 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 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 H04L 29/08, 12/14
- (11) WO 2004/105354 (13) A2
- (21) PCT/IB2004/001688
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 60/472,716 23 May/mai 2003 US (23.05.2003)
- (30) 10/850,561 21 May/mai 2004 US (21.05.2004)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • SYSTEM FOR A WIRELESS INTELLIGENT SERVICES ENGINE
- SYSTEME POUR MOTEUR DE SERVICES INTELLIGENT SANS FIL
- (71) XIUS INDIA LTD. [IN/IN]; Reliance Classic, Road No. 1, Banjara Hills, Hyderabad (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KUMAR, G., V.; c/o Xius India Ltd., Reliance Classic, Road No. 1, Banjara Hills, Hyderabad (IN). NAGARAJU, G., V., R.; c/o Xius India Ltd, Reliance Classic, Road No. 1, Banjara Hills, Hyderabad (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 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 H04L 29/10
- (11) WO 2004/105355 (13) A1
- (21) PCT/KR2003/002638
- (22) 3 Dec/déc 2003 (03.12.2003)
- (25) en (26) en
- (30) 10-2003-0032414 21 May/mai 2003 KR (21.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • INTELLIGENT TRAFFIC MANAGEMENT SYSTEM FOR NETWORKS AND INTELLIGENT TRAFFIC MANAGEMENT METHOD USING THE SAME
- SYSTEME DE GESTION DE TRAFIC INTELLIGENT POUR RESEAUX, ET PROCEDE METTANT EN OEUVRE LEDIT SYSTEME
- (71) NITGEN TECHNOLOGIES CO., LTD. [KR/KR]; Hankook Sanhak Foundation Bldg. 3F, 1337-31, Seocho-dong 1445-3, Seocho-gu, 137-070 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YOON, Ki-Joo [KR/KR]; 203, Solgreenvilla, 57-13, Songpa-dong, Songpa-gu, 138-170 Seoul (KR). LEE, Nam-Yeol [KR/KR]; 301-1304, Expo APT., 464-1, Jeonmin-dong, Yuseong-gu, 305-761 Seoul (KR).
- (74) LEE, Myoung-Taek et al. / etc.; C & L Patent Law Office, 4th Fl., Junyoung Bldg., 1603-7, Seocho-dong, Seocho-gu, Seoul 137-877 (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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 H04M
- (11) WO 2004/105356 (13) A2
- (21) PCT/US2004/015600
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 60/471,553 19 May/mai 2003 US (19.05.2003)
- (30) 60/511,443 15 Oct/oct 2003 US (15.10.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • WIRELESS LOCAL POSITIONING SYSTEM
- SYSTEME DE POSITIONNEMENT LOCAL SANS FIL
- (71) BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY [US/US]; 1400 Townsend Drive, Houghton, MI 49931 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZEKAVAT, Seyed, A. [IR/US]; 19227 Copper Ridge Road, Houghton, MI 49931 (US).
- (74) JONES, Daniel, S.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04M
- (11) WO 2004/105357 (13) A2
- (21) PCT/US2004/015607
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/441,724 19 May/mai 2003 US (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DYNAMIC BALANCE CONTROL FOR TELEPHONE
- CONTROLE D'EQUILIBRE DYNAMIQUE POUR TELEPHONE
- (71) ACOUSTIC TECHNOLOGIES, INC. [US/US]; 1620 South Stapley Drive, Suite 201, Mesa, AZ 85204 (US).
- (72) MIKESELL, James, R.; 1811 East Oxford Drive, Tempe, AZ 85283 (US). STORY, Franklyn, H.; 708 West Bentrup Street, Chandler, AZ 85225 (US).
- (74) WILLE, Paul, F.; 6407 East Clinton Street, Scottsdale, AZ 85254 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04M
- (11) WO 2004/105358 (13) A2
- (21) PCT/US2004/015708
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 10/441,725 19 May/mai 2003 US (19.05.2003)

- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • DISTRIBUTED VAD CONTROL SYSTEM FOR TELEPHONE
• SYSTEME DISTRIBUE DE CONTROLE DE VAD POUR TELEPHONE
- (71) ACOUSTIC TECHNOLOGIES, INC. [US/US]; 1620 South Stapley Drive, Suite 201, Mesa, AZ 85204 (US).
- (72) ALLEN, Justin, L.; 729 South Nassau, Mesa, AZ 85206 (US). STORY, Franklyn, H.; 708 West Bentrup St., Chandler, AZ 85225 (US). SUPPAPOLA, Seth; 1944 East Stephens Drive, Tempe, AZ 85283 (US).
- (74) WILLE, Paul, F.; 6407 East Clinton Street, Scottsdale, AZ 85254 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04M
- (11) WO 2004/105359 (13) A2
- (21) PCT/US2004/015738
- (22) 19 May/mai 2004 (19.05.2004)
- (25) en (26) en
- (30) 60/471,351 19 May/mai 2003 US (19.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • AN APPARATUS AND METHOD FOR INCREASED SECURITY OF WIRELESS TRANSACTIONS
• DISPOSITIF ET PROCEDE PERMETTANT D'OBTENIR UNE SECURITE ACCRUE AU COURS DE TRANSACTIONS PAR VOIE HERTZIENNE
- (71, 72) ROSENBERG, Einar [US/US]; 1801 Rosewood Way, Palm Beach Gardens, FL 33418 (US).
- (74) GROSSMAN, Jon, D.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04M 1/00, H04Q 7/38, 7/22
- (11) WO 2004/105360 (13) A1
- (21) PCT/CN2004/000509
- (22) 19 May/mai 2004 (19.05.2004)
- (25) zh (26) zh
- (30) 03123912.9 20 May/mai 2003 CN (20.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • METHOD FOR PERFORMING THE WIRELESS PUBLIC TELEPHONE
• PROCEDE POUR FAIRE FONCTIONNER LE TELEPHONE PUBLIC SANS FIL
- (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) LI, Shiqian [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golden Plaza, N0.10 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 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 H04M 1/00, 1/725
- (11) WO 2004/105361 (13) A1
- (21) PCT/JP2004/007313
- (22) 21 May/mai 2004 (21.05.2004)
- (25) ja (26) ja
- (30) 2003-144593 22 May/mai 2003 JP (22.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RELAY DEVICE FOR MOBILE DEVICE
• DISPOSITIF DE RELAIS POUR DISPOSITIF MOBILE
- (71) ALPS ELECTRIC CO., LTD. [JP/JP]; 1-7, Yukigaya-Otsuka-cho., Ota-ku., Tokyo 1458501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAI, Takashi [JP/JP]; c/o ALPS ELECTRIC CO., LTD, 1-7, 1-7, Yukigaya-Otsuka-cho., Ota-ku., Tokyo 1458501 (JP).
- (74) NOZAKI, Teruo; Nishiwaki Building 3rd Floor, 4-1-4, Kojimachi., 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 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 H04M 1/03, 1/02, H04Q 7/32
- (11) WO 2004/105362 (13) A1
- (21) PCT/JP2003/006417
- (22) 22 May/mai 2003 (22.05.2003)
- (25) ja (26) ja
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • PORTABLE TERMINAL DEVICE
• TERMINAL PORTABLE
- (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) KAKUGUCHI, Kazuhiro [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (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) JP US.
-
- (51)⁷ H04M 1/725, 1/247
- (11) WO 2004/105363 (13) A1
- (21) PCT/EP2004/005570
- (22) 24 May/mai 2004 (24.05.2004)
- (25) de (26) de
- (30) 103 23 913.8 23 May/mai 2003 DE (23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MMS-TO-POSTCARD METHOD
• PROCEDE PERMETTANT DE TRANSFORMER UN MMS EN CARTE POSTALE
- (71) VODAFONE HOLDING GMBH [DE/DE]; Mannesmannufer 2, 40213 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LASINSKI, Gerald [DE/DE]; Oberkaseler Strasse 24, 40545 Düsseldorf (DE). CRUSCHWITZ, Alexander [DE/DE]; Dammstrasse 19 a, 50259 Pulheim (DE). GAUBA, Alok [IN/DE]; Dorfstrasse 15d, 40667 Meerbusch (DE). FUNKE, Stephan [DE/DE]; Eibenweg 3, 40880 Ratingen (DE). NOEVER, Stephan [DE/DE]; Adrian Wilhelm Weg 6, 47877 Willich (DE).
- (74) WEISSE, Jürgen; Weisse & Wolgast, Bökenbuschstr. 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 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).

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 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)

(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 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)

(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 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 H04M 1/725, 1/23

(11) WO 2004/105364 (13) A1

(21) PCT/IB2004/000114

(22) 19 Jan/jan 2004 (19.01.2004)

(25) en (26) en

(30) 10/441,722 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • KEYPAD FOR PORTABLE ELECTRONIC DEVICES

• CLAVIER POUR DISPOSITIFS ELECTRONIQUES PORTABLES

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentorget, S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRYANT, Bettina [US/US]; Route 3, Box 418, Appomattox, VA 24522 (US).

(74) BENNETT, David; Coats & Bennett, P.L.L.C., Post Office Box 5, Raleigh NC 27602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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); (s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04M 3/42, 1/725, 1/2745, H04Q 7/32

(11) WO 2004/105365 (13) A1

(21) PCT/EP2004/005482

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 0306125 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR TRANSFER OF CHARACTERISTICS OF A FUNCTIONALITY

• PROCÉDÉ ET DISPOSITIF DE TRANSFERT DE CARACTÉRISTIQUES D'UNE FONCTIONNALITÉ

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOTTIN, Philippe [FR/FR]; 10, rue de kériariou, F-22560 Trebeurden (FR). DAOUBEN, Jean [FR/FR]; 1, rue Ernest Renan, F-22560 Trebeurden (FR). PAILLET, Eric [FR/FR]; 16, rue Henri Barbusse, F-22730 Tregastel (FR). GUILLOT, Yvon

[FR/FR]; 1, route de Pors Mabo, F-22560 Trebeurden (FR).

(74) MAILLET, Alain; Cabinet Le Guen & Maillet, 5, place Newquay, B.P. 70250, F-35802 Dinard 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 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 H04M 3/42

(11) WO 2004/105366 (13) A2

(21) PCT/IB2004/001664

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/444,339 23 May/mai 2003 US (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTERACTIVE TELEPHONY INTERFACE

• INTERFACE DE TELEPHONIE INTERACTIVE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72) CICCARELLI, Mark, A.; 8 Julia Circle, East Setauket, NY 11733 (US). LEVINE, Jacob; 40 Pine Street, Port Jefferson Station, NY 11766 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04M 3/428

(11) WO 2004/105367 (13) A1

(21) PCT/IB2004/050730

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03101520.9 26 May/mai 2003 EP (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR ACTIVITY SELECTION DURING ON-HOLD

• PROCEDE ET APPAREIL DE SELECTION D'ACTIVITE AU COURS D'UNE MISE EN ATTENTE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) THELEN, Eric [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04M 3/493, 1/2745

(11) WO 2004/105368 (13) A1

(21) PCT/EP2004/005484

(22) 18 May/mai 2004 (18.05.2004)

(25) fr (26) fr

(30) 03/06133 22 May/mai 2003 FR (22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND TELECOMMUNICATION TERMINAL FOR AUTOMATICALLY COMPOSING A TELEPHONE NUMBER

• PROCEDE ET TERMINAL DE TELECOMMUNICATION POUR LA COMPOSITION AUTOMATIQUE D'UN NUMERO DE TELEPHONE

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) LOTTIN, Philippe [FR/FR]; 10, rue de kériarou, F-22560 Trebeurden (FR).
CHEVIET, Jean-Louis [FR/FR]; 15, rue Frédéric Mistral, 22300 Lannion (FR).

