

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51)⁷ A01C
(11) WO 2004/095905 (13) A2
(21) PCT/US2003/036972
(22) 19 Nov/nov 2003 (19.11.2003)
(25) en (26) en
(30) 10/423,476 25 Apr/avr 2003 US (25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • PLANTING POTS AND MULTI-COMPARTMENT TRAY HAVING SELF-ORIENTING CONFIGURATION
• GODETS DE PLANTATION ET PLATEAU A COMPARTIMENTS MULTIPLES AYANT UNE CONFIGURATION AUTO-ORIENTABLE
(71) PROVEN WINNERS NORTH AMERICA, LLC [US/US]; 45 North First Street, Suite B, Campbell, CA 95008 (US).
(72) SMITH, Thomas, J.; 1015 Indian Trails Road, Carleton, MI 48117 (US). HUNTINGTON, Henry, L.; 7316 Pleasant Street, Loudon, NH 03307 (US).
(74) FRISCIA, Michael, R.; Wolff & Samson PC, One Boland Drive, West Orange, NJ 07052 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- PROCEDE ET APPAREIL DESTINES A TRANSPORTER DES SEMIS DANS UNE MACHINE A PLANTER
(71) N.V. AGRIPLANT [BE/BE]; Meensesteenweg 260, B-8890 Dadizele (BE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PARREIN, Bart [BE/BE]; Zonnebekestraat 55, B-8920 Langemark (BE). BINTEIN, Frans [BE/BE]; Pastoor Pypestraat 13, B-8940 Geluwe (BE).
(74) RYCKEBOER, Leo; Ir. Leo Ryckeboer BVBA, Leuzestraat 35, B-8510 Bellegem (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)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ A01D 46/26
(11) WO 2004/095907 (13) A1
(21) PCT/ES2003/000188
(22) 29 Apr/avr 2003 (29.04.2003)
(25) es (26) es
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • SUPPORT AND GUIDE ASSEMBLY FOR A ROD WHICH CAN PERFORM AN AXIAL RECIPROCATING MOVEMENT
• ENSEMBLE DE SUPPORT ET GUIDAGE D'UNE BARRE POUVANT SE DEPLACER SELON UN MOUVEMENT ALTERNATIF DANS LE SENS AXIAL
(71, 72) GURRI MOLINS, José [ES/ES]; Casa Mas de la Crusella, E-08140 Caldes de Montbui (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 A01D 46/26
(11) WO 2004/095908 (13) A1
(21) PCT/ES2004/000176
(22) 24 Apr/avr 2004 (24.04.2004)
(25) es (26) es
(30) P 200300965 25 Apr/avr 2003 ES (25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • FORCE-BALANCING OR -MULTIPLYING DEVICE WHICH IS INTENDED FOR A PORTABLE MECHANICAL BEATER/COLLECTOR
• DISPOSITIF PERMETTANT D'EQUILIBRER OU DE MULTIPLIER DES FORCES, DESTINE A ETRE UTILISE AVEC UN APPAREIL DE GAULAGE ET DE RAMASSAGE MECANIQUE PORTABLE
(71, 72) GURRI MOLINS, Josep [ES/ES]; Casa Mas de la Crusella, E-08140 Caldes de Montbui (ES).
(74) TORNER, JUNCOSA I ASSOCIATS, SL; Torner Lasalle, Elisabet, C/Bruc, 21, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01C 11/02
(11) WO 2004/095906 (13) A1
(21) PCT/EP2004/004504
(22) 26 Apr/avr 2004 (26.04.2004)
(25) en (26) en
(30) 03076263.7 1 May/mai 2003 EP (01.05.2003)
(30) 03076264.5 1 May/mai 2003 EP (01.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • A METHOD AND APPARATUS FOR TRANSPORTING SEEDLINGS IN A PLANTING MACHINE

- (54) • ROD/GUIDE ASSEMBLY FOR RECIP-ROCATING ROD
- ENSEMBLE DE GUIDAGE POUR GAULE ALTERNATIVE

(71, 72) GURRI MOLINS, Josep [ES/ES]; Casa Mas de la Crusella, E-08140 Caldes de Montbui (ES).

(74) TORNER, JUNCOSA I ASSOCIATS, SL; Torner Lasalle, Elisabet (823/0), C/Bruc, 21, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01F 15/04, 25/14

(11) WO 2004/095910 (13) A1

(21) PCT/IB2004/050548

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2003/3286 29 Apr/avr 2003 ZA (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF BALING AND ENSILING AND A BALER THEREFOR

• PROCEDE DE MISE EN BALLES ET D'ENSILAGE ET PRESSE A BALLES CORRESPONDANTE

(71, 72) GOOSEN, Peter Clayton [ZA/ZA]; No. 2 Frieda Street, Brackendowns, 1448 Alberton (ZA).

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

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/00, B27N 3/02

(11) WO 2004/095911 (13) A1

(21) PCT/JP2004/005339

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-109472 14 Apr/avr 2003 JP (14.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PLANT GROWING MAT AND PROCESS FOR PRODUCING THE SAME

• TAPIS POUR LA CULTURE DE VEGETAUX ET SON PROCEDE DE FABRICATION

(71) PLUM ECO PROJECT CO. LTD. [JP/JP]; 45-1, Aza Naiminato, Oaza Naganawashiro Hachinohe-shi Aomori, 0391103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UMETSU, Kouzaburou [JP/JP]; c/o PLUM ECO PROJECT CO., LTD. 45-1, Aza Naiminato, Oaza Naganawashiro Hachinohe-shi Aomori, 0391103 (JP).

(74) TOMISAWA, Tomonari; c/o Hachinohe Intelligent Plaza 1-4-43, Kita-inter-kougyou-danchi, Hachinohe-shi, Aomori, 0392245 (JP).

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

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

(51)⁷ A01G 9/10

(11) WO 2004/095912 (13) A2

(21) PCT/NL2004/000287

(22) 29 Apr/avr 2004 (29.04.2004)

(25) nl (26) en

(30) 1023336 2 May/mai 2003 NL (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CARRIER FOR GROWING TRAYS AND ASSEMBLY OF AT LEAST ONE SUCH CARRIER AND A GROWING TRAY

• SUPPORT POUR CLAYETTES DE CULTURE ET ENSEMBLE COMPOSE

D'AU MOINS D'UN TEL SUPPORT ET D'UNE CLAYETTE

(71) MODIFORM B.V. [NL/NL]; Ambachtsweg 15, NL-3831 KA Leusden (NL).

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

(72, 75) VAN HEUGTEN, Petrus, Johannes [NL/NL]; Hessenweg 341, NL-3791 PK Achterveld (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 A01G 9/16

(11) WO 2004/095913 (13) A1

(21) PCT/US2003/007797

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PORTABLE GREENHOUSE
• SERRE PORTATIVE

(71, 72) WIJBENGA, Grietje [US/US]; 10 Tennyson Road, West Orange, NJ 07052 (US).

(74) HARRIS, Sonya; P.O. Box 2607, Fairfax, VA 22031 (US).

(81) AE AG AL 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)⁷ A01H 1/02, 5/12

(11) WO 2004/095914 (13) A2

(21) PCT/FR2004/050172

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 0305126 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OBTAINING RECOMBINANT PLANTS OF THE CICHORIUM GENUS AND PLANTS THUS OBTAINED

- PROCEDE D'OBTENTION DE PLANTES RECOMBINANTES DU GENRE CICHORIUM, ET PLANTES OBTENUES PAR LE PROCEDE

(71) VILMORIN [FR/FR]; Route du Manoir, La Garenne, F-49250 LA MENITRE (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LECOMPTE, Alain [FR/FR]; 2 rue des FFI, Appartement 221, 49100 ANGERS (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 A01K 1/00, E06B 11/02

(11) WO 2004/095915 (13) A1

(21) PCT/SE2004/000653

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301280-4 2 May/mai 2003 SE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A ONE-WAY GATE FOR ANIMALS

- BARRIERE A SENS UNIQUE DESTINEE A DES ANIMAUX

(71) DELAVAL HOLDING AB [SE/SE]; P.O. Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUDA, Fredrik [SE/SE]; Odlingssvägen 18, 7 tr., S-147 50 Tumba (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsg. 58, S-114 50 Stockholm (SE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/00, 7/06

(11) WO 2004/095916 (13) A1

(21) PCT/SE2004/000652

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301279-6 2 May/mai 2003 SE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A DEVICE FOR FEEDING A LIQUID TO AN ANIMAL

- DISPOSITIF D'ALIMENTATION PERMETTANT DE DELIVRER UN LIQUIDE A UN ANIMAL

(71) DELAVAL HOLDING AB [SE/SE]; P.O. Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARNERUP, Lars [SE/SE]; Nyängsvägen 33, S-146 30 Tullinge (SE). JAHREN, Even [NO/NO]; Grimstad Gård, NO-1890 Rakkestad (NO).

(74) BJERKENS PATENTBYRÅ KB et al. / etc.; Östermalmsg. 58, S-114 50 Stockholm (SE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 39/02

(11) WO 2004/095917 (13) A1

(21) PCT/DE2004/000612

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 203 06 663.4 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR SUPPLYING DRINKING WATER TO POULTRY

- DISPOSITIF D'APPROVISIONNEMENT EAU POTABLE DE LA VOLAILLE

(71) BIG DUTCHMAN INTERNATIONAL GMBH [DE/DE]; Auf der Lage 2, 49377 Vechta (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEERPOHL, Bernd [DE/DE]; An der Bäke 9, 49377 Vechta/Calveslage (DE). OTTO-LÜBKER, Friedrich [DE/DE]; Bornhagenweg 6, 49635 Badbergen-Vehs (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 DE

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

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

Published / Publiée : (c)

(51)⁷ A01K 79/00

(11) WO 2004/095918 (13) A1

(21) PCT/KR2004/001021

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0028008 1 May/mai 2003 KR (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WINCH FOR UNDERWATER FISH-GATHERING LIGHT AND CONTROL METHOD THEREFOR

- TREUIL POUR LAMPE SOUS-MARINE PERMETTANT D'ATTIRER DES POISSONS ET PROCEDE DE COMMANDE ASSOCIE

(71, 72) RHEE, Junhan [KR/KR]; 2-1201, Hangang Apt., Jamwon-dong, Seocho-gu, Seoul, 137-798 (KR).

(74) LEE, Chulhee et al. / etc.; 14F, Hyundai Marine & Fire Insurance Bldg., 646, Yeoksam-dong, Gangnam-gu, Seoul, 135-080 (KR).

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

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

(51)⁷ A01M 1/14, 1/24

(11) WO 2004/095919 (13) A2

(21) PCT/GB2004/001757

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309572.6 26 Apr/avr 2003 GB (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INSECT AND ARACHNID TRAP

- PIEGE A INSECTES ET A ARACHNIDES

(71, 72) WATSON, Robin [GB/GB]; 1 Craigbet Avenue, Quarrier's Village, Bridge of Weir PA11 3QX (GB).

(74) **MURGITROYD & COMPANY**; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

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

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

(51)⁷ **A01M 23/30**

(11) **WO 2004/095920** (13) A1

(21) PCT/MX2004/000028

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) es (26) es

(30) NL/u/2003/000011 **25 Apr/avr 2003** MX
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS TO MOUSE AND RAT TRAPS
• AMELIORATIONS APPORTEES DANS UN PIEGE POUR SOURIS ET RAT

(71, 72) **DE REGIL CAMET, Javier Guillermo** [MX/MX]; Camino al Mirador No. 5616, Colonia del Paseo Residencial, C.P. 64920 Monterrey N.L. (MX).

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

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

(11) **WO 2004/095921** (13) A2

(21) PCT/US2003/034614

(22) **30 Oct/oct 2003 (30.10.2003)**

(25) en (26) en

(30) 60/423,134 **1 Nov/nov 2002** US
(01.11.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPORICIDAL COMPOSITION
• COMPOSITION SPORICIDE

(71) **MIONIX CORPORATION** [US/US]; 4031 Alvis Court, Rocklin, CA 95677 (US).

(72) **KEMP, Maurice, C.**; 1217 Regina St., Rocklin, CA 95765 (US). **LALUM, Robert, B.**; 7639 Commonwealth Drive, Antelope, CA

95843 (US). **JIMENEZ-FLORES, Rafael**; 4444 Sunflower Way, San Luis Obispo, CA 93401 (US). **LEWIS, David, E.**; 816 Third Avenue, Eau Claire, WI 54703 (US).

(74) **CHWANG, Ling, T. 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 NI NO NZ OM PG PH PL PT 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 **A01N**

(11) **WO 2004/095922** (13) A2

(21) PCT/US2003/035582

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/411,720 **11 Apr/avr 2003** US
(11.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH CONCENTRATION DINOTEFURAN FORMULATIONS CONTAINING METHOPRENE
• FORMULATIONS DE DINOTEFURANE A HAUTE CONCENTRATION CONTENANT DU METHOPRENE

(71) **THE HARTZ MOUNTAIN CORPORATION** [US/US]; 400 Plaza Drive, Secaucus, NJ 07094-3688 (US).

(72) **COTTRELL, Ian, William**; 10 Spencer Road, Basking Ridge, NJ 07920 (US). **LYTWYN, Michael, William**; 30 Robert Drive, East Hanover, NJ 07936 (US). **AHN, Albert**; 43 Talbot Court, Short Hills, NJ 07078 (US).

(74) **ROSENTHAL, Lawrence et al. / etc.**; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

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

(11) **WO 2004/095923** (13) A2

(21) PCT/US2004/011046

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en

(26) en

(30) 10/411,461 **10 Apr/avr 2003** US
(10.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF APPLYING PESTICIDE
• PROCEDE D'APPLICATION DE PESTICIDE

(71, 72) **HOSHALL, Tom** [US/US]; 7150 N.W. 112th Street, Oklahoma City, OK 73162 (US).

(74) **ROUSE, Nicholas, D.**; Dunlap, Coddling & Rogers, P.C., P.O. Box 16370, Oklahoma City, OK 73113 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/04, A01G 13/02, C09K 17/52**

(11) **WO 2004/095924** (13) A1

(21) PCT/GB2004/001769

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 0309585.8 **26 Apr/avr 2003** GB
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HORTICULTURAL GEL
• GEL D'HORTICULTURE

(71, 72) **FENWICK, Richard, Michael** [GB/GB]; 50 Moorcroft Road, Woodthorpe, York YO24 2RQ (GB).

(74) **NOVAGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (GB).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 25/26**

(11) **WO 2004/095925** (13) A1

(21) PCT/EP2004/004571

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en

(26) en

(30) 03009663.0 **30 Apr/avr 2003** EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR THE PREPARATION OF A PESTICIDAL FORMULATION

• PROCEDE DE PREPARATION D'UNE FORMULATION PESTICIDE

(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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

(72, 75) TOMIOKA, Atsushi [JP/JP]; Syngenta Japan K.K. (CRS), 780 Kuno-cho, Ushiku, Ibaraki 300-1147 (JP). HASEGAWA, Hiroshi [JP/JP]; Syngenta Japan K.K. (CRS), 780 Kuno-cho, Ushiku, Ibaraki 300-1147 (JP). MATSUBARA, Takahiro [JP/JP]; Syngenta Japan K.K. (CRS), 780 Kuno-cho, Ushiku, Ibaraki 300-1147 (JP).

(74) SYNGENTA PARTICIPATIONS AG; Intellectual Property, P.O. Box, 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 A01N 33/12, 31/16, 31/08, 37/44, A01C 1/06, A01N 43/10

(11) WO 2004/095926 (13) A2

(21) PCT/US2004/010720

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 60/466,104 **28 Apr/avr 2003** US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TREATMENT OF PLANTS AND PLANT PROPAGATION MATERIALS WITH AN ANTIOXIDANT TO IMPROVE PLANT HEALTH AND/OR YIELD

• TRAITEMENT DE PLANTES ET MATERIAUX DE PROPAGATION DE PLANTES AVEC UN ANTIOXYDANT POUR L'AMELIORATION DE LA SANTE DE PLANTES ET/OU L'ACCROISSEMENT DE RENDEMENT

(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) ASRAR, Jawed [US/US]; 14949 Royal Brook, Chesterfield, MO 63017 (US). DING, Yiwei [US/US]; 423 Castle Pines Court, Ballwin, MO 63021 (US). BOURQUE, June, E. [US/US]; 401 Carswold Drive, St. Louis, MO 63105 (US). SANDERS, Ernest, F. [US/US];

16 Regatta Bay Court, Lake St. Louis, MO 63367 (US).

(74) NELSON MULLINS RILEY & SCARBOROUGH, LLP; P.O. Box 11070, Columbia, SC 29211 (US).

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

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

(51)⁷ A01N 35/02

(11) WO 2004/095927 (13) A1

(21) PCT/EP2004/004528

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03291057.2 **30 Apr/avr 2003** EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ALLOMONE REPULSIVE COMPOSITIONS FOR THE TREATMENT OF FLEAS

• COMPOSITIONS REPULSIVES D'ALLOMONE POUR LA LUTTE CONTRE LES PUCES

(71) FIDELINE [FR/FR]; Le Rieu Neuf, F-84490 Saint-Saturnin d'Apt (FR).

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

(72, 75) PAGEAT, Patrick [FR/FR]; La Fénrière, Route de Saint Saturnin, F-84400 Apt (FR).

(74) DESAIX, Anne et al. / etc.; Ernest Gutmann-Yves Plasseraud S.A., 3, rue Chauveau-Lagarde, FR-75008 Paris (FR).

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

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

Published / Publiée : (c)

(51)⁷ A01N 37/16 // (A01N 37/16, 59:00, 33:24, 25:30)

(11) WO 2004/095928 (13) A2

(21) PCT/US2004/007007

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/424,290 **25 Apr/avr 2003** US
(25.04.2003)

(30) 10/652,599 **28 Aug/août 2003** US
(28.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ENHANCED PROMPTS FOR SETTING OR RESETTING DIGITAL TIME DISPLAYS

• INVITES AMELIOREES POUR CONFIGURER OU RECONFIGURER DES AFFICHAGES TEMPORELS NUMERIQUES

(71) EQUITIME, INC. [US/US]; 90 Northern Boulevard, Newbury, MA 01951-1534 (US).

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

(72) TERZIAN, Berj, A.; 90 Northern Boulevard, Newbury, MA 01951-1534 (US).

(74) LUCAS, Donald, C.; Muserlian, Lucas and Mercanti, LLP, 475 Park Avenue South, New York, NY 10016 (US).