(74) MAILLET, Alain; Cabinet Le Guen Maillet, 5, place Newquay, Boîte postale 70250, F-35802 Dinard 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 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 H04M 3/51, 3/493

(11) WO 2004/105369 (13) A1

(21) PCT/EP2004/005486

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03291190.1 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VOCAL ASSISTANT TO PROVIDE PREDEFINED TEXT MESSAGES TO A CALL USING TEXT-TO-SPEECH CONVERTER

• SYSTEME D'AIDE VOCAL PERMETTANT DE FOURNIR DES MESSAGES TEXTUELS PREDEFINIS AU COURS D'UN APPEL AU MOYEN D'UN CONVERTISSEUR TEXTE-PAROLE

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.L.P. [US/US]; 20555 S.H 249, Houston, TX 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)(71, 72) ALLEGRE, Jean-Pierre [FR/FR]; 74 Chemin Pre Reynard, F-38330 Biviers (FR).
(only for / seulement pour US)

(74) LLOYD, Richard; HP Centre de Competences France, IP Section/ Legal Dept, 5, av. Raymond Chanas, F-38053 Grenoble 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 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).

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 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)

(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 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 H04M 9/00

(11) WO 2004/105370 (13) A1

(21) PCT/JP2004/007289

(22) 21 May/mai 2004 (21.05.2004)

(25) ja (26) ja

(30) 2003-181855 23 May/mai 2003 JP (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMMUNICATION CONTROL DEVICE FOR INTERPHONE AND THE INTERPHONE

• DISPOSITIF DE COMMANDE DE COMMUNICATION POUR INTERPHONE ET INTERPHONE

(71) COH-BEING CO., LTD. [JP/JP]; Bancho-Palace 302, 2, Gobancho, Chiyoda-ku, Tokyo 102-0076 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IIZUKA, Yoshio [JP/JP]; 1-3-1222, Yamate 1-chome, Funabashi-shi, Chiba 273-0045 (JP).

(74) TAKAKI, Yutaka et al. / etc.; 6th Floor, Aobadai Tower Annex, 3-1-18, Aobadai, Meguro-ku, Tokyo 153-0042 (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 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 H04M 9/08

(11) WO 2004/105371 (13) A1

(21) PCT/EP2004/003054

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/456,764 20 May/mai 2003 US (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROPHONE CIRCUIT HAVING ADJUSTABLE DIRECTIVITY PATTERN FOR REDUCING LOUDSPEAKER

FEEDBACK AND METHOD OF OPERATING THE SAME

- CIRCUIT DE MICROPHONE A DIAGRAMME DIRECTIONNEL AJUSTABLE PERMETTANT DE REDUIRE LA RETROACTION D'UN HAUT-PARLEUR ET PROCEDE DE FONCTIONNEMENT ASSOCIE

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; IPR Department, Nya Vattentornet, S-221 88 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GUSTAVSSON, Stefan** [SE/SE]; Kjällstorgsgatan 13, S-254 58 Helsingborg (SE). **ISBERG, Peter** [SE/SE]; Iliongränden 233, S-224 72 Lund (SE).

(74) **BENGTSOON, Peggy** et al. / etc.; SONY ERICSSON MOBILE COMMUNICATIONS AB, IPR Department, Nya Vattentornet, S-221 88 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).

(51)⁷ H04M 19/04

(11) **WO 2004/105372** (13) A1

(21) PCT/EP2004/050793

(22) **13 May/mai 2004 (13.05.2004)**

(25) de (26) de

(30) 10323878.6 **26 May/mai 2003 DE (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR SIGNALLING A CALL AND SUBSCRIBER STATION

- PROCEDE POUR SIGNALER UN APPEL ET POSTE DU 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) **STAHLBERG, Kathleen** [DE/US]; 1524 Ravens Crest Drive, Plainsboro, 08536 (US). **ANDERT, Markus** [DE/DE]; Nordwiesenweg 13, 31171 Nordstemmen (DE). **BLAIMBERGER, Frank** [DE/DE]; Lechallee 13 A, 86399 Bobingen (DE). **ENGL, Walter** [DE/DE]; Am Kellerberg 4, 83620 Feldkirchen-Westerham (DE). **JARCZYK, Alexander** [DE/DE]; Tuchinger Strasse 58 A, 85356 Freising (DE). **KELLER, Roland** [CH/DE]; Humboldstr. 17, 81543 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 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 H04N

(11) **WO 2004/105373** (13) A2

(21) PCT/US2004/010555

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) en (26) en

(30) 10/438,724 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEADREST MOUNTABLE VIDEO SYSTEM

- SYSTEME VIDEO POUVANT ETRE MONTE DANS UN APPUI-TETE

(71) **AUDIOVOX CORPORATION** [US/US]; 150 Marcus Boulevard, Hauppauge, NY 11788 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHEDIVY, George** [US/US]; 349 Peconic Bay Boulevard, Aquebogue, NY 11931 (US).

(74) **MORANO, Michael, F.** et al. / etc.; Chau & Associates, LLC, 1900 Hempstead Turnpike, Suite 501, East Meadow, NY 11554 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/105374** (13) A2

(21) PCT/US2004/011169

(22) **12 Apr/avr 2004 (12.04.2004)**

(25) en (26) en

(30) 10/442,411 **20 May/mai 2003 US (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR DETECTING TIME-COMPRESSED BROADCAST CONTENT

- PROCEDE ET APPAREIL DE DETECTION D'UN CONTENU DE DIFFUSION A COMPRESSION TEMPORELLE

(71) **NIELSEN MEDIA RESEARCH, INC.** [US/US]; 770 Broadway, New York, NY 10003 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WRIGHT, David Howell** [US/US]; 3102 Bishop Drive, Safety Harbor, FL 34695 (US). **PHILIPPE, Marie** [US/US]; 1814 Lexington Place, Tarpon Springs, FL 34688 (US).

(74) **ZIMMERMAN, Mark, C.**; GROSSMAN & FLIGHT, LLC, 20 N. Wacker Drive, Suite 4220, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/105375** (13) A2

(21) PCT/US2004/013984

(22) **5 May/mai 2004 (05.05.2004)**

(25) en (26) en

(30) 10/438,599 **15 May/mai 2003 US (15.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONTROLLING TRANSMISSION OF VIDEO AND AUDIO SIGNALS

- COMMANDE DE TRANSMISSION DE SIGNAUX AUDIO ET VIDEO

(71) **SEGONE, INC.** [US/US]; 210 North University Drive, Suite 208, Coral Springs, FL 33071 (US).

(72) **SCHULTZ, Larry, Eric**; 117 Harper Avenue, Winnipeg, Manitoba R2J 1K4 (CA).

(74) **CORTINA, Jose, A.** et al. / etc.; Daniels Daniels & Verdonik, P.A., Suite 200 Generation Plaza, 1822 N.C. Highway 54 East, Durham, NC 27713 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(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 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)

(t) for all designations / pour toutes les
désignations

(51)⁷ H04N

(11) WO 2004/105376 (13) A2

(21) PCT/US2004/015911

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 10/442,320 20 May/mai 2003 US
(20.05.2003)

(30) 10/442,356 20 May/mai 2003 US
(20.05.2003)

(30) 10/442,555 20 May/mai 2003 US
(20.05.2003)

(30) 10/442,552 20 May/mai 2003 US
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMPROVED IMAGE PROCESSING,
RENDERING, AND CAPTURE SYS-
TEMS AND METHODS

• SYSTEMES ET PROCÉDES DE TRAI-
TEMENT, DE RENDU ET DE CAPTURE
AMÉLIORÉS D'IMAGES

(71) CLAIRVOYANTE, INC. [US/US]; 874
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CA 95472 (US).

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les États désignés sauf US)

(72) BROWN ELLIOTT, Candice, Hellen; 531
York Street, Vallejo, CA 94590 (US). CRE-
DELLE, Thomas, Lloyd; 407 Scotts Bluff
Place, Morgan Hill, CA 95037 (US).

(74) KALER, Stuart, P.; c/o Clairvoyante, Inc.,
874 Gravenstein Hwy S, Suite 14, Sebastopol,
CA 95472 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ H04N

(11) WO 2004/105377 (13) A2

(21) PCT/US2004/015947

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/443,537 22 May/mai 2003 US
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • RF ASIC FOR SUBSCRIBER COMMU-
NICATOR

• CIRCUIT INTEGRE A APPLICATION
SPECIFIQUE (ASIC) RF POUR APPA-
REIL DE TELECOMMUNICATIONS
D'ABONNE

(71) MOBIAPPS, INC. [US/US]; 4245 North
Fairfax Drive, Suite 725, Arlington, VA
22203 (US).

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les États désignés sauf US)

(72, 75) GARMER, William, Richard [US/US];
11175 Birds View Court, San Diego, CA
92126 (US).

(74) PERRY, Glenn, J.; Smith, Gambrell & Rus-
sell, LLP, 1850 M Street, N.W., Suite 800,
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 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 H04N 1/00

(11) WO 2004/105378 (13) A1

(21) PCT/JP2004/006741

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-144072 21 May/mai 2003 JP
(21.05.2003)

(30) 2003-168060 12 Jun/juin 2003 JP
(12.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE POSITION CORRECTION
METHOD, IMAGE POSITION COR-
RECTION JIG, AND IMAGE FORMA-
TION DEVICE

• PROCÉDE ET GABARIT DE CORREC-
TION D'IMAGE, ET DISPOSITIF DE
FORMATION D'IMAGE

(71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaike-cho, Abeno-ku, Osaka-shi,
Osaka, 5458522 (JP).

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(72, 75) SUZUKI, Masakazu [JP/JP]; 43-103,
Cha-machi, Yamatokoriyama-shi, Nara,
6391152 (JP). ETOU, Kouichi [JP/JP];
6-7-45-205, Ayameikeminami, Nara-shi,
Nara, 6310033 (JP). MIYAMOTO,
Kazunori [JP/JP]; 44-1-215, Eiwa-cho,
Kashihara-shi, Nara, 6340046 (JP).
HAYASHI, Motohiro [JP/JP]; 230-8,
Kodono-cho, Nara-shi, Nara, 6308441 (JP).
KONDOH, Yoshikazu [JP/JP]; 1-5, Oichi-
hara-cho, Izumiotsu-shi, Osaka, 5950003
(JP).

(74) KOMORI, Hisao et al. / etc.; 1-4-34, Non-
inbashi, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
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 H04N 1/32

(11) WO 2004/105379 (13) A1

(21) PCT/JP2003/005273

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • BROADCAST FAX TRANSMISSION
SYSTEM

• SYSTEME D'EMISSION DE FAX PAR
DIFFUSION

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).

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les États désignés sauf US)

(72, 75) YAMAMOTO, Kiyoko [JP/JP]; c/o FU-
JITSU KANSAI-CHUBU NET-TECH LIM-
ITED, 2-53, Shiromi 2-chome, Chuo-ku, Os-
aka-shi, Osaka 540-0001 (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 H04N 1/48

(11) WO 2004/105380 (13) A1

(21) PCT/EP2004/005521

(22) 21 May/mai 2004 (21.05.2004)

(25) de (26) de

(30) 103 23 193.5 22 May/mai 2003 DE
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE AND METHOD FOR THE MULTISPECTRAL SCANNING OF A COLOR IMAGE MODEL

• DISPOSITIF ET PROCÉDE D'EXPLORATION MULTISPECTRALE D'UN MOTIF D'IMAGE EN COULEUR

(71) OCE DOCUMENT TECHNOLOGIES GMBH [DE/DE]; Max-Stromeyer-Strasse 116, 78467 Konstanz (DE).

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(72, 75) SCHNITZLEIN, Markus [DE/DE]; Im Pfarrgarten 5, 78315 Radolfzell (DE). DOWE, Dietmar [DE/DE]; Langenrainer Strasse 25, 78476 Allensbach-Freudental (DE).

(74) SCHAUMBURG, Karl-Heinz et al. / etc.; Postfach 86 07 48, 81634 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 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).

Published / Publiée : (c)

(51)⁷ H04N 1/60

(11) WO 2004/105381 (13) A1

(21) PCT/US2004/015308

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/470,732 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONVERSION BETWEEN COLOR GAMUTS ASSOCIATED WITH DIFFERENT IMAGE PROCESSING DEVICE

• CONVERSION ENTRE GAMMES DES COULEURS ASSOCIEE A UN DISPOSITIF DE TRAITEMENT D'IMAGES DIFFERENTES

(71) ZIH CORP. [US/—]; Pearman Building, 3 Gorham Road, 3rd Floor, Hamilton HM 08 (BM).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOBOL, Nathan, H. [US/US]; 260 Alosta Drive, Camarillo, CA 93010 (US).

(74) RANSOM, W., Kevin 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 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).

Published / Publiée : (c)

(51)⁷ H04N 3/32, 3/22

(11) WO 2004/105382 (13) A1

(21) PCT/IB2004/050711

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) PCT/SG03/00130 26 May/mai 2003 SG (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SIGNAL PROCESSING

• TRAITEMENT DE SIGNAUX

(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) GOH, Hock, A. [MY/SG]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WU, Chun, H. [—/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 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).

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 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 H04N 5/232, G03B 15/00, H04N 5/225

(11) WO 2004/105383 (13) A1

(21) PCT/JP2004/006873

(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-142668 20 May/mai 2003 JP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGING SYSTEM

• SYSTEME D'IMAGERIE

(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) SATO, Satoshi AOKI, Katsuji NOBORI, Kunio OZAWA, Jun IMAGAWA, Taro

(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suchiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 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 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 H04N 5/238

(11) WO 2004/105384 (13) A1

(21) PCT/JP2003/006465

(22) 23 May/mai 2003 (23.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGING APPARATUS, INFORMATION PROCESSOR, PORTABLE TERMINAL, IMAGING METHOD, IMAGING PROGRAM

• APPAREIL DE PRISE DE VUE, PROCESSEUR D'INFORMATION, TERMINAL PORTABLE, PROCÉDE ET PROGRAMME DE PRISE DE VUE,

(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) SEKIKAWA, Kenichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ISHIDA, Makoto [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) AKAZAWA, Hideo; Nos. 317 & 318, Sanno Urban Life, 1-8, Sanno 2-chome, Ota-ku, Tokyo 143-0023 (JP).

(81) JP US.

(51)⁷ H04N 5/44

(11) WO 2004/105385 (13) A1

(21) PCT/CN2004/000190

(22) 9 Mar/mar 2004 (09.03.2004)

(25) zh (26) zh
(30) 03125105.6 9 May/mai 2003 CN
(09.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A MULTIMEDIA APPARATUS FOR NETWORK CONNECTION AND MASS STORAGE

• APPAREIL MULTIMEDIA POUR CONNEXION RESEAU ET MEMOIRE AUXILIAIRE

(71) NETAC TECHNOLOGY CO., LTD. [CN/CN]; 6F, Incubator Building China Academy of Science & Tech Development, No. 1 High-Tech South St., Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENG, Guoshun [CN/CN]; 6F, Incubator Building China Academy of Science & Tech Development, No. 1 High-Tech South St., Shenzhen, Guangdong 518057 (CN). CHENG, Xiaohua [CN/CN]; 6F, Incubator Building China Academy of Science & Tech Development, No. 1 High-Tech South St., Shenzhen, Guangdong 518057 (CN). XIANG, Feng [CN/CN]; 6F, Incubator Building China Academy of Science & Tech Development, No. 1 High-Tech South St., Shenzhen, Guangdong 518057 (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 H04N 5/44

(11) WO 2004/105386 (13) A1

(21) PCT/JP2004/005438

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-113363 17 Apr/avr 2003 JP
(17.04.2003)

(30) 2004-118357 13 Apr/avr 2004 JP
(13.04.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPLAY DEVICE, CENTER DEVICE, VIDEO DISPLAY SYSTEM, DISPLAY DEVICE CONTROL METHOD, CENTER DEVICE CONTROL METHOD, DISPLAY DEVICE CONTROL PROGRAM, CENTER DEVICE CONTROL PROGRAM, AND RECORDING MEDIUM CONTAINING THE PROGRAM

• DISPOSITIF D'AFFICHAGE, DISPOSITIF CENTRAL, SYSTEME

D'AFFICHAGE VIDEO, PROCEDE DE COMMANDE DE DISPOSITIF D'AFFICHAGE, PROCEDE DE COMMANDE DE DISPOSITIF CENTRAL, PROGRAMME DE COMMANDE DE DISPOSITIF D'AFFICHAGE, PROGRAMME DE COMMANDE DE DISPOSITIF CENTRAL, ET SUPPORT D'ENREGISTREMENT CONTENANT LE PROGRAMME

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku Osaka-shi Osaka, 5458522 (JP).

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(72, 75) TOKIMOTO, Toyoshi

(74) HARA, Kenzo et al. / etc.; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimori-machi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku Osaka-shi O, saka (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 5/44

(11) WO 2004/105387 (13) A1

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(22) 14 May/mai 2004 (14.05.2004)

(25) ja (26) ja

(30) 2003-145399 22 May/mai 2003 JP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FUNCTION MODULE CARD, HOST DEVICE, AND CONTROL METHOD THEREOF

• CARTE DE MODULE DE FONCTION, DISPOSITIF HOTE, ET METHODE DE CONTROLE ASSOCIEE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

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(72, 75) NAKAMURA, SeijiKATO, IsaoADACHI, TatsuyaIWATA, Kazuya

(74) OHIRA, Satoru et al. / etc.; HIGASHIMA PATENT OFFICE Daiko Building, 2-14, Umeda 3-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 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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(25) ja (26) ja

(30) 2003-143595 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGEPROCESSING DEVICE AND IMAGE PROCESSING METHOD

• DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

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(72, 75) MIYAZAKI, Shinichiro [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 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 H04N 5/74, G06F 3/14

(11) WO 2004/105389 (13) A1

(21) PCT/IN2003/000268

(22) 11 Aug/août 2003 (11.08.2003)

(25) en (26) en

(30) 527/MUM/2003 23 May/mai 2003 IN
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PORTABLE PROJECTION DEVICE

• APPAREIL PORTABLE DE PROJECTION

(71) IL & FS EDUCATION & TECHNOLOGY SERVICES LTD. [IN/IN]; ILFS House, D Quadrant, 3rd Floor, Bandra Kurla Complex, Bandra (East), Mumbai 400 051, Maharashtra (IN).

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(72, 75) **TRIVEDI, Kumar, Kirti** [IN/IN]; A3 Professors Bungalow, Indian Institute of Technology - Bombay, Poway, Mumbai 400 076, Maharashtra (IN).

(74) **SAURASTRI, Manish et al.** / etc.; Krishna & Saurastri, 74/F, Venus, Worli Sea Face, Mumbai 400 018, Maharashtra (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 PG PH PL PT RO RU SC 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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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H04N 5/74

(11) **WO 2004/105390** (13) A2

(21) PCT/US2004/011275

(22) **13 Apr/avr 2004 (13.04.2004)**

(25) en (26) en

(30) 10/439,449 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HIGHLY EFFICIENT SINGLE PANEL AND TWO PANEL PROJECTION ENGINES

• MOTEURS DE PROJECTION A UN SEUL PANNEAU ET A DEUX PANNEAUX HAUTEMENT EFFICACES

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

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(72) **MA, Jiaying**; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **BRUZ-ZONE, Charles L.**; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **AASTUEN, David J. W.**; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) **BLACK, Bruce E., et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI 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 7/015

(11) **WO 2004/105391** (13) A1

(21) PCT/KR2003/002858

(22) **27 Dec/déc 2003 (27.12.2003)**

(25) en (26) en

(30) 10-2003-0032007 **20 May/mai 2003 KR (20.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ON-CHANNEL REPEATING APPARATUS AND METHOD FOR TERRESTRIAL DIGITAL TELEVISION BROADCASTING SERVICE

• APPAREIL DE REPETITION SUR CANAL ET PROCEDE DE DIFFUSION PAR TELEVISION NUMERIQUE TERRESTRE

(71) **ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE** [KR/KR]; 161, Gajeong-Dong, Yuseong-Gu, 305-350 Daejeon (KR).

(72) **PARK, Sung-Ik**; 146-14, Sinseong-Dong, Yuseong-Gu, 305-804 Daejeon (KR). **LEE, Yong-Tae**; #203-1307 Mokryun Apt., Dunsan 1-Dong, Seo-Gu, 302-771 Daejeon (KR). **KIM, Seung-Won**; #109-1804 Narae Apt., Jeonmin-Dong, Yuseong-Gu, 305-729 Daejeon (KR). **LEE, Soo-In**; #401-701 Sunbi Maoul Apt., Songchon-Dong, Daedeok-gu, 306-040 Daejeon (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 H04N 7/025

(11) **WO 2004/105392** (13) A1

(21) PCT/EP2004/050851

(22) **19 May/mai 2004 (19.05.2004)**

(25) fr (26) fr

(30) 0306006 **20 May/mai 2003 FR (20.05.2003)**

(30) 0450005 **5 Jan/jan 2004 FR (05.01.2004)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR NAVIGATION IN A LIST OF ELEMENTS AND AUDIOVISUAL RECEIVER FOR THE SELECTION OF ELEMENTS IN A LIST

• PROCEDE DE NAVIGATION PARMI UNE LISTE D'ELEMENTS, ET RECEPTEUR AUDIOVISUEL POUR LA SELECTION D'ELEMENTS DANS UNE LISTE

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne (FR).