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

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

(51)⁷ A01N 43/78 // (A01N 43/78, 57:12, 47:38, 47:32, 47:04, 43:88, 43:653, 43:36, 37:50)

(11) WO 2004/095929 (13) A1

(21) PCT/EP2004/004165

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 19 591.2 **2 May/mai 2003** DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTIVE SUBSTANCE COMBINATIONS THAT HAVE NEMATOCIDAL, INSECTICIDAL, AND FUNGICIDAL PROPERTIES AND ARE BASED ON TRIFLUOROBUTENYL COMPOUNDS

• COMBINAISONS DE MATIERE ACTIVE A PROPRIETES NEMATOCIDES, INSECTICIDES ET FONGICIDES, A BASE DE COMPOSES DE TRIFLUOROBUTENYLE

(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) ANDERSCH, Wolfram [DE/DE]; Schlodderdicher Weg 77, 51468 Bergisch Gladbach (DE). WACHENDORFF-NEUMANN, Ulrike [DE/DE]; Oberer Markeweg 85, 56566 Neuwied (DE). KRAUS, Anton [DE/DE]; Bremersheide 15, 42799 Leichlingen (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A01N 43/78 // (A01N 43/78, 57:16, 53:06, 51:00, 47:24, 47:06, 47:02, 45:00)
- (11) WO 2004/095930 (13) A1
- (21) PCT/EP2004/004167
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) de (26) de
- (30) 103 19 590.4 2 May/mai 2003 DE (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ACTIVE SUBSTANCE COMBINATION BASED ON TRIFLUOROBUTINYL COMPOUNDS AND EXHIBITING NEMATOCIDAL AND INSECTICIDAL PROPERTIES
- ASSOCIATIONS DE SUBSTANCES ACTIVES PRESENTANT DES PROPRIETES NEMATOCIDES ET INSECTICIDES, A BASE DE COMPOSES TRIFLUOROBUTENYLE
- (71) BAYER CROPSCIENCE AKTIENGESSELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE). ANDERSCH, Wolfram [DE/DE]; Schlodderdicher Weg 77, 51469 Bergisch Gladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAUS, Anton [DE/DE]; Bremersheide 15, 42799 Leichlingen (DE). ISHIKAWA, Koichi [JP/JP]; 5-5-1, Ekiminami-cho, Oyama-shi, Tochigi 323-0820 (JP).
- (74) BAYER CROPSCIENCE 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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 63/00, C12P 27/00
- (11) WO 2004/095931 (13) A1
- (21) PCT/MX2003/000039
- (22) 28 Apr/avr 2003 (28.04.2003)
- (25) es (26) es
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GENERAL ACTIVATOR OF METABOLISM IN PLANTS, ANIMALS AND HUMANS, IN ORDER TO INCREASE AGRICULTURAL AND ANIMAL PRODUCTIVITY AND IMPROVE HUMAN HEALTH
- ACTIVATEUR GENERAL DE METABOLISME CHEZ LES PLANTES, ANIMAUX ET ETRES HUMAINS EN VUE D'AUGMENTER LA PRODUCTIVITE AGRICOLE, ANIMALE ET LA SANTE HUMAINE
- (71, 72) ESPARZA ALANIS, Maria, Laura [MX/MX]; Calle Punta del Este N°3265, Col. Primavera, C.P. 64830, Monterrey, N.L. (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 A01N 65/00, 43/90 // (A01N 65/00, 65:00) (A01N 43/90, 43:90)
- (11) WO 2004/095932 (13) A1
- (21) PCT/EP2004/004458
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) de (26) de
- (30) A 645/2003 28 Apr/avr 2003 AT (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NATURAL PLANT PROTECTION AGENT OR REPELLENT
- AGENTS PHYTOSANITAIRES ET AGENTS REPULSIFS NATURELS
- (71, 72) ROTH, Hermann [DE/DE]; Kiedricher Strasse 35c, 65343 Eltville (DE).
- (74) PUCHBERGER, BERGER & PARTNER; Reichratsstrasse 13, 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).
- Published / Publiée : (c)
-
- (51)⁷ A21D 2/18, 2/36, 10/02, 6/00, 13/00
- (11) WO 2004/095933 (13) A2
- (21) PCT/US2004/010689
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 10/423,038 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DOUGH THAT BROWNS, RAISES AND FORMS AN OVEN TENDER BREAD CRUST UNDER THE INFLUENCE OF MICROWAVE INCIDENT ENERGY
- PATE QUI BRUNIT, LEVE ET FORME UNE CROUTE DE PAIN TENDRE EN FOUR SOUS ENERGIE INCIDENTE DES MICRO-ONDES
- (71) SCHWAN'S FOOD MANUFACTURING, INC. [US/US]; 115 West College Drive, Marshall, MN 56258 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SADEK, Nagwa, Zaki [US/US]; 7764 Thornhill Drive, Ypsilanti, MI 48197 (US). INGELIN, Mark, E. [US/US]; 402 E. Marshall Street, Marshall, MN 56258 (US). MORAD, Mohamed, M. [US/US]; 1109 Skyline, #2, Marshall, MN 56258 (US).
- (74) BRUESS, Steven, C.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A22B 3/02
- (11) WO 2004/095934 (13) A1
- (21) PCT/US2003/031031
- (22) 30 Sep/sep 2003 (30.09.2003)
- (25) en (26) en
- (30) 10/417,865 17 Apr/avr 2003 US (17.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CONCUSSION STUNNER
- ETOURDISSEMENT PAR COMMO-TION
- (71) JARVIS PRODUCTS CORPORATION [US/US]; 33 Anderson Road, Middletown, CT 06457 (US).
- (72) JONES, Arthur; 67286 255th Street, Tabor, IA 51653 (US).

(74) **DELIO, Anthony, P. et al. / etc.**; DeLio & Peterson, LLC, 121 Whitney Avenue, New Haven, CT 06510 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A22C 13/00, C08K 3/00, B32B 27/34**

(11) **WO 2004/095935** (13) A1

(21) PCT/EP2004/004206

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) de (26) de

(30) 103 19 006.6 **25 Apr/avr 2003 DE (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **FOOD CASING PROVIDED WITH AN ANTIMICROBIAL FINISH**

• **ENVELOPPE ALIMENTAIRE DE TYPE BOYAU, A APPRET ANTIMICROBIEN**

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

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

(72, 75) **KASTL, Erna [DE/DE]**; Dorfweg 9, 65510 Hünstetten (DE).

(74) **PLATE, Jürgen et al. / etc.**; Patentanwalt-skanzlei Zounnek, Industriepark Kalle Albert, Rheingaustrasse 196, 65203 Wiesbaden (DE).

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

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

(51)⁷ **A23C 19/06**

(11) **WO 2004/095936** (13) A1

(21) PCT/JP2004/006078

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) ja (26) ja

(30) 2003-125363 **30 Apr/avr 2003 JP (30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **PROCESS FOR PRODUCING CHEESE**

• **PROCESSUS DE PRODUCTION DE FROMAGE**

(71) **MORINAGA MILK INDUSTRY CO., LTD. [JP/JP]**; 33-1, Shiba 5-chome, Minato-ku, Tokyo 108-8384 (JP).

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

(72, 75) **TAKAHASHI, Kiyotaka [JP/JP]**; c/o Morinaga Milk Industry Co., Ltd., Food Research & Development Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP). **MIYAUCHI, Kiyotaka [JP/JP]**; c/o Morinaga Milk Industry Co., Ltd., Food Research & Development Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP). **MIZUNO, Rei [JP/JP]**; c/o Morinaga Milk Industry Co., Ltd., Food Research & Development Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP). **MIYAKAWA, Hiroshi [JP/JP]**; c/o Morinaga Milk Industry Co., Ltd., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP). **OCHI, Hiroshi [JP/JP]**; c/o Morinaga Milk Industry Co., Ltd., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-0004 (JP).

(74) **SHIGA, Masatake et al. / etc.**; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/40, 5/46, A23C 11/00**

(11) **WO 2004/095937** (13) A1

(21) PCT/GB2003/001830

(22) **28 Apr/avr 2003 (28.04.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **COFFEE AND CREAMER COMPOSITIONS**

• **COMPOSITIONS DE CAFE ET DE BLANCHISSEUR DE CAFE**

(71) **KRAFT FOODS R & D, INC. [US/DE]**; Zweigniederlassung Munchen, Unterbiberger Strasse 15, 81737 Munich (DE).

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

(72, 75) **SCHOLZ, Martin [DE/DE]**; Botheler Weg 4, 27383 Scheessel (DE). **LIPPOLD, Dean, A. [US/GB]**; 50 Merrivale Square, Walton Manor, Oxford, Oxfordshire OX2 6QX (GB). **PANESAR, Satwinder, S. [GB/GB]**; 30 Waller Drive, Banbury, Oxfordshire OX16 9NR (GB).

(74) **HAYES, Adrian, Chetwynd et al. / etc.**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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

Published / Publiée : (a)

Declarations / Déclarations :

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

(51)⁷ **A23G 3/02, B29C 43/46, 33/38, G06F 17/50**

(11) **WO 2004/095938** (13) A2

(21) PCT/GB2004/001882

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 0309888.6 **30 Apr/avr 2003 GB (30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **PRODUCING THREE-DIMENSIONAL OBJECTS FROM DEFORMABLE MATERIAL**

• **PRODUCTION D'OBJETS TRIDIMENSIONNELS À PARTIR D'UN MATÉRIAU DÉFORMABLE**

(71, 72) **MARSHALL, Adrian, Richard [GB/GB]**; 13 Longwall, Haddenham, Aylesbury, Buckinghamshire HP17 8DL (GB).

(74) **ATKINSON, Ralph**; Atkinson Burring-ton, 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).

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 A23K 1/00, 1/18, A61K 35/74

(11) WO 2004/095939 (13) A1

(21) PCT/DK2004/000297

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 03076392.4 1 May/mai 2003 EP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVING HEALTH AND/OR NUTRITIONAL STATUS OF AN AQUATIC ANIMAL BY AID OF BACILLUS LICHENIFORMIS

• AMELIORATION DE L'ETAT SANITAIRE ET/OU NUTRITIONNEL D'ESPECES AQUATIQUES A L'AIDE DE <I>BACILLUS LICHENIFORMIS</I>

(71) CHR. HANSEN A/S [DK/DK]; P.O. Box 407, Bøge Allé 10-12, DK-2970 Hørsholm (DK).

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

(72, 75) SUHR-JESSEN, Peter [DK/DK]; Mosegaard Park 25, DK-3500 Værløse (DK). MØRK JENSEN, Merete [DK/DK]; Nygaardterraserne 299 F, DK-3520 Farum (DK).

(74) CHR. HANSEN A/S; Attn: Carsten Midskov, P.O. Box 407, Bøge Allé 10-12, DK-2970 Hørsholm (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).

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)

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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 A23K 1/00, 1/18, 1/16

(11) WO 2004/095940 (13) A1

(21) PCT/GB2004/001724

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309453.9 25 Apr/avr 2003 GB (25.04.2003)

(30) 0310521.0 8 May/mai 2003 GB (08.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIOMASS CONTAINING ANIMAL FEED

• ALIMENTS POUR ANIMAUX CONTENANT DE LA BIOMASSE

(71) THE UNIVERSITY OF NEWCASTLE [GB/GB]; 6 Kensington Terrace, Jesmond, Newcastle Upon Tyne NE1 7RU (GB).

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

(72, 75) EDWARDS, Sandra [GB/GB]; The University of Newcastle, School of Agriculture, Food and Rural Development, King George VI Building, Newcastle Upon Tyne NE1 7RU (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

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

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

Published / Publiée : (c)

(51)⁷ A23K 1/00, 1/18

(11) WO 2004/095941 (13) A1

(21) PCT/US2004/013190

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/465.942 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR FORMULATION OF MICROBIAL FEED ADDITIVES WITH FEED

• PREPARATION D'ADDITIFS ALIMENTAIRES MICROBIENS DANS L'ALIMENTATION ANIMALE

(71) ALPHARMA, INC. [US/US]; One Executive Drive, Fort Lee, NJ 07024 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUERINO, Frank [US/US]; 3 Brandy Place, Monroe Township, NJ 08831 (US). HOLMES, Steven [GB/US]; 4 Corinth Court, Tinley Park, IL 60477 (US). SKINNER, James [US/US]; 1400 Shannon Circle, Sevierville, TN 37862 (US). YATES, David [US/US]; 3502 Kensington Place, Amarillo, TX 79121 (US).

(74) LEAH, Reimer, M.; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/095942 (13) A2

(21) PCT/DE2004/000843

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 20 049.5 30 Apr/avr 2003 DE (30.04.2003)

(30) 103 39 864.3 26 Aug/août 2003 DE (26.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAFFEINATED TABLET

• COMPRIME CONTENANT DE LA CAFFEINE

(71) IPC PROZESS CENTER GMBH & CO. [DE/DE]; Grunaer Weg 26, 01277 Dresden (DE).

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

(72, 75) EICHLER, Klaus [DE/DE]; Ausserdorf 14, 79429 Malsburg-Marzell (DE). KEMPE, Wolfgang [DE/DE]; Hainbuchen Strasse 18, 01169 Dresden (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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/095943 (13) A2

(21) PCT/NL2004/000291

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03076301.5 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSLUCENT FOOD

• ALIMENTS TRANSLUCIDES

(71) COÖPERATIEVE VERKOOP- EN PRO-
DUCTIE- VERENIGING VAN AARDAP-
PELMEEL EN DERIVATEN AVEBE B.A.
[NL/NL]; Beneden Oosterdiep 27, NL-9641
JA Veendam (NL).

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

(72, 75) SEMEIJN, Cindy [NL/NL]; Hanck-
emaborg 39, NL-9722 WD Groningen
(NL). CHEN, Zhenghong [CN/NL];
p/a Avebe-weg 1, NL-9607 PT Foxhol
(NL). SCHOOLS, Henk, Arie [NL/NL];
Hazekamp 2b, NL-6707 HG Wageningen
(NL). BUWALDA, Pieter, Lykle [NL/NL];
Mondriaanstraat 32, NL-9718 MJ Groningen
(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 A23L

(11) WO 2004/095944 (13) A2

(21) PCT/US2004/010460

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/423,323 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH LACTOSE INFANT NUTRITION
FORMULA

• FORMULE NUTRITIONNELLE POUR
BÉBÉS À HAUTE TENEUR EN LAC-
TOSE

(71) ABBOTT LABORATORIES [US/US];
100 Abbott Park Road, D377 AP6A1, Abbott
Park, IL 60064 (US).

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

(72) AUESTAD, Nancy; 348 Green Mead-
ows Drive West, Powell, OH 43065 (US).
BOILEAU, Amy, C.; 1920 Audubon Park
Drive, Springfield, OH 45504 (US). JA-
COBS, Joan, R.; 950 Evening Street,
Worthington, OH 43085 (US). MERRITT,
Russell, J.; 151 S. Parkview Avenue, Colum-
bus, OH 43209 (US).

(74) WINTER, William, J. et al. / etc.; Ross
Products Division, Abbott Laboratories, 625
Cleveland Avenue, DS/108140, Columbus,
OH 43215 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/095945 (13) A2

(21) PCT/US2004/012523

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,295 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CELERY PRODUCT

• PRODUIT A BASE DE CELERI

(71) A. DUDA & SONS, INC. [US/US]; 1975 W.
State Road 426, P.O. Box 620257, Oviedo, FL
32762-0257 (US).

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

(72) DUDA, Darrell, L.; Rt. 32 Box 4540, Mis-
sion, TX 78574 (US). PIERCE, Lawrence,
K.; 800 Seely Avenue, Aromas, CA 95004
(US).

(74) STREIT, Richard, J.; Ladass & Parry, 224 S.
Michigan Avenue, Chicago, IL 60604 (US).

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

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

(51)⁷ A23L 1/00

(11) WO 2004/095946 (13) A2

(21) PCT/US2004/010441

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/422,296 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEDICAL FOOD TABLETS CONTAIN-
ING FREE AMINO ACIDS

• COMPRIMES NUTRICEUTIQUES
CONTENANT DES ACIDES AMINES
LIBRES

(71) ABBOTT LABORATORIES [US/US]; 100
ABBOTT PARK ROAD, D377 AP6A1, AB-
BOTT PARK, IL 60064 (US).

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

(72) MAZER, Terrence, B; 6897 Roundelay
Road North, Reynoldsburg, OH 43068 (US).
MACHIO, Amy; 6530 Condit Road, Cen-
terburg, OH 43011 (US). ACOSTA, Phyllis;
1287 Gem Stone Square West, Westerville,
OH 43081 (US).

(74) WINTER, William, J. et al. / etc.; Ross
Products Division, Abbott Laboratories, 625
Cleveland Avenue, DS/108140, Columbus,
OH 43215 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/10, 1/20, 1/305

(11) WO 2004/095947 (13) A1

(21) PCT/IN2003/000092

(22) 27 Apr/avr 2003 (27.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SOY BASED COMPOSITION USE-
FUL AS SUPPLEMENTARY FOOD AND
A PROCESS FOR PREPARING THE
SAME

• COMPOSITION A BASE DE SOJA
UTILISEE COMME COMPLEMENT
ALIMENTAIRE ET PROCEDE DE PRE-
PARATION

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

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

(72, 75) SINGH, Sridevi, Annapurna [IN/IN];
Central Food Technology Research Insti-
tute, Mysore, Karnataka 570 013 (IN).
KANYA, Tirumakudalu, Chikkaraja,
Sindhu [IN/IN]; Central Food Technological
Research Institute, Mysore, Karnataka 570
013 (IN). TIKU, Purnima, Kaul [IN/IN];
Central Food Technological Research In-
stitute, Mysore, Karnataka 570 013 (IN).

SWAMYLINGAPPA, Bhagya [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **RAO, Appu, Rao, Gopala, Rao, Appu** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **PRAKASH, Vishweshwariah** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) **GOPALAN, Deepak, Srinivas; Kumaran & Sagar**, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

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

Declaration / Déclaration :

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

(51)⁷ A23L 1/187

(11) WO 2004/095948 (13) A1

(21) PCT/ES2004/070025

(22) 27 Apr/avr 2004 (27.04.2004)

(25) es (26) es

(30) P200300998 30 Apr/avr 2003 ES (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREPARING A CHEESE FLAN

• PROCEDE DE PREPARATION D'UN FLAN AU FROMAGE

(71) **DELICATESSEN LA ERMITA, S.L.** [ES/ES]; Ctra. Nacional 634, Km.- 40, E-39591 Casar de Periedo (Cantabria) (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALMON GARCIA DE LOS SALMONES, Cándido** [ES/ES]; Ctra. Nacional, 634 Km.- 40, E-39591 Casar de Periedo (Cantabria) (ES).

(74) **URIZAR ANASAGASTI, Jesús María**; Pº de la Castellana, 72-1º, E-28046 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 A23L 1/212

(11) WO 2004/095949 (13) A1

(21) PCT/KR2004/000993

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10-2003-0027406 30 Apr/avr 2003 KR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FERMENTED RED GINSENG COMPRISING METABOLITES OF GINSENG SAPONINS BY THE ACTION OF HUMAN INTESTINAL BACTERIA AND THE PREPARATION METHOD THEREOF

• GINSENG ROUGE FERMENTE COMPRENANT DES METABOLITES DE SAPONINES DE GINSENG ACTIVES SOUS L'ACTION D'UNE BACTERIE INTESTINALE HUMAINE ET METHODE DE PREPARATION CORRESPONDANTE

(71, 72) **KIM, Jae Baeg** [KR/KR]; 101-1202 Hyundai Apt., 2-1, Mohyeon1ga-dong Iksan-si, Jeollabuk-do 570-091 (KR). **HASEGAWA, Hideo** [JP/JP]; 1-30-15, Motohongo, Hachioji, Tokyo 192-0051 (JP).

(72, 75) **KIM, Hye Ju** [KR/KR]; Sindong-ri, 827, Chunpo-myeon, Iksan-si, Jeollabuk-do 570-952 (KR).

(74) **SHIN, Dong In**; 304, Dukam Building 1457-2, Seocho3-dong, Seoch-gu, Seoul 137-867 (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 A23L 1/221

(11) WO 2004/095950 (13) A1

(21) PCT/KR2004/000436

(22) 28 Feb/fév 2004 (28.02.2004)

(25) ko (26) en

(30) 10-2003-0026706 28 Apr/avr 2003 KR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESSING METHOD FOR GARLIC
• PROCEDE DE TRAITEMENT DE L'AIL

(71, 72) **SHIN, Woong-Shik** [KR/KR]; 109-303 Hyundai Apt., 433 Apgujeong-dong, Gangnam-gu, Seoul 135-110 (KR). **JEONG, Kwang-Hwan** [KR/KR]; 103-208 Tanbang Jugong Apt., Tanbang-dong, Seo-gu, Daejeon 302-780 (KR).

(74) **ROH, Jae-Chull**; WAY with ROH Patent & Law Office, 6F., Seil Building, #727-13, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

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

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

(51)⁷ A23L 1/30, 1/305, A61K 35/78

(11) WO 2004/095951 (13) A2

(21) PCT/IB2004/001180

(22) 20 Apr/avr 2004 (20.04.2004)

(25) it (26) en

(30) MI2003A00862 29 Apr/avr 2003 IT (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FOOD PRODUCTS COMPRISING NATURAL EXTRACTS OR FRAGRANCES OF PLANTS TOGETHER WITH AMINOACIDS AND USE THEREOF FOR FIGHTING SMOKE ADDICTION

• PRODUITS ALIMENTAIRES RENFERMANT DES EXTRAITS NATURELS OU DES PARFUMS DE PLANTES CONJOINTEMENT AVEC DES AMINOACIDES ET LEUR UTILISATION POUR LUTTER CONTRE LE TABAGISME

(71) **ECCE OMNIBUS SANITAS - S.R.L. IN FORMA ABBREVIATA EOS** [IT/IT]; Via Boezio, 16, I-00192 Roma (IT).

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

(72, 75) **ROTHLIN, Ursula, Mariah** [CH/IT]; Largo Amilcar Ponchielli, 6, I-Roma (IT).

(74) **MARGUTTI, Roberto**; Bugnion S.p.A., Viale Lancetti, 17, I-20158 Milano (IT).

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

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

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

(51)⁷ A23L 2/52, 2/02, 2/385, 2/54, A23C 9/158

(11) WO 2004/095952 (13) A1

(21) PCT/US2004/012077

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/466,265 29 Apr/avr 2003 US (29.04.2003)

(30) 10/788,795 27 Feb/fév 2004 US (27.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BEVERAGES CONTAINING WATER-SOLUBLE VITAMIN E

• BOISSONS CONTENANT DE LA VITAMINE E HYDROSOLUBLE

(71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) COOK, Phillip, Michael; 231 Saddle Ridge Drive, Kingsport, TN 37664 (US).

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

Published / Publiée : (c)

(51)⁷ A23L 3/30, 3/28, 3/3409, 3/358, A23B 7/015, 7/144, 7/157

(11) WO 2004/095953 (13) A2

(21) PCT/CH2004/000253

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 741/03 25 Apr/avr 2003 CH (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND EQUIPMENT EMBODIMENT FOR DISINFECTION AND PRESERVATION OF FOODSTUFFS AND OTHER PRODUCTS BY MEANS OF O₃, O₂, CO₂, ARGON, UV-C LIGHT AND ULTRASOUND IN VACUO

• PROCEDE ET FORME DE REALISATION TECHNIQUE POUR LA DESINFECTION ET LA CONSERVATION D'ALIMENTS ET D'AUTRES PRODUITS A L'O<SB>3</SB>, A L'O<SB>2</SB>, AU CO<SB>2</SB>, A L'ARGON, A LA LUMIERE UV-C ET PAR ULTRASON SOUS VIDE

(71, 72) STEFFEN, Hanspeter [CH/CH]; Lindenstrasse 39, CH-3427 Utzenstorf (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).

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 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 A23N 12/02, B08B 3/04, B65G 49/04

(11) WO 2004/095954 (13) A1

(21) PCT/NZ2004/000074

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 525525 28 Apr/avr 2003 NZ (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MATERIAL IMMERSION APPARATUS
• APPAREIL PERMETTANT D'IMMERGER UNE MATIÈRE

(71) FRESH APPEAL LIMITED [NZ/NZ]; 227 Jericho Road, Pukekohe, Auckland, 1009 (NZ).

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

(72, 75) EVANS, Lionel, Gordon [NZ/NZ]; 227 Jericho Road, Pukekohe, Auckland, 1009 (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington, 6015 (NZ).

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

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

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

(51)⁷ A24B 15/16

(11) WO 2004/095955 (13) A1

(21) PCT/CN2004/000182

(22) 8 Mar/mar 2004 (08.03.2004)

(25) zh (26) zh

(30) 03111582.9 29 Apr/avr 2003 CN (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A NON-SMOKABLE ELECTRONIC SPRAY CIGARETTE

• CIGARETTE SANS FUMEE A PULVERISATION ELECTRONIQUE

(71) BEST PARTNERS WORLDWIDE LIMITED; Beaufort House, P.O. Box 438, Road Town, Tortola (VG).

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

(72, 75) HON, Lik [CN/CN]; Room 1010-12, 10/F., West Tower, Shun Tak Centre, 168-200, Connaught Road Central, Hong Kong (CN).

(74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD; 15/F., Block B, Tsinghua Tongfan Hi-Tech Plaza, No.1 Wangzhuang Rd., Haidain 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).

(51)⁷ A24C 5/34, B65B 19/28

(11) WO 2004/095956 (13) A1

(21) PCT/BR2003/000198

(22) 18 Dec/déc 2003 (18.12.2003)

(25) en (26) en

(30) PI0301064-3 25 Apr/avr 2003 BR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A MACHINE FOR OPENING CIGARETTE PACKS AND INSPECTING CIGARETTES

• MACHINE PERMETTANT D'OUVRIR DES PAQUETS DE CIGARETTES ET D'EXAMINER DES CIGARETTES

(71) SOUZA CRUZ S.A. [BR/BR]; Rua da Candelária, 66, Centro, 20091-020 Rio de Janeiro - RJ (BR).

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

(72, 75) VILLARINHO, Ricardo [BR/BR]; Rua Cel. Paulo Malta Resende 175/905, Barra da Tijuca, 22631-037 Rio de Janeiro (BR).

(74) MOMSEN, LEONARDOS & CIA.; Mr. Gustavo José F. Barbosa, Rua Teófilo Otoni

63, 10th floor, 20090-080 Rio de Janeiro RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A24C 5/47, A24D 3/02, A24C 5/24

(11) WO 2004/095957 (13) A2

(21) PCT/GB2004/001833

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310034.4 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS RELATING TO MATERIAL APPLICATION TO ROD WRAPPERS

• AMELIORATIONS RELATIVES A L'APPLICATION D'UNE MATIERE SUR DES CAPES DE BOUDINS

(71) BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED [GB/GB]; Globe House, 1 Water Street, London WC2R 3LA (GB).

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

(72, 75) BRAY, Andrew, Jonathan [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB). LEWIS, William, David [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB). HOLFORD, Steven [GB/GB]; British American Tobacco R & D Centre, Regents Park Road, Southampton SO15 8TL (GB).

(74) PILCH, Adam, John, Michael 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).

(51)⁷ A24F 15/18, 19/14

(11) WO 2004/095958 (13) A1

(21) PCT/EP2003/009471

(22) 27 Aug/août 2003 (27.08.2003)

(25) de (26) de

(30) 203 06 908.0 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBINATION OF CONTAINER FOR PRODUCING TOBACCO

• COMBINAISON DE CONTENANTS POUR PRODUITS DU TABAC

(71, 72) HÜSSELMANN, Wilhelm [DE/DE]; Lüderitz-Strasse 35, 45473 Mülheim an der Ruhr (DE).

(74) SCHMIDT, Frank-Michael et al. / etc.; Zenz, Helber, Hosbach & Partner, Huysse-nallee 58-64, 45128 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 A24F 23/00 // B65D 9/08, 83/04

(11) WO 2004/095959 (13) A1

(21) PCT/SE2004/000645

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301244-0 29 Apr/avr 2003 SE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ORAL SNUFF PRODUCT AND METHOD FOR PRODUCING THE SAME

• PRODUIT TABAC SANS FUMEE ORAL ET SON PROCÉDE DE PRODUCTION

(71) SWEDISH MATCH NORTH EUROPE AB [SE/SE]; S-118 85 STOCKHOLM (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARNARP, Jan [SE/SE]; Fatburs Brunnsgatan 13, S-118 28 STOCKHOLM (SE). HODIN, Fredrik [SE/SE]; Fjärilstigen 83, S-144 42 RÖNNINGE (SE). LUNDIN, Jörgen [SE/SE]; Dragonvägen 26, S-194 33 UPPLANDS VÄSBY (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 A41D

(11) WO 2004/095960 (13) A2

(21) PCT/US2004/009084

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/422,382 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VENTABLE SKI HAT AND METHOD OF MANUFACTURE THEREOF

• BONNET DE SKI POUVANT ETRE VENTILE ET SON PROCÉDE DE FABRICATION

(71, 72) EARLY, Christopher, A. [US/US]; 1 Rochester Court, Algonquin, IL 60102 (US).

(74) MERONI, Charles, F., Jr.; P.O. Box 309, Barrington, IL 60011 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/24, D05B 27/10, B29C 53/36, 65/50

(11) WO 2004/095961 (13) A1

(21) PCT/GB2004/001871

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309904.1 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEMMING MACHINE

• MACHINE A OURLER

(71) A D TURNER LIMITED [GB/GB]; 53 Iliffe Avenue, Oadby Industrial Estate, Oadby, Leicester LE2 5LH (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TURNER, Anthony, David [GB/GB]; A D Turner Limited, 53 Iliffe Avenue, Oadby Industrial Estate, Oadby, Leicester LE2 5LH (GB).

(74) DEALTRY, Brian; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

Published / Publiée : (c)

(51)⁷ A41F 1/00, A43C 11/00, A44B 1/04, 11/25, 17/00

(11) WO 2004/095962 (13) A1

(21) PCT/US2003/037376

(22) 22 Nov/nov 2003 (22.11.2003)

(25) en (26) en

(30) 10/423,152 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SAFETY GUARD FOR SEAT BELT BUCKLE RELEASE

- SYSTEME DE SECURITE POUR LE DEVERROUILLAGE DE LA BOUCLE DE CEINTURE DE SECURITE

(71, 72) MEAL, Patricia, L. [US/US]; 4547 Pine Tree DR, St. Cloud, FL 34769 (US).

(74) MEEKER, Donald, W.; 942 East Ocean Front #E, Newport Beach, CA 92661 (US).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE GH GM HR HU ID IL IN IS JP KE KP KR LC LK LR LS LT LV MA MG MK MN MW MX MZ NO NZ OM PH PL RO SD SG SL TN TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A42B 1/06, 1/00, G02C 1/00, 3/00

(11) WO 2004/095963 (13) A1

(21) PCT/US2003/026517

(22) 25 Aug/août 2003 (25.08.2003)

(25) en (26) en

(30) 10/406,879 3 Apr/avr 2003 US (03.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAP HAVING VERSATILE SUNGLASS RETAINER AND SUNGLASS RETAINING METHOD

- CASQUETTE MUNIE D'UN SYSTEME DE RETENUE POLYVALENT POUR LUNETTES DE SOLEIL ET PROCEDE DE RETENUE DE LUNETTES DE SOLEIL

(71, 72) YAN, Suen, Ching [CN/US]; 17145 Margay Avenue, Carson, CA 90746 (US).

(74) CISLO, Donald M. Esq; Cislo & Thomas LLP, 233 Wilshire Boulevard, Suite 900, Santa Monica, CA 90401-1211 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ A43D 3/02, 3/10

(11) WO 2004/095964 (13) A1

(21) PCT/FR2004/001001

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 03/05123 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-PART LAST FOR MANUFACTURING SHOES

- FORME EN PLUSIEURS PARTIES POUR LA FABRICATION DE CHAUSURES

(71) ETABLISSEMENTS ACTIS [FR/FR]; 390, route de Virieu, F-38730 LE PIN (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLANC, Roger [FR/FR]; Route de Virieu, F-38730 LE PIN (FR).

(74) CABINET GERMAIN & MAUREAU; B.P. 6153, F-69466 Lyon Cedex 06 (FR).

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

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

Published / Publiée : (c)

(51)⁷ A43D 29/00, 8/02, B26D 5/16, C14B 5/00

(11) WO 2004/095965 (13) A1

(21) PCT/IT2004/000235

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) FI2003 A 000126 2 May/mai 2003 IT (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MACHINE FOR CUTTING BOARDS, NATURAL LEATHER, RECLAIMED LEATHER, SYNTHETIC AND PLASTIC MATERIALS, FOR PRODUCING SEMI-FINISHED PRODUCTS FOR FOOTWEAR AND THE LIKE

- MACHINE DE DECOUPE DE PANNEAUX, DE CUIR NATUREL, DE CUIR RECUPERE, DE MATERIAUX

SYNTHETIQUES ET PLASTIQUES, UTILE POUR PRODUIRE DES PRODUITS SEMI-FINIS DESTINES A DES ARTICLES CHAUSSENTS ET AUTRES

(71) MA-MECC S.R.L. [IT/IT]; Viale C. Colombo 14, I-50054 Fucecchio (IT).

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

(72, 75) BELLAGAMBA, Fabrizio [IT/IT]; Via della Nardella 9, I-50054 Fucecchio (IT).
BIANCHI, Carlo [IT/IT]; Via di Faltognano 109, I-50059 Vinci (IT).

(74) MANNUCCI, Michele et al. / etc.; Uff. Tecn. Ing. A. Mannucci S.r.l., Via della Scala 4, I-50123 Firenze (IT).

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

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

(51)⁷ A44B 17/00

(11) WO 2004/095966 (13) A1

(21) PCT/EP2004/004617

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 20 593.4 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SNAP FASTENER CONNECTION
• LIAISON PAR BOUTON-PRESSION

(71, 72) HIRDES, Rüdiger [DE/DE]; Kleinerherbeder Strasse 9a, 58455 Witten (DE).

(74) EICHELBAUM, Lambert; Krüppelchen 6, 45659 Recklinghausen (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 A44B 17/00

(11) WO 2004/095967 (13) A1

(21) PCT/EP2004/004618

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

- (30) 103 20 596.9 **2 May/mai 2003** DE
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PRESS STUD CONNECTION FOR THE DETACHABLE COUPLING OF AN ACTUATING BUTTON BY A PROJECTION OF A PATRUX PART
- CONNEXION DE BOUTON-POUSOIR POUR ACCOUPLEMENT AMOVIBLE D'UN BOUTON DE COMMANDE AVEC UN PROLONGEMENT D'UNE PARTIE DE MOULE MALE
- (71, 72) HIRDES, Rüdiger [DE/DE]; Kleinherbder Strasse 9a, 58455 Witten (DE).
- (74) EICHELBAUM, Lambert; Krüppelchen 6, 45659 Recklinghausen (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 :

(u) for / pour US only / seulement

- (51)⁷ **A44B 21/00**
- (11) **WO 2004/095968** (13) A1
- (21) PCT/KR2003/001131
- (22) **9 Jun/juin 2003 (09.06.2003)**
- (25) en (26) en
- (30) 20-2003-0013537 **30 Apr/avr 2003** KR
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FIXING DEVICE FOR LACE
- DISPOSITIF DE FIXATION POUR LACE
- (71, 72) KIM, Hyun-Soo [KR/KR]; 592, Saengcheol-Ri, Saengrim-Myeon, Kimhae, Kyeongnam-Do 621-823 (KR).
- (74) KIM, Young-Ok; 1242-7, Yeonsan 5-Dong, Yeonje-Gu, Busan 611-085 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **A44C 9/00, 1/00, 5/00, 7/00, 25/00**
- (11) **WO 2004/095969** (13) A1
- (21) PCT/JP2003/005637
- (22) **2 May/mai 2003 (02.05.2003)**
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANNULAR ORNAMENT
- ORNEMENT ANNULAIRE
- (71, 72) HIRATA, Ken [JP/JP]; c/o Freewheel Inc., Room 212, Osaka Norinkaikan Bldg., 2-6, Minamisenba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).
- (74) ICHIKAWA, Tsunehiko; 7th Floor, Yachiyo Bldg. Minamikan, 1-25, Minami-mori-machi 1-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/02, 27/00**

- (11) **WO 2004/095970** (13) A1
- (21) PCT/US2003/011615
- (22) **14 Apr/avr 2003 (14.04.2003)**
- (25) en (26) en
- (30) 10/403,909 **27 Mar/mar 2003** US
(27.03.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ARTICLE OF JEWELRY
- ARTICLE DE BIJOUTERIE
- (71) SELECT JEWELRY, INC. [US/US]; 37-02 48th Avenue, Long Island City, NY 11101 (US).
- (72) SELIKTAR, Ronen; c/o Select Jewelry, Inc., 37-02 48th Avenue, Long Island City, NY 11101 (US).
- (74) DUJMICH, Louis, C. et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/02, 13/42**
- (11) **WO 2004/095971** (13) A1
- (21) PCT/EP2004/004421
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) de (26) de
- (30) 203 06 647.2 **28 Apr/avr 2003** DE
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SUITCASE
- VALISE
- (71) RIMOWA KOFFERFABRIK GMBH [DE/DE]; Mathias-Brüggen-Str. 118, 50829 Köln (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORSZECK, Dieter [DE/DE]; Schefelfstr. 21, 50935 Köln (DE).
- (74) DALLMEYER, Georg et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/08, 4/18**

- (11) **WO 2004/095972** (13) A1
- (21) PCT/JP2004/005206
- (22) **12 Apr/avr 2004 (12.04.2004)**
- (25) ja (26) ja
- (30) 2003-112814 **17 Apr/avr 2003** JP
(17.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HAIR CURLER, HAIR WAVE DEVICE USING THE SAME, AND HAIR WAVING TECHNIQUE APPLYING METHOD USING SUCH DEVICE
- BIGOUDI, DISPOSITIF D'ONDULATION DES CHEVEUX UTILISANT CE DERNIER ET PROCEDE D'ONDULATION DES CHEVEUX A L'AIDE DUDIT DISPOSITIF
- (71) FUJI COMPANY LIMITED [JP/JP]; 5-28, Shinmachi, Sakai-shi, Osaka, 5900079 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Yasue [JP/JP]; c/o Fuji Company Limited, 5-28, Shinmachi, Sakai-shi, Osaka, 5900079 (JP).
- (74) ITAMI, Kenji; Daisan Bldg., 2-4, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka, 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

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

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

Published / Publiée : (c)

(51)⁷ A45D 26/00

(11) WO 2004/095973 (13) A1

(21) PCT/EP2004/003900

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 749.9 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EPILATION HEAD FOR AN EPILA-
TION DEVICE

• TETE D'EPILATION POUR UN EPILA-
TEUR

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

(72, 75) DORBER, Ralf [DE/DE]; Grenzweg 3,
61440 Oberursel (DE). SANCHEZ-MAR-
TINEZ, Pedro [ES/DE]; Erlenweg 1, 61476
Kronberg (DE).