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(72, 75) **QUERRE, Goulven** [FR/FR]; 13, rue de la Croix des Forges, F-35530 Noyal sur Vilaine (FR). **MINGOT, Jacques** [FR/FR]; 1 La Gallarderie, F-78590 Noisy le Roi (FR). **MARCE, Nicolas** [FR/FR]; 10 square de la Prestimonie, F-35170 Bruz (FR). **GOISET, François** [FR/FR]; 14 rue Pablo Picasso, F-35150 Janzé (FR). **GAUTHIER, René** [FR/FR]; 4 rue des Genêts, F-56640 Arzon (FR). **PATRY, Nadine** [FR/FR]; 3 Square Alain Fergent, F-35000 Rennes (FR). **RENAULT, William** [FR/FR]; 8, rue de Belle-Epine, F-35510 Cesson-Sevigne (FR).

(74) **BENEZETH, Philippe**; Thomson, European Patent Operations, 46, quai Alphonse Le Gallo, F-92648 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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
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(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 10/441,334 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHODS AND APPARATUS FOR IMPROVING VIDEO QUALITY IN STATISTICAL MULTIPLEXING.

• PROCEDES ET APPAREIL POUR AMELIORER LA QUALITE VIDEO DANS LE MULTIPLEXAGE STATISTIQUE

(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) WU, Siu-Wai [US/US]; 12655 Fairbrook Road, San Diego, CA 92131 (US). HE, Yong [CN/US]; 10688 Tipperary Way, San Diego, CA 92131 (US).

(74) SILVERIO, John, V.; General Instrument Corporation, 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 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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(25) en (26) en

(30) 20032342 23 May/mai 2003 NO
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR MANAGING VARIATIONS IN A DATA FLOW RATE

• PROCEDE POUR GERER DES VARIATIONS DE DEBIT DE DONNEES

(71) TANDBERG TELECOM AS [NO/NO]; Philip Pedersens vei 22, N-1366 Lysaker (NO).

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(72, 75) KARLSEN, Per, Arne [NO/NO]; Flisveien 1, N-1414 Trollåsen (NO).

KALGRAF, Olav, Luraas [NO/NO]; Grefsenkollveien 12C, N-0490 Oslo (NO).

(74) OSLO PATENTKONTOR AS; P.O. Box 7007 M, 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 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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(21) PCT/ES2003/000241

(22) 22 May/mai 2003 (22.05.2003)

(25) es (26) es

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • IMAGE-ACQUISITION MODULE COMPRISING A HEATING DEVICE, WHICH IS USED TO MONITOR THE EXTERIOR OF A MOTOR VEHICLE

• UNITE D'ACQUISITION D'IMAGE A DISPOSITIF CHAUFFANT POUR SURVEILLANCE DE L'EXTERIEUR D'UNE AUTOMOBILE

(71) FICO MIRRORS, SA [ES/ES]; Gran Via Carles III, 98, E-08028 Barcelona (ES).

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(72, 75) HERNANDO FERNANDEZ, Francesc, Xavier [ES/ES]; 198, Passeig 22 de Juliol, E-08221 Terrassa (ES).

(74) TORNER LASALLE, Elisabet (823/0); Torner, Juncosa I Associats, S.L., Agencia de la Propietat Industrial, Bruc, 21, 1a, 3a, E-08010 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/18

(11) WO 2004/105396 (13) A1

(21) PCT/IL2004/000401

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 156124 26 May/mai 2003 IL
(26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR IDENTIFYING BAD PIXEL AGAINST A NON-UNIFORM LANDSCAPE

• PROCEDE D'IDENTIFICATION DE MAUVAIS PIXELS CONTRE UN PAYSAGE NON UNIFORME

(71) RAFAEL - ARMAMENT DEVELOPMENT AUTHORITY LTD. [IL/IL]; P.O.Box 2250, 31021 Haifa (IL).

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(72, 75) TIBI, Dov [IL/IL]; 13 Masada St., 23800 Givat Ela (IL). ZUR, Amikam [IL/IL]; Harotem 21, 28233 Kiryat Ata (IL).

(74) FRIEDMAN, Mark M.; 7 Haomanim Street, 67897 Tel Aviv (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 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 H04N 7/24

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(25) en (26) en

(30) 2003-144189 21 May/mai 2003 JP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • VIDEO PROCESSING APPARATUS AND COMMUNICATION METHOD OF VIDEO PROCESSING APPARATUS

• DISPOSITIF DE TRAITEMENT VIDEO ET PROCEDE DE COMMUNICATION DE DISPOSITIF DE TRAITEMENT VIDEO

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

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(72, 75) NIIDA, Mitsuo [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). OSHIMA, Hajime [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) OHTSUKA, Yasunori; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo 1020094 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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).

Published / Publiée : (c)

(51)⁷ H04N 7/30, H03M 7/46

(11) WO 2004/105398 (13) A1

(21) PCT/US2004/006485

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/439,536 16 May/mai 2003 US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COMBINED RUNLENGTH CODING
AND VARIABLE LENGTH CODING
FOR VIDEO COMPRESSION

- CODAGE DE LONGUEUR DE PLAGE
ET CODAGE DE LONGUEUR VA-
RIABLE COMBINES POUR LA COM-
PRESSION VIDEO

(71) CISCO TECHNOLOGY, INC. [US/US];
Mail Stop SJC 10/2/1, 170 W. Tasman Drive,
San Jose, CA 95134 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHEN, Wen-hsiung [US/US]; 668 In-
verness Way, Sunnyvale, CA 94087 (US).
WU, Fang [US/US]; 1452 Maxwell Way, San
Jose, CA 95131 (US). PELTON, Gregory,
D. [CA/US]; 109 Tibury Court, Raleigh, NC
27615 (US).

(74) ROSENFELD, Dov; Inventek, 5507 College
Avenue, Suite 2, Oakland, CA 94618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 7/50, 7/30, 7/26

(11) WO 2004/105399 (13) A1

(21) PCT/NO2004/000121

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 20032319 22 May/mai 2003 NO
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR
VIDEO COMPRESSION

- PROCEDE ET DISPOSITIF DE COM-
PRESSION VIDEO

(71) TANDBERG TELECOM AS [NO/NO];
Philip Pedersens vei 22, N-1366 Lysaker
(NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOHANSEN, Tom-Ivar [NO/NO]; Eck-
ersbergs gt 35, N-0266 Oslo (NO). BJØNTE-
GAARD, Gisle [NO/NO]; Haukeliveien 12b,
N-1415 Oppegård (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 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).

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 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 H04N 9/28

(11) WO 2004/105400 (13) A1

(21) PCT/JP2003/006414

(22) 22 May/mai 2003 (22.05.2003)

(25) ja (26) ja

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INSTRUMENT FOR MEASURING
CONVERGENCE OF COLOR CATH-
ODE-RAY TUBE

- INSTRUMENT PERMETTANT DE ME-
Surer LA CONVERGENCE D'UN
TUBE CATHODIQUE COULEUR

(71) SEFT DEVELOPMENT LABORATORY
CO., LTD. [JP/JP]; 19-6, Shikatebukuro
6-chome, Minami-ku Saitama-shi, Saitama
336-0031 (JP).

(72) ICHIGAYA, Hiroshi; c/o SEFT DEVEL-
OPMENT LABORATORY CO., LTD.,
19-6, Shikatebukuro 6-chome, Minami-ku
Saitama-shi, Saitama 336-0031 (JP).

(74) HANDA, Masao; 4F Sanei Bldg., 3-8, Wada
2-chome, Suginami-ku, Tokyo 166-0012 (JP).

(81) CN IN KR.

(51)⁷ H04N 9/31, G02B 27/00, H04N 5/74,
G03B 21/14

(11) WO 2004/105401 (13) A1

(21) PCT/IB2004/050686

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en

(30) 03101441.8 21 May/mai 2003 EP
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DISPLAY DEVICE WITH IMPROVED
BRIGHTNESS LEVEL HOMOGENI-
ETY

- DISPOSITIF D'AFFICHAGE PRESEN-
TANT UNE HOMOGENEITE AMELIO-
REE DU DEGRE DE LUMINANCE

(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) DE VAAN, Adrianus, J., S., M.
[NL/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 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).

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 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 H04N 9/69

(11) WO 2004/105402 (13) A1

(21) PCT/EP2004/050837

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03291240.4 23 May/mai 2003 EP
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR IN-
TERPOLATING DATA IN THE VIDEO
PICTURE FIELD

- PROCEDE ET APPAREIL D'INTERPOLATION DE DONNEES DANS LE CHAMP D'IMAGE VIDEO

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46 Quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEITBRUCH, Sebastien** [FR/DE]; Chabeuilstrasse 17, 78087 Monchweiler (DE). **THEBAULT, Cedric** [FR/DE]; Oberstrasse 8, 78050 Villingen (DE). **CORREA, Carlos** [PT/DE]; Lichtenberger Weg 4, 78056 Villingen-Schwenningen (DE).

(74) **RUELLAN-LEMONNIER, Brigitte**; Thomson, 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 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).

Published / Publiée : (c)

(51)⁷ H04N 13/00

(11) **WO 2004/105403** (13) A1

(21) PCT/EP2004/005509

(22) **21 May/mai 2004 (21.05.2004)**

(25) de (26) de

(30) 103 23 462.4 **23 May/mai 2003 DE (23.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND DEVICE FOR THREE-Dimensionally DEPICTING IMAGES

- PROCEDE ET DISPOSITIF DE REPRESENTATION TRIDIMENSIONNELLE D'IMAGES

(71, 72) **BOLL, Peter** [DE/DE]; Trifhofstrasse 16a, 82362 Weilheim (DE).

(74) **REITSTÖTTER KINZEBACH & PARTNER (GbR)**; Sternwartstrasse 4, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H04Q

(11) **WO 2004/105404** (13) A2

(21) PCT/US2004/013301

(22) **14 May/mai 2004 (14.05.2004)**

(25) en (26) en

(30) 10/437,393 **14 May/mai 2003 US (14.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SOFT PACKET DROPPING DURING DIGITAL AUDIO PACKET-SWITCHED COMMUNICATIONS

- ABANDON DE PAQUETS SOUPLE AU COURS DE COMMUNICATIONS AUDIO NUMERIQUES A COMMUTATION PAR PAQUETS

(71) **SBC KNOWLEDGE VENTURES, L.P.** [US/US]; 645 E. Plumb Lane, Reno, NV 89502 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEARSON, Gary, Whiten** [US/US]; 1303 Shady Grove, Cedar Park, TX 78613 (US).

(74) **BERNSTEIN, Bruce, H. et al.** / etc.; Greenblum & Bernstein, P.L.C., 1950 Roland Clarke Place, Reston, VA 20191 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H04Q

(11) **WO 2004/105405** (13) A2

(21) PCT/US2004/015434

(22) **17 May/mai 2004 (17.05.2004)**

(25) en (26) en

(30) 60/471,016 **16 May/mai 2003 US (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MOBILE MESSAGING SHORT CODE TRANSLATION AND ROUTING SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE TRANSLATION ET D'ACHEMINEMENT D'UN CODE COURT DE MESSAGERIE MOBILE

(71) **M-QUBE, INC.** [US/US]; The Prudential Tower, 800 Boylston Street-Suite 1400, Boston, MA 02199 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **HEWES, Gerald**; 43 Follen Road, Lexington, MA 02421 (US). **PIRIE, Michael**; 6733

218th Avenue NE, Redmond, WA 98053 (US). **SNYDER, Randall**; 1082 Camio Drive, Campbell, CA 95008 (US). **HWANG, Boon**; 22215 NE 85th Street, Redmond, WA 98053 (CA).

(74) **SAMUEL, Richard, I et al.** / etc.; Goodwin Procter LLP, 103 Eisenhower Parkway, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H04Q

(11) **WO 2004/105406** (13) A2

(21) PCT/US2004/016098

(22) **21 May/mai 2004 (21.05.2004)**

(25) en (26) en

(30) 60/472,200 **21 May/mai 2003 US (21.05.2003)**

(30) 60/482,640 **26 Jun/juin 2003 US (26.06.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR USING BROADCAST CHANNEL FREQUENCIES TO PROVIDE DATA SERVICES OVER AN EXISTING CATV SYSTEM

- PROCEDE ET SYSTEME D'UTILISATION DE FREQUENCES DE CANAL DE DIFFUSION POUR LA FOURNITURE DE SERVICES DE DONNEES VIA UN SYSTEME DE TELEDISTRIBUTION

(71) **ARRIS INTERNATIONAL, INC.** [US/US]; 3871 Lakefield Drive, Suwanee, GA 30024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **BUGAJSKI, Mark**; Norcross, GA (US). **ISAACS, Bryant**; Alpharetta, GA (US). **HAVERKATE, Mark**; Larkspur, CO (US). **HAVERKATE, David**; Larkspur, CO (US). **GILLFILLAN, Dana**; Alpharetta, GA (US). **BIONE, Angelo**; Lawrenceville, GA (US).

(74) **DOUGHTY, John**; Arris International, Inc., 3871 Lakefield Drive, Suwanee, GA 30024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 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 H04Q 7/20

(11) WO 2004/105407 (13) A1

(21) PCT/US2003/018364

(22) 12 Jun/juin 2003 (12.06.2003)

(25) en (26) en

(30) 10/434,701 12 May/mai 2003 US (12.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • GPS MICROPHONE FOR COMMUNICATION SYSTEM

• MICROPHONE GPS POUR SYSTEME DE COMMUNICATION

(71, 72) LIOU, Henry [US/US]; Suite E, 480 Apollo Street, Brea, CA 92821 (US).

(74) CHAN, Raymond, Y.; David and Raymond Patent Group, 108 N. Ynez Ave., Suite 128, Monterey Park, CA 91754 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/20

(11) WO 2004/105408 (13) A1

(21) PCT/US2004/013267

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/438,402 15 May/mai 2003 US (15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR IMPROVING THE RELIABILITY OF LOW LATENCY HAND-OFFS

• PROCEDE POUR AMELIORER LA FIABILITE DES TRANSFERTS DE COMMUNICATION A FAIBLE LATENCE

(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) NARAYANAN, Vidya, [IN/US]; 2845 Fremont Court, Schaumburg, IL 60193 (US). POPOVICH, George, [US/US]; 347 S. Kensington Court, Palatin, IL 60067 (US).

(74) SALADI, Indira, 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 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 H04Q 7/20

(11) WO 2004/105409 (13) A1

(21) PCT/US2004/015055

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 10/440,761 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND APPARATUS FOR CHANNEL SHARING BETWEEN MULTIPLE COMMUNICATION SYSTEMS

• PROCEDE ET APPAREIL D'UTILISATION EN PARTAGE DE VOIES PAR DE MULTIPLES SYSTEMES DE COMMUNICATION

(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) BONTA, Jeffrey, D. [US/US]; 1300 E. Mayfair, Arlington Heights, IL 60004 (US). D'AMICO, Thomas, V. [US/US]; 54 East Claire Court, Palatine, IL 60067 (US). CALCEV, George [RO/US]; 905 Concord Lane, Hoffman Estates, IL 60195 (US).

(74) JACOBS, Jeffrey, K. 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 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).

Published / Publiée : (c)

(51)⁷ H04Q 7/20

(11) WO 2004/105410 (13) A1

(21) PCT/US2004/015180

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,159 16 May/mai 2003 US (16.05.2003)

(30) 60/475,585 4 Jun/juin 2003 US (04.06.2003)

(30) 10/730,671 8 Dec/déc 2003 US (08.12.2003)

(30) 10/731,760 9 Dec/déc 2003 US (09.12.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • COORDINATION OF BACKHAUL BEAM FORMING IN WIRELESS COMMUNICATION SYSTEMS

• COORDINATION DE LA MISE EN FORME D'UN FAISCEAU DE LIAISON TERRESTRE DANS DES SYSTEMES DE COMMUNICATION SANS FIL

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLDBERG, Steven, Jeffrey [US/US]; 1017 Chiswell Drive, Downingtown, PA 19335 (US). CHOTKOWSKI, Kimberly [US/US]; 322 Twin Pond Drive, West Chester, PA 19382-1942 (US).

(74) BALLARINI, Robert, J.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04Q 7/20

(11) WO 2004/105411 (13) A1

(21) PCT/US2004/015729

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 60/471,001 16 May/mai 2003 US (16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD FOR DETERMINING AND DELIVERING APPROPRIATE MULTIMEDIA CONTENT TO DATA COMMUNICATION DEVICES

• SYSTEME ET PROCEDE DESTINES A DETERMINER ET DISTRIBUER UN CONTENU MULTIMEDIA APPROPRIE A DES DISPOSITIFS DE COMMUNICATION DE DONNEES

(71) M-QUBE, INC. [US/US]; The Prudential Tower, 800 Boylston Street, Suite 1400, Boston, MA 02199 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HEWES, Gerald; 43 Follen Road, Lexington, MA 02421 (US). PRIYADARSHA,

Eswar; 39 Cricket Lane, West Roxbury, MA (US). HWANG, Boon; 22215 NE 85th Street, Redmond, WA (US). SNYDER, Randall, A.; 1082 Camio Drive, Campbell, CA 95008 (US).

(74) SAMUEL, Richard, I. et al. / etc.; Goodwin Procter LLP, 103 Eisenhower Parkway, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ H04Q 7/24

(11) WO 2004/105412 (13) A1

(21) PCT/IB2004/001501

(22) 11 May/mai 2004 (11.05.2004)

(25) en (26) en

(30) 03011663.6 22 May/mai 2003 EP (22.05.2003)

(30) 10/646,779 25 Aug/août 2003 US (25.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR CHOOSING A NETWORK ELEMENT OF A MOBILE TELECOMMUNICATION NETWORK AND CORRESPONDING NETWORK

• PROCEDE PERMETTANT DE CHOISIR UN ELEMENT RESEAU D'UN RESEAU DE TELECOMMUNICATIONS MOBILES ET SON RESEAU CORRESPONDANT

(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) SANCHEZ, Raquel [ES/ES]; Calle Kandinsky 14 b1 5° B, E-29010 Malaga (ES).

(74) UNGERER, Olaf; Eisenführ, Speiser & Partner, Arnulfstr.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 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).

Published / Publiée : (c)

(51)⁷ H04Q 7/28, 7/22

(11) WO 2004/105413 (13) A1

(21) PCT/EP2004/005410

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 03011407.8 20 May/mai 2003 EP (20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD AND SYSTEM FOR IMPLEMENTING A PUSH-TO-TALK SERVICE IN A MOBILE RADION COMMUNICATION NETWORK OF THE GSM-TYPE

• PROCEDE ET SYSTEME DE MISE EN OEUVRE D'UN SERVICE UTILISANT DES POUSSOIRS DE CONVERSATION DANS UN RESEAU DE COMMUNICATION RADIO MOBILE DU TYPE GSM

(71) T-MOBILE DEUTSCHLAND GMBH [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRITSCH, Matthias [DE/DE]; Steinweg 4a, 53639 Königswinter (DE).

(74) RIEBLING, Peter; Postfach 31 60, 88113 Lindau/B. (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 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 H04Q 7/28

(11) WO 2004/105414 (13) A1

(21) PCT/US2004/013748

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/431,818 8 May/mai 2003 US (08.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • REDUCED LATENCY IN HALF-DUPLEX WIRELESS COMMUNICATIONS

• TEMPS D'ATTENTE REDUIT DANS DES COMMUNICATIONS SANS FIL SEMI-DUPLEX

(71) STARENT NETWORKS CORPORATION [US/US]; 30 International Place, 3rd Floor, Tewksbury, MA 01876 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAHOD, Ashraf, M. [US/US]; 22 Carter Lane, Andover, MA 01810 (US). SILVA, Michael [US/US]; 6 Fairfield Drive, East Sandwich, MA 02537 (US).

(74) WALPERT, Gary, A. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04Q 7/32

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(21) PCT/FR2004/001160

(22) 12 May/mai 2004 (12.05.2004)

(25) fr (26) fr

(30) 10/440,234 19 May/mai 2003 US (19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • WIRELESS SYSTEM WITH A MULTIMODE USER INTERFACE DYNAMICALLY CONFIGURABLE WITH USER PREFERENCES

• SYSTEME SANS FIL AYANT UNE INTERFACE UTILISATEUR MULTIMODALE CONFIGUREE DYNAMIQUEMENT SUR DES PREFERENCES UTILISATEURS

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72) PATEL, Ashish, Roajibhai; 364 West Olive Avenue, Sunnyvale, CA 94086 (US).

(74) DIOU, Jean-Marc et al. / etc.; 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04Q 7/32

(11) WO 2004/105416 (13) A1

(21) PCT/IB2004/001551

(22) 13 May/mai 2004 (13.05.2004)

(25) en (26) en
(30) 10/445,312 **23 May/mai 2003** US
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHANGING SETTINGS OF A MOBILE TERMINAL

• CHANGEMENT DES PARAMETRES D'UN TERMINAL MOBILE

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KORKALO, Tapio** [FI/FI]; Lohdenvuorentie 16, FIN-34130 Ylinen (FI).
VILPPULA, Matti [FI/FI]; Koivutie 16 B 6, FIN-33960 Pirkkala (FI).
KARJAN-MAA, Rami [FI/FI]; Amurinkatu 14 B 11, FIN-33230 Tampere (FI).

(74) **COHAUSZ & FLORACK (24)**; 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 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 **H04Q 7/32, H04B 1/16, 7/005, H04Q 7/18**

(11) **WO 2004/105417** (13) A1

(21) PCT/IB2004/000036

(22) **5 Jan/jan 2004 (05.01.2004)**

(25) en (26) en

(30) 10/249,942 **21 May/mai 2003** US
(21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYSTEM AND METHOD OF IMPROVING TALK-TIME AT THE END OF BATTERY LIFE

• SYSTEME ET PROCEDE POUR PROLONGER LE TEMPS DE CONVERSATION A LA FIN DE LA DUREE DE VIE D'UNE BATTERIE

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, Phillip, Marc** [US/US] **ANDERSON, William** [US/US]

(74) **STEPHENS, Gregory, A.,; Moore & Van Allen PLLC**, 2200 West Main Street, Suite 800, Durham, NC 27705 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **H04Q 7/36**

(11) **WO 2004/105418** (13) A1

(21) PCT/JP2004/005927

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-142627 **20 May/mai 2003** JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INTER-NODE SYNCHRONIZATION METHOD IN RADIO NETWORK SYSTEM, RADIO CONTROL SERVER, AND RADIO BEARER SERVER

• PROCEDE DE SYNCHRONISATION ENTRENOEUD DANS UN SYSTEME DE RESEAU RADIOPHONIQUE, SERVEUR DE COMMANDE RADIO, ET SERVEUR A PORTEUSE RADIO

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).