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

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

Published / Publiée : (c)

(51)⁷ A45D 26/00

(11) WO 2004/095974 (13) A2

(21) PCT/FR2004/001004

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 03/05075 24 Apr/avr 2003 FR
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FORMING EPILATING FOR-
CEPS

• DISPOSITIF FORMANT PINCE A EPI-
LER

(71, 72) HOPPENOT, Hervé [FR/FR]; 15, rue
Sextius Michel, F-75015 Paris (FR).

(74) DE LA BIGNE, Guillaume; Cabinet Lher-
met La Bigne & Rémy, 191, rue Saint-Hon-
oré, F-75001 Paris (FR).

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

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

(51)⁷ A45D 26/00

(11) WO 2004/095975 (13) A1

(21) PCT/IB2004/050554

(22) 29 Apr/avr 2004 (29.04.2004)

(25) it (26) en

(30) RM2003A000206 29 Apr/avr 2003 IT
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEPIATING APPARATUS AND
METHOD THEREFOR

• EPILEUR ET SON PROCÉDE

(71) AXOMED DI FRANCO ULARGIU
[IT/IT]; Via Brigata Sassari, 75, I-07100
Sassari (IT).

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

(72, 75) ULARGIU, Franco [IT/IT]; c/o Ax-
omed di Franco Ulargiu Via Brigata, Sassari,
75, I-07100 Sassari (IT).

(74) IACOBELLI, Daniele et al. / etc.; Società
Italiana Brevetti S.p.A., Piazza di Pietra 39,
I-00186 Roma (IT).

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

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

Published / Publiée : (c)

(51)⁷ A45D 34/04

(11) WO 2004/095976 (13) A1

(21) PCT/US2003/009953

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SLENDER CONTAINER

• RECIPIENT MINCE

(71, 72) TSAUR, Garry [US/US]; 19222 Tran-
barger Street, Rowland Heights, CA 91748
(US).

(74) NIEH, Joe; Law Offices of Joe Nieh, 18760
E. Amar Road, #204, Walnut, CA 91789
(US).

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les
désignations

(s) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ A45F 3/10

(11) WO 2004/095977 (13) A1

(21) PCT/CA2004/000618

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 2,426,927 25 Apr/avr 2003 CA
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BACKPACK ADAPTER

• ADAPTATEUR DORSAL

(71) WILDFIRE, A DIVISION OF ANSUL
CANADA LTD. [CA/CA]; 1100 Rue Nor-
man Suite 200, Lachine, Quebec H8S 1A6
(CA).

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

(72, 75) MOSKUN, Peter [CA/CA]; 66
Churchill Road, Baie d'Urfe, Quebec H9X
3M8 (CA).

(74) ROBIC; Leger Robic Richard, CDP Capital
Center, 1001, Victoria Square, Bloc E - 8th
Floor, Montreal, Quebec H2Z 2B7 (CA).

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

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

(51)⁷ A45F 3/22, A47G 9/08

(11) WO 2004/095978 (13) A1

(21) PCT/EP2004/004596

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 03 009 983.2 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUSPENDED SLEEPING BAG
• SAC DE COUCHAGE A SUSPENDRE(71, 72) BRENNER, Rainer [DE/DE];
Karl-Danner-Strasse 30, 97340 Segnitz
(DE).(72, 75) SINGLER, Ralph [DE/DE]; Al-
tenbergstr. 25, 97340 Marktbreit (DE).(74) KÜCHLER, Stefan, T.; Färberstrasse 20,
90402 Nürnberg (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 the following designation / pour la
designation suivante : US(51)⁷ A46B 11/00

(11) WO 2004/095979 (13) A1

(21) PCT/EP2004/004031

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 753.7 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR DISPENSING AT LEAST
ONE WATER-SOLUBLE ACTIVE SUB-
STANCE TO A CLEANING BRUSH
• DISPOSITIF D'APPORT D'AU MOINS
UNE SUBSTANCE ACTIVE HYDRO-
SOLUBLE SUR UNE BROSE DE
NETTOYAGE(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JANSCHUK, Theo [DE/DE]; Hein-
rich-Könn-Strasse 36, 40625 Düsseldorf
(DE). MÜHLHAUSEN, Hans-Georg
[DE/DE]; Schimmelpfennigstrasse 61, 40597
Düsseldorf (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TMTN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 A47B

(11) WO 2004/095980 (13) A2

(21) PCT/US2004/013065

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,996 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HANGER STRIPS FOR MOUNTING
ITEMS
• BANDE DE DISPOSITIFS DE SUSPEN-
SION POUR MONTER DES ARTICLES(72, 75) JACKSON, Trevor [—/US]; 8562
Palomino Trail, Kirtland, OH 44094 (US).
RINEY, Brenda [—/US]; 3766 Tanglewood
Drive, Springdale, AR 72764-1179 (US).(74) DOBREA, Diane, H.; Calfee, Halter & Gris-
wold, 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47B 57/42, 57/56, 96/06

(11) WO 2004/095981 (13) A1

(21) PCT/GB2004/001903

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 0310199.5 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FITTING FOR USE WITH SLOTTED
UPRIGHT
• TASSEAU DESTINE A ETRE UTILISE
AVEC UN MONTANT A FENTES(71) CIL INTERNATIONAL LIMITED
[GB/GB]; Fonthill Road, London N4 3HN
(GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LAWLER, Jason [GB/GB]; c/o CIL In-
ternational Limited, Fonthill Road, London
N4 3HN (GB).(74) GREY, Ian et al. / etc.; Venner Shipley LLP,
20 Little Britain, London EC1A 7DH (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ A47B 96/00

(11) WO 2004/095982 (13) A1

(21) PCT/KR2003/001114

(22) 5 Jun/juin 2003 (05.06.2003)

(25) en (26) en

(30) 20-2003-0013350 29 Apr/avr 2003 KR
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DOOR DAMPER
• AMORTISSEUR POUR PORTE(71) MOONJU HARDWARE CO., LTD
[KR/KR]; 623-2(Namdong Industrial
Complex 10B-3L), Namchon-Dong, Nam-
dong-Gu, 405-846 Incheon (KR).(72) KIM, Jae-Hong; 367-18 Hwagok-Dong,
Gangseo-Gu, 157-010 Seoul (KR).(74) LEE, Woo-Gwon; 2nd Fl., Namsung Bldg.
1474-12 sillim 11-dong, Gwanak-Gu, Seoul
151-894 (KR).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ A47B 96/06, F16M 13/02

(11) WO 2004/095983 (13) A1

(21) PCT/AU2004/000510

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 2003902030 29 Apr/avr 2003 AU
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPPORT BRACKET
• SUPPORT(71) CABLESTIK PTY LTD [AU/AU]; 12 Kyla
Street, Alstonville, New South Wales 2477
(AU).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NANKERVIS, Peter, Bruce [AU/AU];
12 Kyla Street, Alstonville, New South Wales
2477 (AU).

(74) **SMEETON, Anthony, Richard** et al. / etc.; Davies Collision Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

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

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

(51)⁷ A47C 1/032, 7/42

(11) WO 2004/095984 (13) A2

(21) PCT/EP2004/004323

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 759.6 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHAIR, IN PARTICULAR AN OFFICE CHAIR PROVIDED WITH A SYNCHRONOUS MECHANISM

• SIEGE, NOTAMMENT SIEGE DE BUREAU COMPORTANT UN MECANISME SYNCHRON

(71, 72) **SANDER, Armin** [DE/DE]; Hochstrasse 15a, 90429 Nürnberg (DE).

(72, 75) **SCHMIDT, Christopher** [DE/DE]; Johannisstrasse 75, 90419 Nürnberg (DE).

(74) **TERGAU & POHL**; Mögeldorf Hauptstrasse 51, 90482 Nürnberg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/12, 7/56, 1/16, 7/54

(11) WO 2004/095985 (13) A1

(21) PCT/ES2003/000602

(22) 26 Nov/nov 2003 (26.11.2003)

(25) es (26) es

(30) P200300973 29 Apr/avr 2003 ES (29.04.2003)

(30) P200302437 20 Oct/oct 2003 ES (20.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PRODUCING ARM-CHAIR SIDE PANELS AND SIDE PANELS THUS PRODUCED

• PROCEDE DE PRODUCTION DE PANNEAUX LATÉRAUX DE FAUTEUILS ET PANNEAUX LATÉRAUX AINSI OBTENUS

(71) **EURO SEATING INTERNATIONAL, S.A.** [ES/ES]; Polígono Industrial EL RAM, 11, 26280 EZCARAY (La Rioja) (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBREDO ALTUZARRA, Gonzalo** [ES/ES]; Polígono Industrial EL RAM, 11, 26280 Ezcaray (La Rioja) (ES).

(74) **CARPINTERO LÓPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 35, 28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A47C 7/74, B60N 2/56

(11) WO 2004/095986 (13) A1

(21) PCT/EP2004/004251

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 19 048.1 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AIR-CONDITIONING INSERT

• GARNITURE POUR CLIMATISATION

(71) **W.E.T. AUTOMOTIVE SYSTEMS AG** [DE/DE]; Rudolf-Diesel-Strasse 12, 85235 Odelzhausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SCHEURING, Bernhard** [DE/DE]; Lilienweg 69, 71287 Weissach (DE).

(74) **MASER, Jochen**; Mammel und Maser, Tilsiter Strasse 3, 71065 Sindelfingen (DE).

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

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

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

Published / Publiée : (c)

(51)⁷ A47C 21/00

(11) WO 2004/095987 (13) A1

(21) PCT/US2004/010962

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/422,903 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RIGID FOLDABLE PORTABLE DIAPER CHANGING PAD

• TABLE A LANGER PORTABLE, PLIABLE ET RIGIDE

(71) **DIAPERBRIDGE PRODUCTS LLC** [US/US]; 11 Flanders Drive, Pine Brook, NJ (US).

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

(72) **STACKMAN, Lisa, Friedman**; 11 Flanders Drive, Pine Brook, NJ (US). **STACKMAN, Garrett, Lee**; 11 Flanders Drive, Pine Brook, NJ (US).

(74) **WASSON, Mitchell, B.**; Hoffman, Wasson & Gitler, P.C., 2461 South Clark Street, Crystal Center 2, Suite 522, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47G 7/08

(11) WO 2004/095988 (13) A2

(21) PCT/NL2004/000283

(22) 28 Apr/avr 2004 (28.04.2004)

(25) nl (26) en

(30) 1023286 28 Apr/avr 2003 NL (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR APPLYING A DECORATIVE PACKAGING, AND FLOWERPOT PROVIDED WITH SUCH A DECORATIVE PACKAGING

• PROCEDE ET APPAREIL PERMETTANT DE PLACER UN EMBALLAGE DECORATIF ET POT DE FLEURS DOTE D'UN TEL EMBALLAGE DECORATIF

(71, 72) **LANGEMAAT, Willem** [NL/NL]; Oosterdiep W.Z. 97, NL-7881 GP Emmer Compascuum (NL).

(74) **VAN BREDA, Jacques**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

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

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

(51)⁷ **A47G 25/48**

(11) **WO 2004/095989** (13) A1

(21) PCT/FR2004/000991

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) fr (26) fr

(30) 03/05127 **25 Apr/avr 2003 (25.04.2003)** FR

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **HANGER WITH CLIPS**
• CINTRE A PINCES

(71, 72) **SPILET, Philippe** [FR/FR]; 18, allée Claude Monet, F-92300 Levallois-Perret (FR).

(74) **COSTANTINI CONSULTANT**; 18, rue Rabelais, F-91800 Brunoy (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 **A47G 27/00**

(11) **WO 2004/095990** (13) A1

(21) PCT/KR2003/001194

(22) **19 Jun/juin 2003 (19.06.2003)**

(25) ko (26) en

(30) 10-2003-0027585 **30 Apr/avr 2003 (30.04.2003)** KR

(30) 10-2003-0027611 **30 Apr/avr 2003 (30.04.2003)** KR

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **APPARATUS FOR MANUFACTURING NON-SLIP SHEET FOR MAT AND IT'S THE USING SHEET**

• **APPAREIL POUR LA FABRICATION DE FEUILLE ANTIDERAPANTES POUR TAPIS ET SON UTILISATION**

(71, 72) **CHAE, Jong-Hee** [KR/KR]; 271-2, Kyeongsin-Ri, Nam-Myun, Yangju-Gun, Kyeonggi-Do 482-871 (KR). **KI, Ho-Bong** [KR/KR]; 271-2, Kyeongsin-Ri, Nam-Myun, Yangju-Gun, Kyeonggi-Do 482-871 (KR).

(74) **KIM, Jae-Wook et al.** / etc.; Samhomulsan Building B-1802, 275-6, Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).

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

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

(51)⁷ **A47J**

(11) **WO 2004/095991** (13) A2

(21) PCT/US2004/009133

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

(25) en (26) en

(30) 10/423,763 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **COFFEE GRINDER WITH REMOVABLE BIN**

• **MOULIN A CAFE AVEC BAC DEPOSABLE**

(71) **CONAIR CORPORATION** [US/US]; One Cummings Point Road, Stamford, CT 06902 (US).

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

(72, 75) **MULLE, Theodore, B.** [US/US]; 201 Aspetuck Ridge Road, New Milford, CT 06776 (US). **WANAT, David, J.** [US/US]; 37 Prann Court, Meriden, CT 06450 (US).

(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., Suite 903, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/095992** (13) A2

(21) PCT/US2004/009206

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

(25) en (26) en

(30) 10/423,833 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **ENCLOSURE FOR FOOD PROCESSOR**
• **ENVELOPPE POUR ROBOT CULINAIRE**

(71) **CONAIR CORPORATION** [US/US]; One Cummings Point Road, Stamford, CT 06902 (US).

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

(72, 75) **WANAT, David, J.** [US/US]; 37 Prann Court, Meriden, CT 06450 (US).

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

(51)⁷ **A47J 31/44, 31/40, F04B 43/12**

(11) **WO 2004/095993** (13) A1

(21) PCT/EP2004/050644

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) de (26) de

(30) 03405312.4 **2 May/mai 2003 (02.05.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **DEVICE FOR DISPENSING MILK AND/OR MILK FROTH**

• **DISPOSITIF POUR EXTRAIRE DU LAIT ET/OU DE LA MOUSSE DE LAIT**

(71) **M. SCHAEERER AG** [CH/CH]; Gewerbestrasse 15, CH-3302 Moosseedorf (CH).

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

(72, 75) **LÜSSI, André** [CH/CH]; Bimerweg 43, CH-3303 Jegenstorf (CH).

(74) **BOVARD AG**; Optingenstrasse 16, CH-3000 Bern 25 (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47J 36/00, 45/06, 27/00

(11) WO 2004/095994 (13) A1

(21) PCT/KR2004/000855

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 20-2003-0011597 15 Apr/avr 2003 KR
(15.04.2003)

(30) 20-2003-0037029 27 Nov/nov 2003 KR
(27.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • COOKING TEMPERATURE ALARM DEVICE FOR COOKING-DEVICE HANDLE

- DISPOSITIF D'ALARME DE TEMPERATURE DE CUISSON DESTINE A MANIPULER UN DISPOSITIF DE CUISSON

(71) NIPPON ALUMINIUM CO., LTD. [JP/JP]; 9-39, Mikunihonmach 3-chome, Yodogawa-ku, Osaka 532-8666 (JP).

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

(71, 72) KWEUN, Soon-Hee [KR/KR]; 430-841, Ga-202, Kumbo Villa, 873-22 Anyang-dong, Manan-gu, Anyang-si, Gyeonggi-do 430-841 (KR).

(74) KIM, Seong-Ki; 14F., Kukdong Building, 60-1, Chungmuro 3-ka, Chun, g-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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47J 37/08

(11) WO 2004/095995 (13) A1

(21) PCT/US2004/009134

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/425,026 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A TOASTER OVEN WITH AN IMPROVED TRAY TO FACILITATE REMOVAL OF BREADCRUMBS

- GRILLE-PAIN AVEC PLATEAU AMELIORE FACILITANT L'EVACUATION DES MIETTES DE PAIN

(71) CONAIR CORPORATION [US/US]; One Cummings Point Road, Stamford, CT 06902 (US).

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

(72, 75) WANAT, David, J. [US/US]; 37 Prann Court, Meriden, CT 06450 (US).

(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, LLP, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A47J 37/12, 37/04, A23L 1/01

(11) WO 2004/095996 (13) A1

(21) PCT/IT2004/000232

(22) 23 Apr/avr 2004 (23.04.2004)

(25) it (26) en

(30) VR2003A000047 28 Apr/avr 2003 IT
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AN APPARATUS FOR FRYING FOODS, IN PARTICULAR FOR DOMESTIC USE

- APPAREIL POUR FRIRE DES ALIMENTS A USAGE ESSENTIELLE-MENT DOMESTIQUE

(71) EKO S.P.A. [IT/IT]; Via Condotti Bardini, 9, I-31058 Susegana (IT).

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

(72, 75) ZAPPELLA, Sergio [IT/IT]; Località Gabba, Lizzano in Belvedere (IT).

(74) RUFFINI, Stefano; Bugnion S.p.A., Via Garibaldi, 19, I-37121 Verona (IT).

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

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

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

Published / Publiée : (c)

(51)⁷ A47K 3/34, E05D 15/10

(11) WO 2004/095997 (13) A1

(21) PCT/EP2004/004376

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 103 19 170.4 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PARTITION

- STRUCTURE DE SEPARATION

(71, 72) KIEFER, Zoltan, Anton [DE/DE]; Eichendorffstrasse 65, 55122 Mainz (DE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 A47K 11/10

(11) WO 2004/095998 (13) A1

(21) PCT/GB2004/001782

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0309684.9 29 Apr/avr 2003 GB
(29.04.2003)

(30) 0315678.3 4 Jul/juil 2003 GB
(04.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • TOILET CLEANING DEVICE

- DISPOSITIF DE NETTOYAGE DE TOILETTE

(71) CUT STRAIGHT LIMITED [GB/GB]; Hopwood Lane, Halifax, West Yorkshire HX1 5EB (GB).

(72, 75) TAPP, Peter, Lawrence [GB/GB]; 13 Thames Meadow, Shepperton, Middlesex TW17 8LT (GB). MONKS, Anthony [GB/GB]; Brampton Housewares Limited, Broad End Industrial Estate, Broad End, Walsoken, Wisbech, Cambridgeshire PE14 7BQ (GB). NICHOLSON, Christopher, Paul [GB/GB]; Brampton Housewares Limited, Broad End Industrial Estate, Broad End, Walsoken, Wisbech, Cambridgeshire PE14 7BQ (GB).

(74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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

Published / Publiée : (c)

(51)⁷ A47L

(11) WO 2004/095999 (13) A2

(21) PCT/US2004/011742

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/465,321 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLOOR CLEANING IMPLEMENT
• ARTICLE DE NETTOYAGE DE SOL

(71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) KELLY, Karl; 308 Flatrock Lane, Holly Spring, NC 27540 (US). CARTER, Nick; 132 Dannyon Grove Court, Mooresville, NC 28117 (US). MAYHORN, Jennifer; 310 Southland Road, Huntersville, NC 28078 (US).

(74) GEIMER, Stephen D.; Wood, Philips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 60661 (US).

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

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

(51)⁷ A47L

(11) WO 2004/096000 (13) A2

(21) PCT/US2004/012303

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/465,705 26 Apr/avr 2003 US (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROTATING OPERATING HANDLE FOR VACUUM CLEANER
• POIGNEE DE MANIPULATION TOURNANTE D'ASPIRATEUR

(71) MATSUSHITA ELECTRIC CORPORATION OF AMERICA [US/US]; One Panasonic Way, Secaucus, NJ 07094 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHANOR, Michael, J. [US/US]; 104 Eric Court, Nicholasville, KY 40356 (US). MUDD, Amy, N. [US/US]; 300 Affirmed Drive, Danville, KY 40422 (US).

(74) SCHICKLI, Warren, D. et al. / etc.; King & 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/08, 17/04

(11) WO 2004/096001 (13) A1

(21) PCT/CA2004/000619

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,202 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A FLUID-DISPENSING CLEANING TOOL
• OUTIL DE NETTOYAGE DISTRIBUANT UN FLUIDE

(71) BROWNE & CO. [CA/CA]; 100 Esna Park Drive, Markham, Ontario L3R 1E3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAN, David [CA/CA]; 25 Bamburgh Circle, Apt. 731, Scarborough, Ontario M1W 3W2 (CA). FRANK, Matthew [US/US]; 4500 9th Ave NE, Suite 300, Seattle, Washington 98105 (US).

(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 A47L 9/24, 5/36

(11) WO 2004/096002 (13) A1

(21) PCT/GB2004/001703

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0309381.2 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VACUUM CLEANER APPARATUS WITH A RETRACTABLE HOSES
• ASPIRATEUR COMPRENANT UN TUBE RETRACTABLE

(71) SMITHS GROUP PLC [GB/GB]; 765 Finchley Road, London NW11 8DS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BATTLE, Philip, Peter [GB/GB]; 25 Station Road, Balforn, Glasgow G63 0SX (GB).

(74) FLINT, Jonathan, McNeill; 765 Finchley Road, London NW11 8DS (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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 A47L 13/12, 13/254

(11) WO 2004/096003 (13) A1

(21) PCT/SE2004/000661

(22) 29 Apr/avr 2004 (29.04.2004)

(25) sv (26) en

(30) 0301292-9 2 May/mai 2003 SE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A MOP ASSEMBLY AND A MOP COM-
PRISING SUCH A MOP ASSEMBLY

• DISPOSITIF DE NETTOYAGE

- (71) **SMART PRODUCTS SCANDINAVIA AB** [SE/SE]; Tellusborgsvägen 71, S-126 37 Hägersten (SE).

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

- (72, 75) **BROMAN, Daniel** [SE/SE]; Funnebovägen 15, S-141 31 Huddinge (SE).

- (74) **STRÖM & GULLIKSSON IP AB**; Box 7086, S-103 87 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 A47L 13/51

(11) WO 2004/096004 (13) A2

(21) PCT/US2004/012820

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/466,064 29 Apr/avr 2003 US (29.04.2003)

(30) 60/483,924 2 Jul/juil 2003 US (02.07.2003)

(30) 60/490,260 28 Jul/juil 2003 US (28.07.2003)

(30) 10/642,221 18 Aug/août 2003 US (18.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • CADDY FOR CONTAINER AND METHODS FOR USING SAME

• CHARIOT POUR CONTENANT ET SES PROCÉDES D'UTILISATION

- (71) **RUBBERMAID COMMERCIAL PRODUCTS LLC** [US/US]; 3124 Valley Avenue, Winchester, VA 22601 (US).

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

- (72, 75) **CHOCHINOV, Jeffrey, A.** [CA/US]; 104 Welsh Court, Stephens City, VA 22655 (US). **PRESNELL, Donald, C.** [US/US]; 123 Driftwood Drive, Stephens City, VA 22655 (US). **SCHULZ, Carl, R.** [US/US]; 430 Brookneil Drive, Winchester, VA 22602 (US). **TOKASH, Robert, J.** [US/US]; 102 Dickenson Court, Stephens City, VA 22655 (US).

- (74) **RAWLINS, Andrew, E.** et al. / etc.; Foley & Lardner, Suite 500, Washington Harbour, 3000 K Street, N.W., Washington, D.C. 20007-5101 (US).

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

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 A47L 15/42

(11) WO 2004/096005 (13) A1

(21) PCT/SE2004/000527

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0301209-3 25 Apr/avr 2003 SE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FILTER SYSTEM FOR A HOUSEHOLD DISHWASHER

• SYSTEME FILTRANT D'UN LAVE-VAISSELLE DOMESTIQUE

- (71) **ELECTROLUX HOME PRODUCT CORPORATION N.V.** [BE/BE]; Belgicastraat 17, B-1930 Zaventem (BE).

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

- (72, 75) **HARTVIGSSON, Marcus** [SE/SE]; Bergäsvägen 7, S-334 31 Anderstorp (SE).

- (74) **SCHMERER, Sven, Erik**; AB Electrolux, Group Intellectual Property, S-105 45 Stockholm (SE).

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

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

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

(51)⁷ A47L 15/46, 15/00, 15/42

(11) WO 2004/096006 (13) A2

(21) PCT/IB2004/001310

(22) 29 Apr/avr 2004 (29.04.2004)

(25) it (26) en

(30) TO2003A000324 29 Apr/avr 2003 IT (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • IMPROVED WASH METHOD, AND DISHWASHING MACHINE IMPLEMENTING SUCH A METHOD

• PROCEDE DE LAVAGE PERFECTIONNE ET LAVE-VAISSELLE POUR SA MISE EN OEUVRE

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

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

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

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

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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)

(51)⁷ A61B

(11) WO 2004/096007 (13) A2

(21) PCT/IL2004/000345

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,785 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND DEVICES FOR DETERMINING THE RESONANCE FREQUENCY OF PASSIVE MECHANICAL RESONATORS

• PROCEDES ET DISPOSITIFS DESTINES A DETERMINER LA FREQUENCE DE RESONANCE DE RESONATEURS MECANQUES PASSIFS

(71) MICROSENSE CARDIOVASCULAR SYSTEMS 1996 [IL/IL]; Kiryat Atidim, Bldg. 3, 61581 Tel Aviv (IL).

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

(72, 75) GIRMANSKY, Doron [IL/IL]; Harakefet 1, 43534 Raanana (IL). EISENBERG, Ran [IL/IL]; 4 Amnon VeTamar, 69930 Tel Aviv (IL). AVRAHAM, Nissim [IL/IL]; 7 HaPardes HaRishon, 75209 Rishon LeZion (IL).

(74) EITAN PEARL LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, 46725 Herzlia (IL).

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

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

(51)⁷ A61B

(11) WO 2004/096008 (13) A2

(21) PCT/IL2004/000367

(22) 2 May/mai 2004 (02.05.2004)

(25) en (26) en

(30) 60/466,729 1 May/mai 2003 US (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PANORAMIC FIELD OF VIEW IMAGING DEVICE

• DISPOSITIF D'IMAGERIE A CHAMP PANORAMIQUE

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

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

(72, 75) IDDAN, Gavriel J. [IL/IL]; 44A Einstein Street, 34602 Haifa (IL). LEVY, Daphna [IL/IL]; 103 Hadas Street, 21661 Carmiel (IL). RUBEY, Kevin [US/US]; 1830 Fulmar Avenue, Ventura, CA 93003 (US). FRISCH, Mordechai [IL/IL]; 14 Hashiloah Street, 20186 Moreshet (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, 46725 Herzlia (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 A61B

(11) WO 2004/096009 (13) A2

(21) PCT/US2004/010633

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/423,544 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIFFERENTIAL DETERMINATION OF HEMOGLOBINS

• DETERMINATION DIFFERENTIELLE D'HEMOGLOBINES

(71) BECKMAN COULTER, INC. [US/US]; 4300 N. Harbor Blvd., Mail Code A-42-C, Fullerton, CA 92834 (US).

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

(72) BURSHTYEN, Alexander; 7473 N.W. 21st Court, Pembroke Pines, FL 33024 (US). VAN AGTHOVEN, Andreas; 15 Avenue Joseph Crovetto, F-13009 Marseille (FR). LUCAS, Frank, J.; 2143 Bethel Boulevard, Boca Raton, FL 33432 (US). RABELLINO, Enrique; 8045 N.W. 7th Street, #411, Miami, FL 33126 (US).

(74) ALTER, Mitchell, E.; Beckman Coulter, Inc., P.O. Box 169015, Mail Code 32-A02, Miami, FL 33116-9015 (US).

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

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

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

(51)⁷ A61B

(11) WO 2004/096010 (13) A2

(21) PCT/US2004/011264

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,062 29 Apr/avr 2003 US (29.04.2003)

(30) 10/832,282 27 Apr/avr 2004 US (27.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FOLDED OPTICS IN A LASER IMAGING APPARATUS WITH AN ERGONOMETRIC TABLETOP

• SYSTEME A TRAJET OPTIQUE REPLE, DANS UN APPAREIL D'IMAGERIE AU LASER DOTE D'UNE TABLE ERGONOMIQUE

(71) IMAGING DIAGNOSTIC SYSTEMS, INC. [US/US]; 6531 18th Court, Plantation, FL 33313 (US).

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

(72) WAKE, Robert, H.; 13335 Lakeside Terrace, Cooper City, FL 33330 (US). MAGRANER, Vicente; 5500 SW 96th Avenue, Miami, FL 33165 (US).

(74) DE LEON, Josefino, P.; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads 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 A61B

(11) WO 2004/096011 (13) A2

(21) PCT/US2004/012531

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/422,381 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIOPSY DEVICE

• DISPOSITIF DE BIOPSIE

(71) ACUEITY, INC. [US/US]; 100 Hamilton Avenue, Palo Alto, CA 94301 (US).

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

(72, 75) MUELLER, JR., Richard L. [US/US]; 5605 Deyo Lane, Jackson, Wyoming 83001 (US). HSEI, Paul K. [US/US]; 5047 Capistrano Avenue, San Jose, CA 95129 (US).

(74) CEPURITIS, Talivaldis et al. / etc.; OLSON & HIERL, LTD., 20 North Wacker Drive, 36th Floor, Chicago, Illinois 60606 (US).

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

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

(51)⁷ A61B

(11) WO 2004/096012 (13) A2

(21) PCT/US2004/012763

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,932 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SURGICAL HAND ACCESS APPARATUS

• APPAREIL CHIRURGICAL POUR ACCES MANUEL

(71) TYCO HEALTHCARE GROUP LP [US/US]; 150 Glover Avenue, Norwalk, CT 05856 (US).

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

(72, 75) WENCHELL, Thomas [US/US]; 73 Oak Terrace, Durham, CT 06422 (US).

(74) PERRY, Kimberly et al. / etc.; U.S. Surgical, a division of Tyco Healthcare Group LP, 150 Glover Avenue, Norwalk, CT 06850 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096013 (13) A2

(21) PCT/US2004/012843

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,643 26 Apr/avr 2003 US (26.04.2003)

(30) 60/472,556 22 May/mai 2003 US (22.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND DEVICES FOR TEMPORARILY SEALING A BLOOD VESSEL DURING AN ANASTOMOSIS

• PROCEDES ET DISPOSITIFS POUR OBTURER PROVISOIEMENT UN VAISSEAU SANGUIN LORS D'UNE ANASTOMOSE

(71) VENTRICA, INC. [US/US]; 5055 Brandin Court, Fremont, California 94538 (US).

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

(72, 75) CARSON, Dean, F. [US/US]; 1652 Yale Drive, Mountain View, California 94040 (US). REO, Michael [US/US]; 701 Baltic Circle Unit #731, Redwood City, California 94085 (US). COLE, David, H. [US/US]; 1550 Lago Street, San Mateo, California 94403 (US). GITTINGS, Darin, C. [US/US]; 520 South Bayview Avenue, Sunnyvale, California 94086 (US). FOLEY, Mark [US/US]; 11151 Hobart Street, Menlo Park, California 94304 (US).

(74) HOEKENDIJK, Jens, E.; Law Office of Jens E. Hoekendijk, P.O. Box 4787, Burlingame, California 94011-4787 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 2004/096014 (13) A2

(21) PCT/US2004/012964

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,804 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METRICS TO PREDICT SUBJECTIVE IMPACT OF EYE'S WAVE ABERRATION

• METROLOGIES POUR PREVOIR UN IMPACT SUBJECTIF D'ABERRATIONS D'ONDE DE L'OEIL

(71) UNIVERSITY OF ROCHESTER [US/US]; 518 Hylan Building, Rochester, NY 14627 (US). UNIVERSITY OF HOUSTON [US/US]; 316 E. Cullen Building, Houston, TX 77204-2015 (US). INDIANA UNIVERSITY [US/US]; 501 N. Morton Street, Suite 204, Bloomington, IN 47404 (US).

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

(72, 75) WILLIAMS, David, R. [US/US]; 28 Shelter Creek Lane, Fairport, NY 14450 (US).

APLEGATE, Raymond, A. [US/US]; 3507 Lost Lake, Kingwood, TX 77339 (US). THIBOS, Larry, N. [US/US]; 1809 Windsor Drive, Bloomington, IN 47401 (US).

(74) GREENBAUM, Michael, C.; Blank Rome LLP, 600 New Hampshire Avenue, N.W., Suite 1100, Washington, DC 20037 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096015 (13) A2

(21) PCT/US2004/013118

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,310 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STEERABLE KINK-RESISTANT SHEATH

• GAINE DIRIGEABLE RESISTANT AU PLIAGE

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

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

(72) HART, Charles, C.; 126 Marvin Gardens, Summerville, SC (US). BRUSTAD, John, R.; 34056 Formosa Drive, Dana Point, CA 92629 (US). HILAL, Nabil; 25291 Spindewood, Laguna Niguel, CA 92677 (US).

(74) IKEHARA, Patrick, Y.; 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 2004/096016 (13) A2

(21) PCT/US2004/013120

- (22) **28 Apr/avr 2004 (28.04.2004)**
(25) en (26) en
(30) 60/466,256 **28 Apr/avr 2003** US
(28.04.2003)
(30) Not furnished / **27 Apr/avr 2004** US
non communiqué (27.04.2004)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • MODULATION OF GLUCAGON RE-
CEPTOR EXPRESSION
• MODULATION DE L'EXPRESSION DU
RECEPTEUR DE GLUCAGON
(71) **ISIS PHARMACEUTICALS, INC.**
[US/US]; 2292 Faraday Avenue, Carls-
bad, CA 92008 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **FREIER, Susan, M.** [US/US]; 2946
Renault Street, San Diego, CA 92122 (US).
DOBIE, Kenneth, W. [US/US]; 703 Strat-
ford Court, #4, Del Mar, CA 92014 (US).
MCKAY, Robert [US/US]; 2277 Caminito
Pescado #73, San Diego, CA 92107 (US).
(74) **BRUSCA, Eric, M.**; Marshall, Gerstein &
Borun LLP, 6300 Sears Tower, 233 South
Wacker Drive, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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) **W O 2004/096017** (13) A2
(21) PCT/US2004/013153
(22) **28 Apr/avr 2004 (28.04.2004)**
(25) en (26) en
(30) 10/426,644 **29 Apr/avr 2003** US
(29.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • USE OF ACTIVATION AND RECOV-
ERY TIMES AND DISPERSIONS TO
MONITOR HEART FAILURE STATUS
AND ARRHYTHMIA RISK
• UTILISATION DE DISPERSIONS DE
TEMPS D'ACTIVATION ET DE RE-
PRISE AFIN DE SURVEILLER L'ETAT
D'INSUFFISANCE CARDIAQUE ET LE
RISQUE D'ARRHYTHMIE
(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) **BURNES, John, E.** [US/US]; 1442
159th Avenue Northwest, Andover, MN
55304 (US).
(74) **MCDOWALL, Paul, H.** 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).