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(72, 75) **OKUBO, Akira** [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).

(51)⁷ **H04Q 7/36**

(11) **WO 2004/105419** (13) A1

(21) PCT/SE2004/000809

(22) **24 May/mai 2004 (24.05.2004)**

(25) en (26) en

(30) 0301532-8 **23 May/mai 2003** SE
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • A METHOD AND AN APPARATUS FOR CELL PLANNING

• PROCEDE ET DISPOSITIF SERVANT A PLANIFIER DES CELLULES

(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) **LIDBRINK, Stefan** [SE/SE]; Hägerstensvägen 103, S-126 49 HÄGERSTEN (SE).

(74) **MAGNUSSON, Monica**; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)
(t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ **H04Q 7/36, H04L 12/28**

(11) **WO 2004/105420** (13) A1

(21) PCT/US2004/014632

(22) **10 May/mai 2004 (10.05.2004)**

(25) en (26) en

(30) 10/439,875 **16 May/mai 2003** US
(16.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • METHOD AND APPARATUF FOR LOAD SHARING IN WIRELESS ACCESS NETWORKS BASED ON DYNAMIC TRANSMISSION POWER ADJUSTMENT OF ACCESS POINTS
- PROCEDE ET APPAREIL DE PARTAGE DE CHARGE DANS DES RESEAUX D'ACCES SANS FIL REPOSANT SUR UN AJUSTEMENT DE PUISSANCE DE TRANSMISSION DYNAMIQUE DE POINTS D'ACCES

(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) MISRA, Archan [IN/US]; 81 South Buckhout Street, Irvington, NY 10533 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ H04Q 7/38

(11) WO 2004/105421 (13) A2

(21) PCT/IB2004/001616

(22) 18 May/mai 2004 (18.05.2004)

(25) en (26) en

(30) 03291219.8 **22 May/mai 2003** EP
(22.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • REMOTE SIM CARD REPLACEMENT AND ACTIVATION PROCESS

• PROCEDE DE REMPLACEMENT ET D'ACTIVATION A DISTANCE D'UNE CARTE SIM

(71) AXALTO SA [FR/FR]; 50, avenue Jean Jaurès, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHENG, Diana [CN/FR]; c/o Schlumberger Systèmes, Intellectual Property Department, 50 avenue Jean Jaurès, F-92120 Montrouge (FR). WAI, Michael [CN/FR]; c/o Schlumberger Systèmes, Intellectual Property Department, 50 avenue Jean Jaurès, F-92120 Montrouge (FR).

(74) AXALTO SA; c/o Vincent Yquel, Intellectual Property Department, 50 avenue Jean Jaurès, F-92120 Montrouge (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 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 H04Q 7/38

(11) WO 2004/105422 (13) A1

(21) PCT/IB2004/001656

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,291 **21 May/mai 2003** US
(21.05.2003)

(30) 10/626,677 **24 Jul/juil 2003** US
(24.07.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • INTEGRATED WIRELINE AND WIRELESS SERVICE USING A COMMON DIRECTORY NUMBER

• SERVICE INTEGRE A LIGNE FIXE ET SANS FIL UTILISANT UN NUMERO DE REPERTOIRE COMMUN

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72) SYLVAIN, Dany; 6 rue de Bandol, Gatineau, Quebec J8T 6A6 (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 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 H04Q 7/38, H04L 12/28

(11) WO 2004/105423 (13) A2

(21) PCT/IB2004/001668

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,152 **21 May/mai 2003** US
(21.05.2003)

(30) 10/784,743 **23 Feb/fév 2004** US
(23.02.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CALL TRANSFER FOR AN INTEGRATED WIRELINE AND WIRELESS SERVICE

• TRANSFERT D'APPELS POUR UN SERVICE SANS FIL ET FILAIRE INTEGRE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72) SYLVAIN, Dany; 6 rue de Bandol, Gatineau, Quebec J8T 6A6 (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 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 H04Q 7/38

(11) WO 2004/105424 (13) A2

(21) PCT/IB2004/001672

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,277 **21 May/mai 2003** US
(21.05.2003)

(30) 10/693,539 **24 Oct/oct 2003** US
(24.10.2003)

(30) 10/693,540 **24 Oct/oct 2003** US
(24.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

- (54) • CALL TRANSFER FOR AN INTEGRATED WIRELINE AND WIRELESS SERVICE USING A TEMPORARY DIRECTORY NUMBER

• TRANSFERT D'APPELS POUR SERVICE INTEGRE A LIGNE FIXE ET SANS FIL UTILISANT UN NUMERO DE REPERTOIRE TEMPORAIRE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72) SYLVAIN, Dany; 6 rue de Bandol, Gatineau, Quebec J8T 6A6 (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 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 H04Q 7/38, H04L 12/56

(11) WO 2004/105425 (13) A1

(21) PCT/US2004/015206

(22) 14 May/mai 2004 (14.05.2004)

(25) en (26) en

(30) 60/471,144 16 May/mai 2003 US (16.05.2003)

(30) 10/681,883 8 Oct/oct 2003 US (08.10.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • LINK LATENCY DETERMINATION FOR MOBILE IP RE-REGISTRATION

• DETERMINATION DU TEMPS D'ATTENTE DE LIAISON POUR LE REENREGISTREMENT DANS UN RESEAU IP MOBILE

(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) DYCK, Jeffrey [CA/US]; 4816 Mt Harris Drive, San Diego, CA 92117 (US). MANDAYAM, Jayanth [IN/US]; 3425 Lebon Drive, # 528, San Diego, CA 92122 (US).

(74) WADSWORTH, Philip R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

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 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 H04Q 7/38

(11) WO 2004/105426 (13) A1

(21) PCT/US2004/016052

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/442,526 21 May/mai 2003 US (21.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • USER FRAUD DETECTION IN A COMMUNICATION NETWORK

• DETECTION DE FRAUDE D'UTILISATEURS ET BLOCAGE D'ACCES A UN SYSTEME DE COMMUNICATION A RESEAU REPARTI

(71) WAYPORT, INC. [US/US]; 8303 North MoPac Expressway, Suite A-300, Austin, TX 78759 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FINK, Ian, M. [US/US]; 4815 West Braker Lane, Suite 502-103, Austin, TX 78759 (US). KEELER, James, D. [US/US]; 12701 Shemya Cove, Austin, TX 78729 (US).

(74) HOOD, Jeffrey, C.; Meyertons, Hood, Kivlin, Kowert & Goetzl, P.C., P.O. Box 398, Austin, TX 78767-398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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).

Published / Publiée : (c)

(51)⁷ H04R 17/02 // 7/04

(11) WO 2004/105427 (13) A1

(21) PCT/SE2004/000782

(22) 21 May/mai 2004 (21.05.2004)

(25) sv (26) en

(30) 0301541-9 23 May/mai 2003 SE (23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PIEZOELECTRIC MICROPHONE

• TRANSDUCTEUR ELECTRO-ACOUSTIQUE

(71, 72) EHRLUND, Göran [SE/SE]; Gruvberget 6, S-783 93 Stora Skedvi (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H04R 19/04

(11) WO 2004/105428 (13) A1

(21) PCT/SG2004/000152

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 200302854-5 26 May/mai 2003 SG (26.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • FABRICATION OF SILICON MICROPHONES

• FABRICATION DE MICROPHONES EN SILICIUM

(71) SENSFAB PTE LTD [SG/SG]; 85 Science Park Drive, #01-01 The Cavendish, Singapore 118259 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOK, Kitt-Wai [SG/SG]; Block 168, Stirling Road, #08-1177, Singapore 141168 (SG). ONG, Kok, Meng [MY/SG]; Block 17, Teck Whye Lane, #12-157, Singapore 680017 (SG). SOORIAKUMAR, Kathirgamasundaram [US/SG]; 40 Ashwood Grove, Singapore 738349 (SG). PATMON, Bryan, Keith [US/SG]; 40 Ashwood Grove, Singapore 738349 (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 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 H04R 25/00

(11) WO 2004/105429 (13) A1

(21) PCT/AU2004/000701

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902588 26 May/mai 2003 AU
(26.05.2003)(30) 10/445,462 27 May/mai 2003 US
(27.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OSCILLATION DETECTION

• DETECTION D'OSCILLATION

(71) DYNAMIC HEARING PTY LTD
[AU/AU]; 2 Chapel Street, Richmond, VIC
3121 (AU).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PETER, John, Blamey [AU/AU]; 5/12
Kensington Road, South Yarra, VIC 3141
(AU). BENJAMIN, John, Smith [AU/AU];
271 Union Road, Balwyn, VIC 3103 (AU).(74) ALLENS ARTHUR ROBINSON
PATENT & TRADE MARKS ATTOR-
NEYS; Stock Exchange Centre, 530 Collins
Street, Melbourne, VIC 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 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 H04R 25/00

(11) WO 2004/105430 (13) A1

(21) PCT/AU2004/000702

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 2003902587 26 May/mai 2003 AU
(26.05.2003)(30) 10/445,463 27 May/mai 2003 US
(27.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • OSCILLATION SUPPRESSION

• SUPPRESSION D'OSCILLATION

(71) DYNAMIC HEARING PTY LTD
[AU/AU]; 2 Chapel Street, Richmond, VIC
3121 (AU).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PETER, John, Blamey [AU/AU]; 5/12
Kensington Road, South Yarra, VIC 3141
(AU). BENJAMIN, John, Smith [AU/AU];
271 Union Road, Balwyn, VIC 3103 (AU).
BRENTON, Robert, Steele; 177 Blackburn
Road, Blackburn South, VIC 3130 (AU).(74) ALLENS ARTHUR ROBINSON
PATENT & TRADE MARKS ATTOR-
NEYS; Stock Exchange Centre, 530 Collins
Street, Melbourne, VIC 3000 (AU).(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 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 H04R 25/00

(11) WO 2004/105431 (13) A2

(21) PCT/IL2004/000419

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/442,495 20 May/mai 2003 US
(20.05.2003)(30) 10/607,891 27 Jun/juin 2003 US
(27.06.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEARING AID

• AIDE AUDITIVE

(71) NEAT IDEAS N.V. [NL/NL]; Maduro &
Curiel's Trust Company, Scharlooweg 32,
Willemstad, Curacao (AN).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) REMBRAND, Raphael [IL/IL]; 7
Hadekel Street, 36056 Kiryat Tivon (IL).
ABOODY, Yaacov [IL/IL]; 13 Haoranim
Street, 45262 Hod Hasharon (IL).(74) KORAKH, Eliav; Borochoy, Korakh,
Eliezri & Co., P.O. Box 58100, Kiryat
Atidim, 61580 Tel Aviv (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 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 H04R 25/00