Declaration / Déclaration :

(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)

(51)⁷ **A61B**

(11) **W O 2004/096018** (13) A2

(21) PCT/US2004/013154

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/466,219 **28 Apr/avr 2003** US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHODS OF OP-
TIMAL PLACEMENT OF DEEP BRAIN
STIMULATOR

• APPAREIL ET PROCÉDES DE POSI-
TIONNEMENT OPTIMAL D'UN STI-
MULATEUR CÉRÉBRAL PROFOND

(71) **VANDERBILT UNIVERSITY** [US/US];
1207 17th Avenue South, Suite 210,
Nashville, TN 37212 (US).

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

(72, 75) **DAWANT, Benoit, M.** [US/US]; 2408
Blair Boulevard, Nashville, TN 37212 (US).

(74) **XIA, Tim, Tingkang;** Morris, Manning &
Martin, LLP, 1600 Atlanta Financial Center,
3343 Peachtree Road, N.E., Atlanta, GA
30326-1044 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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) **W O 2004/096019** (13) A2

(21) PCT/US2004/013233

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/466,031 **28 Apr/avr 2003** US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR INSERTION OF
LACRIMAL STENTS

• DISPOSITIF D'INSERTION DE DRAINS
LACRYMAUX

(71) **UNIVERSITY OF FLORIDA** [US/US];
1938 W. University Avenue, Gainesville, FL
32611 (US).

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

(72, 75) **MELKER, Jeremy, S.** [US/US]; 3428
NW 63rd PLace, Gainesville, FL (US).

(74) **VAN DYKE, Timothy, H.** et al. / etc.;
Beusse Brownlee Wolter Mora & Maire, 390
N. Orange Avenue, Suite 2500, 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).

(51)⁷ A61B

(11) WO 2004/096020 (13) A2

(21) PCT/US2004/013318

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,061 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR DETECTION AND CHARACTERIZATION OF PRE-MALIGNANT TRANSFORMATION

• PROCEDE DE DETECTION ET DE CARACTERISATION D'UNE TRANSFORMATION PRECANCEREUSE

(71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; Suite 110, 615 Arapen Drive, Salt Lake City, UT 84108 (US). SILICO INSIGHTS [US/US]; 400 West Cummings Park, Woburn, MA 01801 (US).

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

(72, 75) LEACHMAN, Sancy [US/US]; 40 St. Moritz Terrace, Park City, UT 84098 (US). HATZIS, Christos [GR/US]; Apt. 43, 3 Langdon Street, Cambridge, MA 02138 (US). PADUKONE, Nandan [US/US]; 31 Grandview Avenue, Melrose, MA 02176 (US). ERICKSON, Harold [US/US]; 1776 E. 900 So., Salt Lake City, UT 84108 (US). PORTER-GILL, Patricia [US/US]; 8121 S. Scandia Ct., Sandy, UT 84093 (US).

(74) BOOTH, Paul M. et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, NW, Washington, DC 20006-1228 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096021 (13) A2

(21) PCT/US2004/013522

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,798 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GLOBAL ANALYSIS OF TRANSPOSABLE ELEMENTS AS MOLECULAR MARKERS OF CANCER

• ANALYSE GLOBALE D'ELEMENTS TRANSPOSABLES EN TANT QUE MARQUEURS MOLECULAIRES DU CANCER

(71) UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. [US/US]; 630 Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCDONALD, John, F. [US/US]; 199 Lakeside Drive, Arnoldsville, GA 30619 (US).

(74) FERNANDEZ, Lizette, M. et al. / etc.; Needle & Rosenberg, P.C., 999 Peachtree Street, Suite 1000, Atlanta, GA 30309-3915 (US).

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

(11) WO 2004/096022 (13) A1

(21) PCT/JP2004/005675

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122803 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO-TYPE IN-SUBJECT INFORMATION ACQUISITION SYSTEM AND DEVICE FOR INTRODUCTION INTO SUBJECT

• SYSTEME D'ACQUISITION SUR SUJET DE TYPE RADIO ET DISPOSITIF D'INTRODUCTION DANS UN SUJET

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(72) SHIMIZU, Hatsuo; 919-66, Utsukicho, Hachioji-shi, Tokyo 192-0024 (JP). NAKAT-SUCHI, Kazutaka; 1-14-91-608, Tamadaira, Hino-shi, Tokyo 191-0062 (JP).

(74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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

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

(51)⁷ A61B 1/00

(11) WO 2004/096023 (13) A1

(21) PCT/JP2004/005711

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122802 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO-TYPE IN-SUBJECT INFORMATION ACQUISITION SYSTEM AND OUTSIDE-SUBJECT DEVICE

• SYSTEME D'ACQUISITION D'INFORMATIONS INTRA-SUJET DE TYPE RADIO ET DISPOSITIF EXTRA-SUJET

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

(72) SHIMIZU, Hatsuo; 919-66, Utsukicho, Hachioji-shi, Tokyo, 1920024 (JP). NAKAT-SUCHI, Kazutaka; 1-14-91-608, Tamadaira, Hino-shi, Tokyo, 1910062 (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096024 (13) A1

(21) PCT/JP2004/005721

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122801 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO-TYPE IN-SUBJECT INFORMATION ACQUISITION SYSTEM, DEVICE FOR INTRODUCTION INTO SUBJECT, AND OUTSIDE-SUBJECT DEVICE

• SYSTEME D'ACQUISITION D'INFORMATIONS INTRA-SUJET DE TYPE RADIO, DISPOSITIF D'INTRODUCTION DANS LE SUJET ET DISPOSITIF EXTRA-SUJET

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

(72) SHIMIZU, Hatsuo; 919-66, Utsukicho, Hachioji-shi, Tokyo, 1920024 (JP). NAKAT-SUCHI, Kazutaka; 1-14-91-608, Tamadaira, Hino-shi, Tokyo, 1910062 (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 A61B 1/00

(11) WO 2004/096025 (13) A1

(21) PCT/JP2004/005738

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122804 25 Apr/avr 2003 JP (25.04.2003)

(30) 2004-120367 15 Apr/avr 2004 JP (15.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE, METHOD AND PROGRAM FOR IMAGE PROCESSING
• DISPOSITIF, PROCÉDE ET PROGRAMME POUR TRAITEMENT D'IMAGES

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

(72) HONDA, Takemitsu; 3-13-8, Tamadaira, Hino-shi, Tokyo, 1910062 (JP). MINAI, Tetsuo; 1-23-8-D, Kuboyamacho, Hachioji-shi, Tokyo, 1920023 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096026 (13) A1

(21) PCT/US2003/009155

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLEXIBLE ENDOSCOPE

• ENDOSCOPE FLEXIBLE

(71) ACMI CORPORATION [US/US]; 136 Turnpike Road, Southborough, MA 01772 (US).

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

(72, 75) DIRUSSO, Carlo, A. [US/US]; 2533 Young Avenue, Bronx, NY 10469 (US). GRABOVER, Edward, A. [US/US]; 2 Jireh Lane, Brookfield, CT 06804 (US). KONSTORUM, Gregory, S. [US/US]; 66-B Seaside Avenue, Stamford, CT 06902 (US).

(74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).

(81) JP US.

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

Published / Publiée : (a)

(51)⁷ A61B 1/04

(11) WO 2004/096027 (13) A1

(21) PCT/JP2004/005732

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122805 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE DISPLAY UNIT, IMAGE DISPLAY METHOD AND IMAGE DISPLAY PROGRAM
• UNITE D'AFFICHAGE D'IMAGES, PROCÉDE D'AFFICHAGE D'IMAGES ET PROGRAMME D'AFFICHAGE D'IMAGES

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

(72) HONDA, Takemitsu; 3-13-8, Tamadaira, Hino-shi, Tokyo, 1910062 (JP). MINAI, Tetsuo; 1-23-8-D, Kuboyamacho, Hachioji-shi, Tokyo, 1920023 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/096028 (13) A1

(21) PCT/JP2004/005679

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja

(26) ja

(30) 2003-122806 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAPSULE ENDOSCOPE AND CAPSULE ENDOSCOPE SYSTEM

• ENDOSCOPE A CAPSULE ET SYSTÈME D'ENDOSCOPE A CAPSULE

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

(72) KIMOTO, Seiichiro; 7-14-11, Oowadamachi, Hachioji-shi, Tokyo 1920045 (JP). FUJIMORI, Noriyuki; 2575, Konami, Suwa-shi, Nagano 3920131 (JP). SUZUSHIMA, Hiroshi; 8718-301, Nakaminowa, Minowamachi, Kamiina-gun, Nagano 3994601 (JP). SHIGEMORI, Toshiaki; 4-5556-17, Mita, Tama-ku, Kawasaki-shi, Kanagawa 2140034 (JP). NAKAMURA, Tsutomu; 9404-5, Sawajiri, Minamiminowamura, Kamiina-gun, Nagano 3994511 (JP). NAGASE, Ayako; 6-14-5-533, Oowadamachi, Hachioji-shi, Tokyo 1920045 (JP). MINAI, Tetsuo; 1-23-8-D, Kuboyamacho, Hachioji-shi, Tokyo 1920023 (JP). SHIMIZU, Hatsuho; 919-66, Utsukicho, Hachioji-shi, Tokyo 1920024 (JP). HONDA, Takemitsu; 3-13-8, Tamadaira, Hino-shi, Tokyo 1910062 (JP). SASAGAWA, Katsuyoshi; 4-5-63-301, Minamidaira, Hino-shi, Tokyo 1910041 (JP). SUZUKI, Katsuya; 2-18-14-304, Hashimoto, Sagami-hara-shi, Kanagawa 2291103 (JP). HASHIMOTO, Masayuki; 2-8-8, Suzaku, Nara-shi, Nara 6310806 (JP). ORIHARA, Tatsuya; 1-18-1, Kuboyamacho, Hachioji-shi, Tokyo 1920023 (JP). NAKATSUCHI, Kazutaka; 1-14-91-608, Tamadaira, Hino-shi, Tokyo 1910062 (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 A61B 1/06

(11) WO 2004/096029 (13) A1

(21) PCT/JP2004/005710

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122807 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAPSULE ENDOSCOPE AND CAPSULE ENDOSCOPE SYSTEM

• ENDOSCOPE A CAPSULE

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

(72) KIMOTO, Seiichiro; 7-14-11, Oowadamachi, Hachioji-shi, Tokyo, 1920045 (JP). FUJIMORI, Noriyuki; 2575, Konami, Suwa-shi, Nagano, 3920131 (JP). SUZUSHIMA, Hiroshi; 8718-301, Nakaminowa, Minowamachi, Kamiina-gun, Nagano, 3994601 (JP). SHIGEMORI, Toshiaki; 4-5556-17, Mita, Tama-ku, Kawasaki-shi, Kanagawa, 2140034 (JP). NAKAMURA, Tsutomu; 9404-5, Sawajiri, Minamiminowamura, Kamiina-gun, Nagano, 3994511 (JP). NAGASE, Ayako; 6-14-5-533, Oowadamachi, Hachioji-shi, Tokyo, 1920045 (JP). MINAI, Tetsuo; 1-23-8-D, Kuboyamacho, Hachioji-shi, Tokyo, 1920023 (JP). SHIMIZU, Hatsu; 919-66, Utsukicho, Hachioji-shi, Tokyo, 1920024 (JP). HONDA, Takemitsu; 3-13-8, Tamadaira, Hino-shi, Tokyo, 1910062 (JP). SASAGAWA, Katsuyoshi; 4-5-63-301, Minamidaira, Hino-shi, Tokyo, 1910041 (JP). SUZUKI, Katsuya; 2-18-14-304, Hashimoto, Sagami-hara-shi, Kanagawa, 2291103 (JP). HASHIMOTO, Masayuki; 2-8-8, Suzaku, Nara-shi, Nara, 6310806 (JP). ORIHARA, Tatsuya; 1-18-1, Kuboyamacho, Hachioji-shi, Tokyo, 1920023 (JP). NAKATSUCHI, Kazutaka; 1-14-91-608, Tamadaira, Hino-shi, Tokyo, 1910062 (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 A61B 1/06

(11) WO 2004/096030 (13) A1

(21) PCT/JP2004/005712

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122821 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAPSULE-TYPE ENDOSCOPE DEVICE

• DISPOSITIF ENDOSCOPIQUE DE TYPE CAPSULE

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOMAN, Masatoshi [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). ONO, Wataru [JP/JP]

(74) ITO, Susumu; Musashi Bldg., 4-4, Nishishinjuku 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/267

(11) WO 2004/096031 (13) A1

(21) PCT/GB2004/001844

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309754.0 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LARYNGOSCOPE WITH MEANS TO RESTRICT RE-USE OF BLADES

• LARYNGOSCOPE POUR VU DE MOYENS EMPECHANT UNE REUTILISATION DE LA LAME

(71) AIRCRAFT MEDICAL LIMITED [GB/GB]; 10 St Andrews Square, Edinburgh EH2 2AF (GB).

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

(72, 75) MCGRATH, Matthew, J., R. [GB/GB]; c/o Aircraft Medical Limited, 10 St Andrews Square, Edinburgh EH2 2AF (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).

(51)⁷ A61B 1/267

(11) WO 2004/096032 (13) A1

(21) PCT/GB2004/001869

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309754.0 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LARYNGOSCOPE WITH CAMERA ATTACHMENT

• LARYNGOSCOPE EQUIPE D'UNE CAMERA

(71) AIRCRAFT MEDICAL LIMITED [GB/GB]; 10 St Andrews Square, Edinburgh EH2 2AF (GB).

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

(72, 75) MCGRATH, Matthew, J., R. [GB/GB]; Aircraft Medical Limited, 10 St Andrews Square, Edinburgh EH2 2AF (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 : (c)

(51)⁷ A61B 3/12

(11) WO 2004/096033 (13) A1

(21) PCT/GB2004/001780

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0310040.1 1 May/mai 2003 GB (01.05.2003)

(30) 0330094.4 29 Dec/déc 2003 GB (29.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEASUREMENT OF DISTRIBUTION OF MACULAR PIGMENT

• MESURE DE LA DISTRIBUTION D'UN PIGMENT MACULAIRE

(71) MILLENNIUM DIET AND NUTRICEUTICALS LIMITED [GB/GB]; Whitehill House, Grahams Road, Gt Shelford, Cambridge CB2 5JY (GB).

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

(72, 75) BONE, Richard, Andrew [US/US]; 14760 S.W. 147 Court, Miami, FL 33196 (US). LANDRUM, John, Thomas [US/US]; 16801 W. 78 Avenue, Miami, FL 33157 (US).

(74) ROBERTS, David, L.; 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 A61B 3/14
- (11) WO 2004/096034 (13) A1
- (21) PCT/JP2004/005791
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ja (26) ja
- (30) 2003-125279 30 Apr/avr 2003 JP
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • EYEGROUND OBSERVATION DEVICE
AND EYEGROUND OBSERVATION
METHOD
- DISPOSITIF ET PROCEDE
D'OBSERVATION DU FOND DE
L'OEIL
- (71) KABUSHIKI KAISHA TOPCON [JP/JP];
75-1, Hasunuma-cho, Itabashi-ku, Tokyo
174-0052 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) YAMAGUCHI, Tatsuo [JP/JP]; c/o
Kabushiki Kaisha Topcon, 75-1, Ha-
sunuma-cho, Itabashi-ku, Tokyo 174-0052
(JP). MIHASHI, Toshifumi [JP/JP]; c/o
Kabushiki Kaisha Topcon, 75-1, Ha-
sunuma-cho, Itabashi-ku, Tokyo 174-0052
(JP).
- (74) HASHIZUME, Takeshi; 13-17, Ginza
3-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096035 (13) A2
- (21) PCT/US2004/011497
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 10/424,555 25 Apr/avr 2003 US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • MONITORING QRS COMPLEX TO
IDENTIFY LEFT VENTRICULAR DYS-
FUNCTION
- CONTROLE D'UN COMPLEXE
QRS EN VUE D'IDENTIFIER UNE
DYSFONCTION DU VENTRICULE
GAUCHE
- (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) VAN HOVE, Jos, W. [NL/NL]; Prins
Bernhardlaan 52, NL-3116 HE Schiedam
(NL). BOUTE, Willem [NL/NL]; Hendrik-
straat 19, NL-6951 AT Dieren (NL).
- (74) SOLDNER, Michael, 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)*
-
- (51)⁷ A61B 5/02, A61N 1/362
- (11) WO 2004/096036 (13) A1
- (21) PCT/US2004/009844
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/422,894 24 Apr/avr 2003 US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INTRACARDIAC POLARIZATION
SIGNAL STABILIZATION
- STABILISATION DE SIGNAUX DE PO-
LARISATION CARDIAQUE
- (71) MEDTRONIC, INC. [US/US]; MS LC340,
710 Medtronic Parkway, Minneapolis, Min-
nesota 55432 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) VONK, Ben. F. M. [NL/NL]; Klein-
dorpseweg 18, NL-7031 JB WEHL (NL).
STOOP, Gustaaf A.P. [NL/NL]; Meidoorn-
laan 131, NL-6951 LS Dieren (NL). ZEI-
JLEMAKER, Volkert, A. [NL/NL]; Wach-
tendorf.str 22, NL-6371 VW Landgraaf (NL).
- (74) WOLDE-MICHAEL, Girma et al. / etc.;
MS LC340, 710 Medtronic Parkway, Min-
neapolis, 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 A61B 5/022
- (11) WO 2004/096037 (13) A1
- (21) PCT/AU2004/000553
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 2003902018 29 Apr/avr 2003 AU
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ADJUSTABLE CUFF FOR NON-INVA-
SIVE BLOOD PRESSURE MEASURE-
MENT
- BRASSARD REGLABLE UTILISE
POUR MESURER LA PRESSION SAN-
GUINE DE MANIERE NON INVASIVE
- (71, 72) PLATT, Harry, Louis [AU/AU]; Suite
407 Office Tower, Westfield Shopping Town,
Eastgardens, NSW 2036 (AU). JANKOV,
Vladimir [AU/AU]; Suite 407 Office Tower,
Westfield Shopping Town, Eastgardens,
NSW 2036 (AU). SHELL, Allan, Michael
[AU/AU]; Suite 407 Office Tower, Westfield
Shopping Town, Eastgardens, NSW 2036
(AU).
- (74) CHRYSILIOU LAW; Level 2, 15-19 Par-
raween Street, Cremorne, NSW 2090 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

(51)⁷ A61B 5/024, 5/00, 5/22, A63B 69/00, 24/00

(11) WO 2004/096038 (13) A1

(21) PCT/GB2004/001734

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309480.2 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PULSE RATE MONITOR

• APPAREIL DE SURVEILLANCE DU
POULS

(71) D4 TECHNOLOGY LIMITED [GB/GB];
5 Pondsides Terrace, Pondsides Lane, Bishops
Waltham, Southampton, Hants SO32 1BB
(GB).