(11) WO 2004/105432 (13) A2

(21) PCT/US2004/014914

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 60/470,667 15 May/mai 2003 US
(15.05.2003)(30) 10/842,882 11 May/mai 2004 US
(11.05.2004)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • SYNCHRONIZED PROCESSING OF
EAR SHELLS FOR HEARING AIDS• TRAITEMENT SYNCHRONISE DE
COQUES AURICULAIRES POUR PRO-
THESES AUDITIVES(71) SIEMENS CORPORATE RESEARCH,
INC. [US/US]; 755 College Road East,
Princeton, NJ 08540 (US).(72) FANG, Tong; 20 Berkley Court, Mor-
ganville, NJ 07751 (US). TYAN, Jason,
Jenn-Kwei; 3 Fountayne Ct., Princeton, NJ
08540 (US). FANG, Ming; 4 Barrington
Drive, Princeton Junction, NJ 08550 (US).(74) PASCHBURG, Donald, B. 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 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 H04R 25/00

(11) WO 2004/105433 (13) A1

(21) PCT/US2004/007244

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/397,336 26 Mar/mar 2003 US
(26.03.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CLEAR SOUND SIDE FILL CENTER
FILL• RETOUR CENTRAL ET LATERAL A
SON CLAIR(71, 72) BRONSON, Andrew, P., III [US/US];
1956 Pratt St., Phila, PA 19124 (US).(74) BRONSON, Andrew, P., III; 1956 Pratt St.,
Phila, PA 19124 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ H04S 1/00, 3/00, H04M 1/725

(11) WO 2004/105434 (13) A1

(21) PCT/EP2004/050930

(22) 26 May/mai 2004 (26.05.2004)

- (25) de (26) de
- (30) 103 23 872.7 **26 May/mai 2003 DE**
(26.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • MOBILE COMMUNICATION TERMINAL, AND SOUND GENERATOR USED ON SAID COMMUNICATION TERMINAL
- TERMINAL DE COMMUNICATION MOBILE ET TRANSDUCTEUR DESTINE A ETRE UTILISE AVEC CE TERMINAL
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOCK, Gerhard [DE/DE]; Bergstr. 82, 82131 Gauting (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 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).
- Published / Publiée : (c)
-
- (51)⁷ H05B
- (11) WO 2004/105435 (13) A2
- (21) PCT/US2004/016276
- (22) 24 May/mai 2004 (24.05.2004)
- (25) en (26) en
- (30) 10/444,128 **23 May/mai 2003 US**
(23.05.2003)
- (43) 2 Dec/déc 2004 (02.12.2004)
- (54) • RETENTION MECHANISM FOR HEATING COIL OF HIGH TEMPERATURE DIFFUSION FURNACE
- MECANISME DE RETENUE POUR UNE BOBINE DE CHAUFFAGE DE DISPOSITIF DE CHAUFFAGE PAR DIFFUSION A HAUTE TEMPERATURE
- (71) MRL INDUSTRIES [US/US]; 19500 Nugget Blvd., Sonora, California 95370 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PECK, Kevin, B. [US/US]; 15875 Ridgewood Drive, Sonora, California 95370 (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 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).

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 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)

(t) for all designations / pour toutes les désignations

(51)⁷ H05B 3/00

(11) WO 2004/105436 (13) A1

(21) PCT/DE2004/000812

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 22 344.4 **17 May/mai 2003 DE**
(17.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • METHOD FOR HEATING COMPONENTS

• PROCEDE POUR CHAUFFER DES COMPOSANTS

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CZERNER, Stefan, Oliver [DE/DE]; Asselweg 5, 30826 Garbsen/Osterwalde (DE). EMILJANOW, Klaus [DE/DE]; Astrid-Lindgren-Strasse 17, 31319 Sehnde (DE).

(74) SÖLLNER, Oliver 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 PL PT 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 3/00

(11) WO 2004/105437 (13) A2

(21) PCT/US2004/014924

(22) 12 May/mai 2004 (12.05.2004)

(25) en (26) en

(30) 10/438,577 **15 May/mai 2003 US**
(15.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CONNECTOR ARRANGEMENT FOR AN ELECTRIC BLANKET OR THE LIKE HAVING A LOW VOLTAGE POWER SUPPLY

• DISPOSITIF DE CONNECTEUR POUR COUVERTURE ELECTRIQUE OU ANALOGUE ALIMENTEE EN BASSE TENSION

(71) PERFECT FIT INDUSTRIES, INC. [US/US]; 8501 Tower Point Drive, Charlotte, NC 28227 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARR, Sheldon, P. [US/US]; 502 Decorah Road, West Bend, WI 53095 (US). ZIMMERER, Richard [US/US]; 3832 Bonwood Drive, Charlotte, NC 28211 (US).

(74) MCCONNELL, Andrew, S.; Boyle, Fredrickson, Newholm, Stein & Gratz, S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, Wisconsin 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 H05B 3/02, A47J 31/54

(11) WO 2004/105438 (13) A1

(21) PCT/FR2004/000821

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/05978 **19 May/mai 2003 FR**
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • DEVICE FOR HEATING A LIQUID FOR A DOMESTIC APPLIANCE, DOMESTIC APPLIANCE FITTED WITH SAID DEVICE

• DISPOSITIF DE CHAUFFAGE D'UN LIQUIDE POUR APPAREIL ELECTROMENAGER, APPAREIL ELECTROMENAGER EQUIPE D'UN TEL DISPOSITIF

(71) SEB S.A. [FR/FR]; Les 4 M, Chemin du Petit Bois, F-69130 Ecully (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOURAND, Thierry** [FR/FR]; Chemin "Le Revers des Vaux", F-39700 Orchamps (FR).

(74) **KIEHL, Hubert**; SEB Développement, Chemin du Petit Bois, B.P. 172, F-69132 Ecully 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 **H05B 3/14**

(11) **WO 2004/105439** (13) A1

(21) PCT/GB2004/002157

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 0311675.3 **21 May/mai 2003 GB (21.05.2003)**

(30) 0320280.1 **29 Aug/août 2003 GB (29.08.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEATER FRO FLUIDS COMPRISING AN ELECTRICALLY CONDUCTIVE POROUS MONOLITH

• ELEMENT CHAUFFANT POUR FLUIDES COMPRENANT UN MONOLITHE POREUX ELECTROCONDUCTEUR

(71) **MAST INTERNATIONAL LTD** [GB/GB]; Mast House, 62 Farleigh Road, Addlestone, Surrey KT15 3HR (GB).

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(72, 75) **TENNISON, Stephen, Robert** [GB/GB]; 62 Farleigh Road, Addlestone, Surrey KT15 3HR (GB). **BLACKBURN, Andrew, John** [GB/GB]; 32 Chalk Ridge, Winchester, Hampshire SO23 0QW (GB). **HUYNH, Tho, Truong** [GB/GB]; 13 Blakeney Road, Millbrook, Southampton SO16 9PH (GB). **CATTON, Piers** [GB/GB]; 6, Casterbridge Close, Blandford Forum, Dorset DT11 7XW (GB). **STRELKO, Vladimir, Jr.** [UA/GB]; 14 Weyssprings Close, Basingstoke, Hampshire RG21 4DS (GB). **TUNBRIDGE, Jonathan, Robert** [GB/GB]; 17 Partridge Avenue, Yateley, Hampshire GU46 6PB (GB).

(74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, Nr. Westerham, Kent TN16 2BB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **H05B 3/20**

(11) **WO 2004/105440** (13) A2

(21) PCT/DE2004/001036

(22) **17 May/mai 2004 (17.05.2004)**

(25) de (26) de

(30) 203 07 654.0 **16 May/mai 2003 DE (16.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEATING DEVICE AND METHOD FOR THE PRODUCTION THEREOF AND HEATABLE OBJECT AND METHOD FOR THE PRODUCTION THEREOF

• DISPOSITIF DE CHAUFFAGE ET SON PROCEDE DE PRODUCTION, ET OBJET CHAUFFABLE ET SON PROCEDE DE PRODUCTION

(71) **BRAINCOM AG** [DE/DE]; Iltisstrasse 54, 81827 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIEMER, Michael** [DE/SE]; Oxtorgsgatan 24, S-55317 Jönköping (SE). **DIEMER, Stephan** [DE/DE]; Schulstrasse 9, 67577 Alsheim (DE).

(74) **LINDNER, Manfred, K.**; Göllheimer Strasse 5, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ 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 **H05B 3/40, F16L 53/00, F24H 1/00, H05B 3/20**

(11) **WO 2004/105441** (13) A1

(21) PCT/JP2004/005565

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) ja (26) ja

(30) 2003-147567 **26 May/mai 2003 JP (26.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • HEATER UNIT PRODUCING METHOD
• PROCEDE DE PRODUCTION D'UNE UNITE CHAUFFANTE

(71) **TOKYO TECHNOLOGICAL LABO CO., LTD.** [JP/JP]; 2-26-18, Motoizumi, Komae-shi, Tokyo 201-0013 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEGAWA, Teiji** [JP/JP]; c/o Tokyo Technological Labo Co., Ltd., 2-26-18, Motoizumi, Komae-shi, Tokyo 201-0013 (JP). **SUEMURA, Shuichi** [JP/JP]; c/o Tokyo Technological Labo Co., Ltd., 2-26-18, Motoizumi, Komae-shi, Tokyo 201-0013 (JP).

(74) **YANAGIDA, Masashi et al.** / etc.; Yanagida & Associates, 7F, Shin-Yokohama KS Bldg., 3-18-3, 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 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 **H05B 6/10, G03G 15/20**

(11) **WO 2004/105442** (13) A1

(21) PCT/JP2004/007840

(22) **19 May/mai 2004 (19.05.2004)**

(25) ja (26) ja

(30) 2003-144635 **22 May/mai 2003 JP (22.05.2003)**

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • INDUCTION HEATING ROLLER DEVICE, FIXING DEVICE USING THIS AND IMAGE FORMING DEVICE

• DISPOSITIF DE ROULEAUX CHAUFFANTS A INDUCTION, DISPOSITIF DE FIXATION UTILISANT CELUI-CI ET DISPOSITIF DE FORMATION D'IMAGE

(71) **HARISON TOSHIBA LIGHTING CORP.** [JP/JP]; 5-2-1, Asahi-machi, Imabari-shi, Ehime, 7948510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOI, Hiroyuki** [JP/JP]; 1-49, Fujidana-cho, Nishi-ku, Yokohama-shi, Kanagawa, 2200053 (JP). **YOKOZEKI, Ichiro** [JP/JP]; 3-17-23, Fujimi-cho, Yokosuka-shi, Kanagawa, 2380021 (JP). **KIKA, Manabu** [JP/JP]; 4-4-11, Nishikamakura, Kamakura-shi, Kanagawa, 2480035 (JP). **OGASAWARA, Takayuki** [JP/JP]; 4-3-18-#301 URUSHIBARA BUIL., Kaminagaya, Konan-ku, Yokohama-shi, Kanagawa, 2330012 (JP). **SUZUKI, Toshiya** [JP/JP]; 7-27-20, Ikegami, Yokosuka-shi, Kanagawa, 2380035 (JP). **TANAKA, Takaaki** [JP/JP]; 3-18-7-#317, Oyabe, Yokosuka-shi, Kanagawa, 2380024 (JP). **MAEDA, Syouhei** [JP/JP]; 3-18-7-#503, Oyabe, Yokosuka-shi, Kanagawa, 2380024 (JP).