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

(72, 75) TUDOR, Michael, John [GB/GB]; 85
Goodwood Road, Southsea, Hants PO5 1NN
(GB). HARRIS, Nicholas, Robert [GB/GB];
4 Calshot way, Frimley Green, Chamber-
ley, Surrey GU14 9FA (GB). WHITE,
Neil, Maurice [GB/GB]; 8 Eden Road,
West End, Southampton, Hants SO18 3QX
(GB). BEEBY, Stephen, Paul [GB/GB]; 5
Pondsides Terrace, Pondsides Lane, Bishops
Waltham, Southampton, Hants SO32 1BB
(GB).

(74) JENKINS, Peter, David et al. / etc.; Page
White & Farrer, 54 Doughty Street, London
WC1N 2LS (GB).

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

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

(11) WO 2004/096039 (13) A1

(21) PCT/US2003/025599

(22) 15 Aug/août 2003 (15.08.2003)

(25) en (26) en

(30) 60/459,074 31 Mar/mar 2003 US
(31.03.2003)

(30) 10/615,884 8 Jul/juil 2003 US
(08.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NONINVASIVE METHODS FOR AS-
SESSING VALVULAR AND VENTRIC-
ULAR DYSFUNCTION

• METHODES NON INVASIVES
D'EVALUATION DU DYSFONCTION-
NEMENT VALVULAIRE ET VENTRI-
CULAIRE

(63) US 10/615,885 (CIP)
8 Jul/juil 2003 (08.07.2003)

US 60/459,074 (CIP)
31 Mar/mar 2003 (31.03.2003)

(71) CALIFORNIA INSTITUTE OF TECH-
NOLOGY [US/US]; 1200 East California
Boulevard, Mail Code 201-85, Pasadena, CA
91125 (US).

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

(72, 75) GHARIB, Morteza [US/US]; 1200 East
California Boulevard, Mail Code 205-45,
Pasadena, CA 91125 (US).

(74) HARRIS, Scott, C.; Fish & Richardson PC,
4350 La Jolla Village Drive, Suite 500, San
Diego, CA 92122 (US).

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

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

(51)⁷ A61B 5/0476

(11) WO 2004/096040 (13) A1

(21) PCT/AU2004/000578

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 2003902115 2 May/mai 2003 AU
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREDICTING OUTCOME
OF A STROKE USING EEG

• PROCEDE D'ESTIMATION DU RESUL-
TAT D'UN ACCIDENT CEREBROVAS-
CULAIRE PAR EEG

(71) THE UNIVERSITY OF QUEENSLAND
[AU/AU]; St. Lucia Campus, St. Lucia,
Queensland 4067 (AU).

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

(72, 75) FINNIGAN, Simon, Peter [AU/AU];
Centre for Magnetic Resonance, Research
Road, University of Queensland, St. Lucia,
Queensland 4067 (AU). CHALK, Jonathan,
Brandon [AU/AU]; Centre for Magnetic
Resonance, Research Road, University of
Queensland, St. Lucia, Queensland 4067
(AU). ROSE, Stephen, Edward [AU/AU];
Centre for Magnetic Resonance, Research

Road, University of Queensland, St. Lucia,
Queensland 4067 (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 A61B 5/053, A61N 1/37, 1/365

(11) WO 2004/096041 (13) A2

(21) PCT/US2004/011470

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/423,118 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR
IMPEDANCE SIGNAL LOCALIZA-
TIONS FROM IMPLANTED DEVICES

• PROCEDES ET APPAREIL POUR RE-
PERAGES DE SIGNAL D'IMPEDANCE
EN PROVENANCE DE DISPOSITIFS
IMPLANTES

(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) WANG, Li [US/US]; 4132 Park Valley
Lane, White Bear Township, MN 55110 (US).

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

Declaration / Déclaration :

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

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

(51)⁷ A61B 5/06

(11) WO 2004/096042 (13) A1

(21) PCT/IE2004/000062

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 2003/0333 2 May/mai 2003 IE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A POSITION MONITORING SYSTEM
• SYSTEME DE SURVEILLANCE DE POSI-
TION

(71) ATROPOS LIMITED [IE/IE]; Unit 4, Sun-
nybank Centre, Bray, County Wicklow (IE).
(for all designated States except / pour tous
les États désignés sauf US)

(72) ALLEN, Charles, Robert (deceased /
décédé).

(72, 75) GENG, Deli [CN/CN]; 19-706 CuiWei
Nanli, Haidian District, Beijing 100036 (CN).

(74) O'BRIEN, John, A. et al. / etc.; c/o John
A. O'Brien & Associates, Third Floor, Dun-
cairn House, 14 Carysfort Avenue, Blackrock,
County Dublin (IE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/08, G01N 21/03, 33/497, B29C
45/18

(11) WO 2004/096043 (13) A1

(21) PCT/SE2004/000617

(22) 22 Apr/avr 2004 (22.04.2004)

(25) sv (26) en

(30) 0301218-4 25 Apr/avr 2003 SE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN AIR GAS ANALYZER WINDOW
AND A METHOD FOR PRODUCING
SUCH A WINDOW

• FENETRE D'UN ANALYSEUR IR DE
GAZ ET PROCEDE DE PRODUCTION
DE CETTE FENETRE

(71) PHASE-IN AB [SE/SE]; Box 151, S-111 73
Stockholm (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ECKERBOM, Anders [SE/SE]; PI
669, S-185 41 Vaxholm (SE). ZYZANSKI,
Robert [SE/SE]; Eriksbergsgatan 13, S-114
30 Stockholm (SE).

(74) KARLSTRÖM, Lennart et al. / etc.;
Noréns Patentbyrå AB, Box 10198, S-100 55
Stockholm (SE).

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

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

(51)⁷ A61B 5/11

(11) WO 2004/096044 (13) A1

(21) PCT/JP2003/005618

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BODY MOVEMENT DETECTOR AND
VARIOUS DEVICES INCLUDING THE
DETECTOR

• DETECTEUR DE MOUVEMENTS
CORPORELS ET DIFFERENTS DIS-
POSITIFS COMPRENANT CE DETEC-
TEUR

(71, 72) TOMITA, Seijiro [JP/JP]; 13-5, Inogata
3-chome, Komae-shi, Tokyo 201-0015 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg.,
17-10, 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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 5/117

(11) WO 2004/096045 (13) A1

(21) PCT/JP2003/005619

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR DIS-
CRIMINATING INDIVIDUAL

• PROCEDE ET DISPOSITIF DE DIFFE-
RENCIATION D'INDIVIDUS

(71, 72) TOMITA, Seijiro [JP/JP]; 13-5, Inogata
3-chome, Komae-shi, Tokyo 201-0015 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg.,
17-10, 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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 5/15, G01N 33/48

(11) WO 2004/096046 (13) A1

(21) PCT/JP2004/005783

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-122763 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND TOOL FOR FILTRAT-
ING SPECIMEN USING SPECIMEN
SAMPLING CONTAINER, AND SPEC-
IMEN SAMPLING CONTAINER

• PROCEDE ET OUTIL DE FILTRAGE
D'EPROUVETTES UTILISANT UN RE-
CIPIENT D'ECHANTILLONNAGE
D'EPROUVETTES, ET RECI-
PIENT D'ECHANTILLONNAGE
D'EPROUVETTES

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP];
4-4, Nishitemma 2-chome, Kita-ku, Osaka-
shi, Osaka 5308565 (JP).

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

(72, 75) TOGAWA, Katsuya [JP/JP]; c/o Sek-
isui Chemical Co., Ltd., 4560, Kaiseicho,
Shunan-shi, Yamaguchi 7460006 (JP). ISO-
GAWA, Hironobu [JP/JP]; c/o Sekisui
Chemical Co., Ltd., Toranomon 2-chome
Tower, 2-3-17, Toranomon, Minato-ku,
Tokyo 1058450 (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 A61B 6/00

(11) WO 2004/096047 (13) A2

(21) PCT/FR2004/000987

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fr (26) fr

(30) 03 04987 23 Apr/avr 2003 FR (23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHANTOM WHICH IS INTENDED FOR THE QUALITY CONTROL OF A VIRTUAL RADIOTHERAPY TREATMENT SIMULATION SYSTEM

• FANTOME POUR LE CONTROLE QUALITE D'UN SYSTEME DE SIMULATION VIRTUELLE D'UN TRAITEMENT DE RADIOTHERAPIE

(71) ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS [FR/FR]; 3 avenue Victoria, F-75001 PARIS (FR).

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

(72, 75) FOULQUIER, Jean-Noël [FR/FR]; 47bis rue Carnot, F-94130 NOGENT-SUR-MARNE (FR). EL-BALAA, Hanna [LB/FR]; Domaine Chérioux - U308 - 4 route de Fontainebleau, F-94407 VITRY-SUR-SEINE (FR). LEFKOPOULOS, Dimitri [FR/FR]; 33 rue du Général Leclerc, F-77140 NEMOURS (FR).

(74) NEYRET, Daniel et al. / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).

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

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

(11) WO 2004/096048 (13) A1

(21) PCT/US2003/009418

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OSTEOPOROSIS SCREENING USING RADIOGRAPHIC ABSORPTIOMETRY OF THE MANDIBLE

• DEPISTAGE DE L'OSTEOPOROSE PAR L'ABSORPTIOMETRIE RADIOGRAPHIQUE DE LA MANDIBULE

(71) WRIGHT STATE UNIVERSITY [US/US]; 3640 Colonel Glenn Highway, Dayton, OH 45435 (US).

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

(72, 75) HANGARTNER, Thomas, Niklaus [US/US]; 1900 Kresswood Circle, Dayton, OH 45429 (US). SKIPPER, Julie, Ann [US/US]; 6418 Cheri Lynne Drive, Dayton, OH 45415 (US).

(74) JIVIDEN, William, A. et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 6/00

(11) WO 2004/096049 (13) A2

(21) PCT/US2004/012773

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,215 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATHETER IMAGING PROBE AND METHOD

• SONDE ET PROCÉDE D'IMAGERIE DE CATHETER

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West Seventh Street, Austin, TX 78701 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FELDMAN, Marc, D. [US/US]; 11 Royal Gardens Road, San Antonio, TX 78248 (US). MILNER, Thomas, E. [US/US]; 9201 Bladen Springs Cove, Austin, TX 78712 (US). CHEN, Shaochen [CN/US]; The University of Texas at Austin, Dept. of Mechanical Engineering, 1 University Station, C2200, Austin, TX 78712-0292 (US). KIM, Jeehyun [KR/US]; 1626 W. 6th Street #E, Austin, TX 78703 (US). HAN, Li-Hsin [—/US]; The University of Texas at Austin, Dept. of Mechanical Engineering, 1 University Station, C2200, Austin, TX 78712-0292 (US). OH, Jung-Hwan [KR/US]; 2501 Lake Austin Boulevard #E210, Austin, TX 78703 (US). LEE, Ho [KR/US]; 2501 Lake Austin Boulevard #J204, Austin, TX 78703 (US).

(74) SCHWARTZ, Ansel, M.; 201 N. Craig Street, Suite 304, Pittsburgh, PA 15213 (US).

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

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

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

(51)⁷ A61B 6/03

(11) WO 2004/096050 (13) A1

(21) PCT/GB2004/001747

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309379.6 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • X-RAY SCANNING SYSTEM

• SYSTEME DE BALAYAGE AUX RAYONS X

(71) CXR LIMITED [GB/GB]; Unit 5, Riverside Business Centre, Walnut Tree Close, Guildford GU1 4UG (GB).

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

(72, 75) MORTON, Edward, James [GB/GB]; 37 Banders Rise, Guildford, Surrey GU1 2SL (GB).

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

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

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

(51)⁷ A61B 8/06

(11) WO 2004/096051 (13) A1

(21) PCT/US2004/012690

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,020 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR BLOOD FLOW MEASUREMENT USING MILLIMETER WAVE BAND

• PROCÉDE ET APPAREIL DE MESURE DE FLUX SANGUIN AU MOYEN D'UNE BANDE D'ONDE MILLIMÉTRIQUE

(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) **NELSON, David** [US/US]; 22580 Bear Paw Drive, Chassell, MI 49961 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B 8/06**

(11) **WO 2004/096052** (13) A1

(21) PCT/US2004/012785

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,078 **24 Apr/avr 2003 (24.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR CONVERTING PAPER ECG PRINTOUTS TO DIGITAL ECG FILES

• PROCEDE ET SYSTEME PERMETTANT DE CONVERTIR DES COPIES PAPIER ECG EN FICHIERS NUMERIQUES ECG

(71) **A.M.P.S. L.L.C** [US/US]; Suite N° 21, 418 Central Park West, New York, NY 10025 (US).

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

(72) **BADILINI, Fabio, F.**; Via Paolo V1 34, I-25018 Montichiari (IT). **ERDEM, Tanju, A.**; Selim Ragip Emec Sok 13/4, Suadiye, 81070 Istanbul (TR).

(74) **ROACH, Laurence, S.**; Law Office of Thomas R. FitzGerald, Suite 210, 16 E. Main Street, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 8/12, 5/107**

(11) **WO 2004/096053** (13) A1

(21) PCT/US2003/035567

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en

(26) en

(30) 10/420,125 **21 Apr/avr 2003 (21.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR SONOGRAPHIC ELASTOGRAPHY OF THE CERVIX AND UTERINE WALL

• PROCEDE ET APPAREIL POUR L'ELASTOGRAPHIE PAR ECHOGRAPHIE DU COL ET DE LA PAROI UTERINE

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(72) **VARGHESE, Tomy**; 14 West Copper Circle, Madison, WI 53717 (US). **KLIEWER, Mark, Alan**; 121 North Prospect Avenue, Madison, WI 53726-4024 (US). **ZAGZEBSKI, James, A.**; 522 Dunning Street, Madison, WI 53704 (US).

(74) **BAXTER, Keith, M.**; Quarles & Brady LLP, 411 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**

(11) **WO 2004/096054** (13) A1

(21) PCT/US2003/023029

(22) **23 Jul/juil 2003 (23.07.2003)**

(25) en (26) en

(30) 60/459,180 **31 Mar/mar 2003 (31.03.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR DETECTING PATHOGENIC AGENTS

• METHODE DE DETECTION D'AGENTS PATHOGENES

(71) **WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION** [US/US]; 886 Chestnut Ridge Road, Morgantown, WV 26506-6845 (US).

(72) **REED, Eddie**; 901 Suncrest Place, Morgantown, WV 26505 (US). **SOISSON, Patrick, A.**; 6004 Woodlands Bluff Road, Morgantown, WV 26508 (US). **DUCATMAN, Barbara**; 3907 Westlake Drive, Morgantown, WV 26508 (US). **BROWN, Pamela**; 27 Cedarwood Drive, Morgantown, WV 26505 (US). **TRACY, Timothy**; 336 Laurel Street, Morgantown, WV 26505 (US).

(74) **EVANS, Paula, Campbell**; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

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

(51)⁷ **A61B 17/00**

(11) **WO 2004/096055** (13) A2

(21) PCT/US2004/011565

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) en (26) en

(30) 10/422,221 **24 Apr/avr 2003 (24.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MINIMALLY INVASIVE INSTRUMENTS AND METHODS FOR PREPARING VERTEBRAL END-PLATES

• INSTRUMENTS DE MICROMANIPULATION CHIRURGICALE ET PROCEDES POUR PREPARER DES PLATEAUX VERTEBRAUX

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

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

(72, 75) **SMITH, Maurice, M.** [US/US]; 9285 Oak Knoll Cove, Cordova, TN 38018 (US). **ROEHM, Thomas, E., III** [US/US]; P.O. Box 1372, Braden, TN 38010 (US). **LIM, Roy, K.** [US/US]; 8245 Vardon Lane, Cordova, TN 38016 (US).

(74) **THOMPSON, John, F.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

(51)⁷ **A61B 17/00, A61M 25/06**

(11) **WO 2004/096056** (13) A2

(21) PCT/US2004/012703

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 10/422,614 **24 Apr/avr 2003 (24.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE AND METHOD FOR POSITIONING A CLOSURE DEVICE

• DISPOSITIF ET METHODE POUR POSITIONNER UN DISPOSITIF DE FERMETURE

(71) ST. JUDE MEDICAL PUERTO RICO B.V. [NL/NL]; Drentesraat 20, NL-1083 Amsterdam (NL).

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

(72, 75) BELHE, Kedar, Ravindra [IN/IN]; 1601 Hill Ridge Terrace, Minnetonka, MN 55305 (US). FORSBERG, Andrew, Thomas [US/US]; 2917 33rd Avenue South, Minneapolis, MN 55406 (US).

(74) BRUHN, David, E. et al. / etc.; Dorsey & Whitney LLP, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 17/00

(11) WO 2004/096057 (13) A2

(21) PCT/US2004/013291

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,378 29 Apr/avr 2003 US (29.04.2003)

(30) 10/764,103 23 Jan/jan 2004 US (23.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SURGICAL STAPLING DEVICE WITH DISSECTING TIP

• DISPOSITIF D'AGRAFAGE CHIRURGICAL AVEC POINTE DE DISSECTION

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

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

(72, 75) SCIRICA, Paul, A. [US/US]; 264 Thompson Street, Huntington, CT 06484 (US). OLSON, Lee, Ann [US/US]; 125 South Elm Street, Wallingford, CT 06492 (US). DEMMY, Todd, L. [US/US]; 8145 Floss Lane, East Amherst, NY 14051 (US).

(74) AUDET, Paul, R. et al. / etc.; Tyco Healthcare Group LLP, 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 17/08, A61C 3/10

(11) WO 2004/096058 (13) A1

(21) PCT/US2003/009286

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BREAST COMPRESSING DEVICE

• DISPOSITIF DE COMPRESSION DU SEIN

(71, 72) SARANGO, Maria [US/US]; 76 Vista Mortemar, Laguna Niguel, CA 92677 (US).

(74) CULLMAN, Louis, C. et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 840 Newport Center Drive, Suite 700, Newport Beach, CA 92660-7007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61B 17/11, 17/064

(11) WO 2004/096059 (13) A1

(21) PCT/BE2003/000126

(22) 22 Jul/juil 2003 (22.07.2003)

(25) en (26) en

(30) PCT/BE03/00074 28 Apr/avr 2003 BE (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREW-DEVICE FOR ANASTOMOSIS
• SYSTEME DE VIS POUR ANASTOMOSE

(71, 72) DE WINTER, Erwin [BE/BE]; Drabstraat 109, B-2640 Mortsel (BE).