(74) **ONODA, Yoshihiro**; ONODA Patent Office, 4-1-7-901, Zushi, Zushi-shi, Kanagawa, 2490006 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H05B 6/70, 6/74, 6/80

(11) WO 2004/105443 (13) A1

(21) PCT/SE2004/000669

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0301488-3 20 May/mai 2003 SE
(20.05.2003)

(30) 60/498,281 28 Aug/août 2003 US
(28.08.2003)

(30) 03102665.1 28 Aug/août 2003 EP
(28.08.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MICROWAVE HEATING DEVICE

• DISPOSITIF DE CHAUFFAGE AUX MICRO-ONDES

(71) PERSONAL CHEMISTRY I UPPSALA
AB [SE/SE]; Kungsgatan 76, S-753 18 Upp-
sala (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RISMAN, Per, Olof, G. [SE/SE];
Sandsjön 800, S-438 92 Härryda (SE). FA-
GRELL, Magnus [SE/SE]; Nordhemsvägen
7A, S-756 46 Uppsala (SE). STILLESJÖ,
Fredrik [SE/SE]; Reykjaviksgatan 110,
S-752 63 Uppsala (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ
AB; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H05B 33/08

(11) WO 2004/105444 (13) A1

(21) PCT/US2004/015784

(22) 19 May/mai 2004 (19.05.2004)

(25) en (26) en

(30) 60/471,888 19 May/mai 2003 US
(19.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTIPLE LED CONTROL APPARA-
TUS AND METHOD

• APPAREIL ET METHODE DE COM-
MANDE DE PLUSIEURS LED

(71) SLOANLED, INC. [US/US]; 1833 Portola
Road, Ventura, CA 93003 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) SLOAN, Thomas, C.; 1841 Camino de la
Luz, Santa Barbara, CA 93109 (US). FER-
RIE, Drew; 411 North Ventura Street, Ojai,
CA 93023 (US).

(74) HEYBL, Jaye, G.; Koppel, Jacobs, Patrick
& Heybl, 555 St. Charles Drive, Suite #107,
Thousand Oaks, CA 91360 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ 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 H05B 33/22, 33/14

(11) WO 2004/105445 (13) A1

(21) PCT/JP2004/006183

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-141973 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ORGANIC ELECTROLUMINESCENT
DEVICE AND DISPLAY

• DISPOSITIF ET AFFICHAGE ELEC-
TROLUMINESCENT ORGANIQUE

(71) IDEMITSU KOSAN CO., LTD. [JP/JP];
1-1, Marunouchi 3-chome, Chiyoda-ku,
Tokyo 1008321 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAWAMURA, Hisayuki [JP/JP]; 1280,
Kamiizumi, Sodegaura-shi, Chiba 2990293
(JP).

(74) WATANABE, Kihei; Shibashin Kanda Bldg.
3rd Floor, 26, Kanda Suda-cho 1-chome,
Chiyoda-ku, Tokyo 1010041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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 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 H05B 33/22

(11) WO 2004/105446 (13) A1

(21) PCT/JP2004/007118

(22) 19 May/mai 2004 (19.05.2004)

(25) ja (26) ja

(30) 2003-141975 20 May/mai 2003 JP
(20.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CHARGE-TRANSPORTING VARNISH

• VERNIS TRANSPORTANT UNE
CHARGE

(71) NISSAN CHEMICAL INDUS-
TRIES, LTD. [JP/JP]; 7-1, Kandanishiki-cho
3-chome, Chiyoda-ku, Tokyo, 1010054 (JP).
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les États désignés sauf US)

(72, 75) KATO, Taku [JP/JP]; c/o Electronic
Materials Research Laboratories, NISSAN
CHEMICAL INDUSTRIES, LTD., 722-1,
Tsuboi-cho, Funabashi-shi, Chiba, 2748507
(JP). ONO, Go [JP/JP]; c/o Electronic Ma-
terials Research Laboratories, NISSAN
CHEMICAL INDUSTRIES, LTD., 722-1,
Tsuboi-cho, Funabashi-shi, Chiba, 2748507
(JP). YOSHIMOTO, Takuji [JP/JP]; c/o
Electronic Materials Research Laboratories,
NISSAN CHEMICAL INDUSTRIES, LTD.,
722-1, Tsuboi-cho, Funabashi-shi, Chiba,
2748507 (JP).

(74) KOJIMA, Takashi; GINZA OHTSUKA
Bldg.2F, 16-12, Ginza 2-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 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 H05B 33/26

(11) WO 2004/105447 (13) A1

(21) PCT/KR2004/001181

(22) 19 May/mai 2004 (19.05.2004)

(25) ko (26) en

(30) 10-2003-0032864 23 May/mai 2003 KR
(23.05.2003)

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • ITO FILM TREATED BY NITROGEN
PLASMA AND THE ORGANIC LUMI-
NESCENT DEVICE USING THE SAME

• FILM D'OXYDE D'INDIUM-ETAÏN
TRAITE PAR PLASMA D'AZOTE ET
DISPOSITIF ORGANIQUE LUMINES-
CENT UTILISANT UN TEL FILM

(71) LG CHEM, LTD. [KR/KR]; LG Twin
Tower, 20, Yoido-dong, Youngdungpo-gu,
Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SON, Se-Hwan** [KR/KR]; 8-405, LG Chemical Apartment, 381-42, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **KANG, Min-Soo** [KR/KR]; 114-1407, Hanmaul Apartment, Songgang-dong, Yuseong-gu, Daejeon 305-503 (KR). **JEON, Sang-Young** [KR/KR]; 125-187 Gunja-dong, Gwangjin-gu, Seoul 143-839 (KR). **KIM, Jong-Geol** [KR/KR]; 8-109, LG Chemical Apartment, 381-42, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR).

(74) **KIM, Seong-Ki**; 14F., Kukdong Building, 60-1, Chungmuro3-ka Chung-ku, Seoul 100-705 (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 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 H05G 1/20

(11) **WO 2004/105448** (13) A1

(21) PCT/JP2004/007081

(22) **24 May/mai 2004 (24.05.2004)**

(25) ja (26) ja

(30) 2003-145975 **23 May/mai 2003 (23.05.2003)** JP

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • X-RAY HIGH VOLTAGE DEVICE

• DISPOSITIF HAUTE TENSION A RAYONS X

(71) **HITACHI MEDICAL CORPORATION** [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 1010047 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAMOTO, Kazuhiko** [JP/JP]; 1395-3-101, Shikoda, Kashiwa-shi, Chiba 2770862 (JP). **TAKANO, Hiroshi** [JP/JP]; 4175-4, Honcho, Moriya-shi, Ibaraki 3020109 (JP).

(74) **OZAWA, Keinosuke** et al. / etc.; Diamond Plaza Bldg. 6F, 25, Ichibancho, Chiyoda-ku, Tokyo 1020082 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 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 H05G 1/60

(11) **WO 2004/105449** (13) A1

(21) PCT/US2004/005009

(22) **19 Feb/fév 2004 (19.02.2004)**

(25) en (26) en

(30) 10/439,350 **15 May/mai 2003 (15.05.2003)** US

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • MULTI ENERGY X-RAY IMAGER

• IMAGEUR A RAYONS X MULTI-ENERGIE

(71) **VARIAN MEDICAL SYSTEMS TECHNOLOGIES, INC.** [US/US]; 3100 Hansen Way, Palo Alto, CA 94304-1038 (US).

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(72, 75) **ZENTAI, George** [HU/US]; 1054 Blackfield Way, Mountain View, CA 94040 (US). **PARTAIN, Larry** [US/US]; 590 Milverton Road, Los Altos, CA 94022 (US).

(74) **MEI, Peter** et al. / etc.; Bingham & McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H05H 1/34

(11) **WO 2004/105450** (13) A1

(21) PCT/NL2004/000348

(22) **19 May/mai 2004 (19.05.2004)**

(25) en (26) en

(30) 1023491 **21 May/mai 2003 (21.05.2003)** NL

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • CASCADE SOURCE AND A METHOD FOR CONTROLLING THE CASCADE SOURCE

• SOURCE EN CASCADE ET PROCEDE DE CONTROLE DE LA SOURCE

(71) **OTB GROUP B.V.** [NL/NL]; Luchthavenweg 10, NL-5657 EB Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIJKER, Martin, Dinant** [NL/NL]; Betuweweg 64, NL-5709 KR Helmond (NL). **CLIJSEN, Leonardus, Peterus, Maria** [NL/NL]; Wolvendijk 127, NL-5641 AR Eindhoven (NL). **DINGS, Franciscus, Cornelius** [NL/NL]; Regulus 26, NL-5505 TD

Veldhoven (NL). **PENNINGS, Remco, Leonardus, Johannes, Robertus** [NL/NL]; Boutenslaan 145, NL-5644 TV Eindhoven (NL).

(74) **WINCKELS, J., H., F.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

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(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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(30) 03126698.3 **26 May/mai 2003 (26.05.2003)** CN

(43) 2 Dec/déc 2004 (02.12.2004)

(54) • PRINTED CIRCUIT BOARD AND METHOD OF PRODUCING THE SAME
• CARTE DE CIRCUIT IMPRIME ET SON PROCEDE DE PRODUCTION

(71, 72) **WANG, Lihua** [CN/CN]; B-17C, Qunfang Ge, Huajing Garden, No.54 Shihua Dong Rd., Xianzhou District, Zhuhai, Guangdong 519000 (CN).

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(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 H05K 3/12, B41N 1/24, B41F 15/36

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 3/46, 1/11, 3/42

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(22) 27 Jun/juin 2000 (27.06.2000)

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(54) • THROUGH HOLE ELECTRICAL CONNECTION STRUCTURE FOR FLEXIBLE MULTILAYER CIRCUIT BOARD AND METHOD FOR FORMING THE SAME

- STRUCTURE DE CONNEXION ELECTRIQUE PAR TROU TRAVERSANT POUR CARTE CIRCUIT MULTICOUCHE SOUPLE, ET PROCEDE DE REALISATION

(71, 72) HIRAHARA, Kenichi [JP/JP]; 2-6-16, Kamiya, Ushiku-shi, Ibaraki 300-1216 (JP). AZEYANAGI, Kunihiko [JP/JP]; 1879-228, Nagasu, Kashima-shi, Ibaraki 314-0022 (JP). TSUKAHARA, Toshiyuki [JP/JP]; 2731-214- Okami-cho, Ushiku-shi, Ibaraki 300-1204 (JP).

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(25) ja (26) ja

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(54) • WIRING BOARD MANUFACTURING METHOD

- PROCEDE POUR FABRIQUER UN TABLEAU DE CONNEXIONS

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(51)⁷ H05K 7/14

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(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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(54) • TRANSFER ASSEMBLY FOR MANUFACTURING ELECTRONIC DEVICES

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