(74) LUYIS, Marie-José et al. / etc.; Gevers & Vander Haeghen, Intellectual Property House, Brussels Airport Business Park, Holidaystraat 5, B-1831 Diegem (BE).

(81) AE AG AL AM AT 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 A61B 17/12

(11) WO 2004/096060 (13) A2

(21) PCT/US2004/012319

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/426,107 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LEFT ATRIAL APPENDAGE OCCLUSION DEVICE WITH ACTIVE EXPANSION

• DISPOSITIF D'OCCLUSION DE L'APPENDICE DE L'OREILLETTE GAUCHE A EXPANSION ACTIVE

(71) EV3 SUNNYVALE, INC. [US/US]; 4600 Nathan Lane North, Plymouth, MN 55442-2920 (US).

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

(72, 75) FRAZIER, Andrew, G., C. [US/US]; 517 Fern Ridge Court, Sunnyvale, CA 94087 (US). KHAIRKHAHAN, Alexander, K. [US/US]; 1105 Lincoln Avenue, Palo Alto, CA 94301 (US). VAN DER BURG, Erik, J. [US/US]; 16417 Peacock Lane, Los Gatos, CA 95032 (US). ROUE, Chad, C. [US/US]; 845 Posada Way, Fremont, CA 94536 (US). KLENK, Alan, R. [US/US]; 4851 Clarendon Drive, San Jose, CA 95129 (US).

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

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

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

(51)⁷ A61B 17/20, 17/32

(11) WO 2004/096061 (13) A1

(21) PCT/US2003/009099

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ULTRASONIC PROBE USED WITH A PHARMACOLOGICAL AGENT

• SONDE A ULTRASONS UTILISEE EN ASSOCIATION AVEC UN AGENT PHARMACOLOGIQUE

(71) OMNISONICS MEDICAL TECHNOLOGIES, INC. [US/US]; 66 Concord Street, Wilmington, MA 01887 (US).

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

- (72, 75) **RABINER, Robert, A.** [US/US]; 14 Equestrian Drive, North Reading, MA 01864 (US). **HARE, Bradley, A.** [US/US]; A-2 30 Worthen Street, Chelmsford, MA 01824 (US). **MARCIANTE, Rebecca, I.** [US/US]; 3 McArthur Road, North Reading, MA 01864 (US). **BUFFEN, Elaine, S.** [US/US]; 66 Powder Hill Way, Westborough, MA 01581 (US). **GOSNELL, Mark, R.** [US/US]; 318 Conant Road, Weston, MA 02493-1755 (US). **SENSENEY-MELLOR, Heather, L.** [US/US]; 53B Durham Point Road, Durham, NH 03824 (US).

- (74) **DYKEMAN, David, J.**; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

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

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

(51)⁷ A61B 17/22

(11) WO 2004/096062 (13) A1

(21) PCT/US2003/009163

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • APPARATUS AND METHOD FOR USING AN ULTRASONIC PROBE TO CLEAR A VASCULAR ACCESS DEVICE

• APPAREIL ET PROCÉDE POUR UTILISER UNE SONDE A ULTRASONS POUR DEGAGER UN DISPOSITIF D'ACCES VASCULAIRE

- (71) **OMNISONICS MEDICAL TECHNOLOGIES, INC.** [US/US]; 66 Concord Street, Wilmington, MA 01887 (US).

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

- (72, 75) **RABINER, Robert, A.** [US/US]; 14 Equestrian Drive, North Reading, MA 01864 (US). **HARE, Bradley, A.** [US/US]; A-2 30 Worthen Street, Chelmsford, MA 01824 (US). **MARCIANTE, Rebecca, I.** [US/US]; 3 McArthur Road, North Reading, MA 01864 (US). **RANUCCI, Kevin, J.** [US/US]; 51 Raymond Tatro Lane, North Attleboro, MA 02760 (US). **VARADY, Mark, J.** [US/US]; 278 Central Street, Holliston, MA 01746 (US). **ROBERTSON, Roy, M.** [US/US]; 80 Little Neck Road, Ipswich, MA 01938 (US). **PRASAD, Janniah, S.** [US/US]; 435 Row-alyton Avenue, Norwalk, CT 06854 (US). **COLGAN, Peter, C.** [US/US]; 172 Old Billerica Road, Bedford, MA 01730 (US).

- (74) **DYKEMAN, David, J.**; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

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

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

(51)⁷ A61B 17/22

(11) WO 2004/096063 (13) A1

(21) PCT/US2004/010958

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/422,499 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • RETRACTABLE GRASPER

• DISPOSITIF DE PRISE RETRACTABLE

- (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, 75) **TEAGUE, James, A.** [US/US]; RR#5 Box 306, Spencer, IN 47460 (US). **SMITH, Jeffrey, C.** [US/US]; PO Box 146, Cloverdale, IN 46120 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 17/32

(11) WO 2004/096064 (13) A1

(21) PCT/US2004/013083

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/425,211 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • APPARATUS AND METHOD FOR DERMAL PUNCH AND FOLLICULAR UNIT CIRCUMFERENTIAL INCISION

• APPAREIL ET PROCÉDE DE PERFORATION DE LA PEAU A L'EMPORTE-PIECE ET D'INCISION CIRCUMFERENTIELLE D'UNITE FOLLICULAIRE

- (71, 72) **FELLER, Alan, S.** [US/US]; 287 Northern Boulevard, Suite 200, Great Neck, NY 11021 (US).

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

(51)⁷ A61B 17/56

(11) WO 2004/096065 (13) A1

(21) PCT/US2003/009251

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PEDICLE SCREW SPINAL FIXATION DEVICE

• DISPOSITIF DE FIXATION VERTEBRAL A VIS PEDICULAIRE

- (71, 72) **BRYAN, Donald, W.** [US/US]; 6151 South Woodland Drive, Ogden, UT 84403 (US).

- (74) **CANNON, Karl, R.**; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091 (US).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/096066 (13) A2

(21) PCT/US2004/012367

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,340 25 Apr/avr 2003 US (25.04.2003)

(30) 60/470,149 **13 May/mai 2003** US
(13.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPINAL CURVATURE CORRECTION DEVICE
• DISPOSITIF DE CORRECTION DE COURBURE DE LA COLONNE VERTEBRALE

(71, 72) KITCHEN, Michael, S. [US/US]; 728 Willowlake Road, Charleston, SC 29412 (US).

(74) KILLOUGH, B., Craig; Barnwell Whaley Patterson & Helms, LLC, P.O. Drawer H, Charleston, SC 29402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 A61B 17/72

(11) WO 2004/096067 (13) A2

(21) PCT/GB2004/001867

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309695.5 **29 Apr/avr 2003** GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS

• APPAREIL

(71) GRAMPIAN UNIVERSITY HOSPITALS NHS TRUST [GB/GB]; Foresterhill House, Ashgrove Road West, Aberdeen AB25 2ZB (GB).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) JOHNSTONE, Alan, John [GB/GB]; The Elms, 7 North Deeside Road, Bieldside, Aberdeen AB15 9AD (GB).

(74) MURGITROYD & COMPANY; 165-169 Scotland Street, Glasgow G5 8PL (GB).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/80, 17/70

(11) WO 2004/096068 (13) A1

(21) PCT/US2004/010093

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/423,712 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NON-METALLIC ORTHOPEDIC PLATE

• PLAQUE ORTHOPEDIQUE NON METALLIQUE

(71) SDGI HOLDINGS INC. [US/US]; 300 Delaware Avenue Suite 508, Wilmington, DE 19801 (US).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) SHIPP, Kenneth, J. [US/US]; 927 Stonehedge Cove, Collierville, TN 38017 (US). GARDEN, Ben [US/US]; 200 Sussex Court, Cordova, TN 38018 (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ A61B 17/88, B25B 15/04

(11) WO 2004/096069 (13) A1

(21) PCT/IB2004/001244

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,758 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DETACHABLE SURGICAL RATCHET

• AGENCEMENT CHIRURGICAL DETACHABLE D'ENCLIQUEMENT

(71) PRECIMED S.A. [CH/CH]; 7, l'Echelette, CH-2534 Orvin (CH).
(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) LECHOT, André [CH/CH]; 24, Sous l'Eau-Belle, CH-2534 Orvin (CH). FEHLBAUM, Philippe [CH/CH]; Fin de Forel 4, CH-2523 Lignières (CH).

(74) MOETTELI, John; Moetteli & Associés, Case postale 486, CH-1211 Genève 12 (CH).

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

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

Published / Publiée : (a)

Declarations / Déclarations :

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

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

(u) *for / pour US only / seulement*

(51)⁷ A61B 18/14

(11) WO 2004/096070 (13) A1

(21) PCT/US2004/012270

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/425,531 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ENDOCARDIAL DISPERSIVE ELECTRODE FOR USE WITH A MONOPOLAR RF ABLATION PEN

• ELECTRODE DISPERSIVE ENDOCARDIQUE A UTILISER AVEC UN

STYLET D'ABLATION RF MONOPO-LAIRE

(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) **BRISCOE, Roderick, E.** [US/US]; 13177 Oakwood Drive, Rogers, MN 55374 (US).

(74) **LATHAM, Daniel, W. et al. / etc.;** MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 A61B 18/18, 10/00, 18/04, 18/14

(11) WO 2004/096071 (13) A1

(21) PCT/US2004/005678

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 10/423,627 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERAPEUTIC APPARATUS HAVING INSULATED REGION AT THE INSERTION AREA

• APPAREIL THERAPEUTIQUE POSSEDANT UNE REGION ISOLEE AU NIVEAU D'UNE ZONE D'INSERTION

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

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

(72) **SWANSON, David, K.;** 1458 Ridgeley Drive, Campbell, CA 95008 (US).

(74) **SLAVIN, Craig, A.;** Henricks, Slavin & Holmes LLP, 840 Apollo Street, Suite 200, El Segundo, CA 90245 (US).

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

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

(51)⁷ A61B 18/20

(11) WO 2004/096072 (13) A1

(21) PCT/IB2004/001278

(22) 27 Apr/avr 2004 (27.04.2004)

(25) it (26) en

(30) BO2003A000261 2 May/mai 2003 IT (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A LIGHT RAY UNIT FOR DIAGNOSIS AND TREATMENT OF SKIN PROBLEMS

• UNITE LEGERE DE TRAITEMENT POUR LE DIAGNOSTIC ET LE TRAITEMENT DE PROBLEMES DERMATOLOGIQUES

(71) **O.I. OESSE INTERNATIONAL S.R.L.** [IT/IT]; Via Ruffini, 158, I-41100 Modena (IT).

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

(72, 75) **MAGRI, Michael** [IT/IT]; Via Castelnovo Rangone, 4, I-41050 Colombara (IT).

(74) **COLLI, Alfonso,;** c/o Bugnion Spa, 22, Via Paolo Borsellino, 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).

Published / Publiée : (c)

(51)⁷ A61B 19/02

(11) WO 2004/096073 (13) A2

(21) PCT/FR2004/001022

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05150 28 Apr/avr 2003 FR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PACKAGING FOR THE INDIVIDUAL PRESENTATION OF AT LEAST ONE SCREW, ASSEMBLY FOR PACKING AND DISPLAYING OSTEOSYNTHESIS EQUIPMENT AND PROTECTIVE ASSEMBLY COMPRISING ONE SUCH PACKAGING

• EMBALLAGE POUR LA PRESENTATION INDIVIDUELLE D'AU MOINS UNE VIS, ENSEMBLE D'EMBALLAGE ET DE PRESENTATION DE MATERIEL D'OSTEOSYNTHESE ET ENSEMBLE DE PROTECTION COMPRENANT UN TEL EMBALLAGE

(71, 72) **CARON, Philippe** [FR/FR]; 22, rue Nansouty, 98713 Papeete (PF).

(74) **CARDY, Sophie et al. / etc.;** Cabinet Beau de Lomenie, 158, rue de l'Université, F-75340 Paris cedex 07 (FR).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096074 (13) A2

(21) PCT/US2004/012350

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/424,114 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYGIENIC TREATMENTS OF STRUCTURES IN BODY CAVITIES

• TRAITEMENTS HYGIENIQUES DE STRUCTURES DANS DES CAVITES CORPORELLES

(71) **ORALUM LLC** [US/US]; 560 Trinidad Lane, Foster City, CA 94404 (US).

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

(72, 75) **BLACK, Michael** [US/US]; 560 Trinidad Lane, Foster City, CA 94404 (US).

(74) **ALBOSZTA, Marek et al. / etc.;** Lumen IPS, 2345 Yale Street, 2nd Floor, Palo Alto, CA 94306 (US).

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

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

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

(51)⁷ A61C 8/00

(11) WO 2004/096075 (13) A1

(21) PCT/DE2004/000868

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 103 19 036.8 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DENTAL IMPLANT

• IMPLANT DENTAIRE

(71) VOLZIRKON GMBH & CO. KG [DE/DE]; Menizhoferweg 6, 88709 Meersburg (DE).

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

(72, 75) VOLZ, Ulrich [DE/DE]; Menizhoferweg 6, 88709 Meersburg (DE).

(74) DOBLER, Markus et al. / etc.; Karlstrasse 8, 88212 Ravensburg (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 A61C 9/00

(11) WO 2004/096076 (13) A1

(21) PCT/FR2004/000977

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fr (26) fr

(30) 03/05054 24 Apr/avr 2003 FR (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DENTAL IMPRESSION TRAY COMPRISING WEDGING MEANS

• PORTE-EMPREINTE DENTAIRE EQUIPE DE MOYENS DE CALAGE

(71, 72) DESABRE, Laurent [FR/FR]; 75 Boulevard de Courtais, F-03000 Moulins (FR). JEAN, Bernard [FR/FR]; Les Cèdres, F-03210 Noyant D'Allier (FR). LECOURT, Jean-Christophe [FR/FR]; 57 Chemin de Chavennes, F-03000 Avermes (FR).

(74) SCHOULLER, Jean-Philippe; Cabinet Lavoix, 56, avenue de Royat - B.P. 27, F-63401 Chamalieres 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 A61C 13/08

(11) WO 2004/096077 (13) A1

(21) PCT/JP2003/005592

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARTIFICIAL TEETH, JIG FOR ALIGNING THE ARTIFICIAL TEEH, ALIGNING METHOD AND DENTURE

• PROTHESE DENTAIRE, APPAREIL D'ALIGNEMENT DE DENTS ARTIFICIELLES, PROCEDE D'ALIGNEMENT ET DENTURE

(71) HERAEUS KULZER JAPAN CO., LTD. [JP/JP]; 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

(72, 75) KOIDE, Kaoru [JP/JP]; 703-1, Yorri-cho, Niigata-shi, Niigata 951-8113 (JP).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CN JP US.

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

Published / Publiée : (a), (n)

Declaration / Déclaration :

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

(51)⁷ A61C 17/02, 19/06

(11) WO 2004/096078 (13) A1

(21) PCT/AT2004/000128

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) A 632/2003 25 Apr/avr 2003 AT (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR DENTAL AND PERIODONTAL TREATMENT AND/OR PROPHYLACTICS

• DISPOSITIF DE TRAITEMENT ET/OU DE PROPHYLAXIE DENTAIRE ET PARODONTAL(E)

(71, 72) DECRINIS, Gert [AT/AT]; Hoffeldstrasse 4, A-8742 Obdach (AT). RAINER, Heribert [AT/AT]; Renngasse 3, A-9020 Klagenfurt (AT).

(74) SCHWARZ, Albin et al. / etc.; Wipplingerstrasse 32/22, A-1010 Wien (AT).

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

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

(51)⁷ A61D

(11) WO 2004/096079 (13) A2

(21) PCT/US2004/012637

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/466,021 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANIMAL RESTRAINT

• DISPOSITIF DE CONTENTION POUR ANIMAUX

(71, 72) BLOMMEL, Ronald, J. [US/US]; 601 E. 16th Avenue, Denver, Colorado 80203 (US).

(74) FREUND, Samuel, M. et al. / etc.; Cochran Freund & Young LLC, 3555 Stanford Road, Suite 230, Fort Collins, Colorado 80525 (US).

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

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

(51)⁷ A61F

(11) WO 2004/096080 (13) A2

(21) PCT/US2004/010902

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 60/465,902 25 Apr/avr 2003 US (25.04.2003)

(30) 10/462,098 13 Jun/juin 2003 US (13.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR MINIMALLY INVASIVE POSTERIOR FIXATION

• SYSTEME ET METHODE POUR UNE FIXATION POSTERIEURE MINIMALEMENT INVASIVE

(71) VERTELINK CORPORATION [US/US]; 30 Hughes, Suite 206, Irvine, CA 92618 (US).

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

- (72, 75) NGUYEN, Thanh, V. [US/US]; 4572 Roxbury Drive, Irvine, CA 92604 (US). SHAOLIAN, Samuel, M. [US/US]; 2315 Arbutus Street, Newport Beach, CA 92660 (US). TEITELBAUM, George, P. [US/US]; 325 16th Street, Santa Monica, CA 90402 (US). HENSON, Michael, R. [US/US]; 2 Via Presea, Coto de Caza, CA 92679 (US). PHAM, To, V. [US/US]; 28422 Pueblo Drive, Trabuco Canyon, CA 92679 (US).

- (74) ALTMAN, Daniel, E.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

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

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

(51)⁷ A61F

(11) WO 2004/096081 (13) A2

(21) PCT/US2004/012603

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/422,085 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • TRANSFER NEEDLE SAFETY APPARATUS
• APPAREIL SECURISE D'AIGUILLE DE TRANSFERT

- (71) TYCO HEALTHCARE GROUP LP [US/US]; 15 Hampshire Street, Mansfield, MA 02048 (US). BIOMERIEUX, INC. [US/US]; 100 Rodolphe Street, Durham, NC 27712 (US).

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

- (72, 75) SAMPSON, Eric [US/US]; 3040 Malcolm Drive, Deltona, FL 32738 (US). RON-SICK, Christopher, S. [US/US]; 1817 Duke Homestead Road, Durham, NC 27705 (US).

- (74) LEONARDO, Mark, S.; Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US).

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

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

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

(51)⁷ A61F

(11) WO 2004/096082 (13) A2

(21) PCT/US2004/012758

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,134 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NONINVASIVE BLOOD ANALYSIS BY OPTICAL PROBING OF THE VEINS UNDER THE TONGUE

- ANALYSE SANGUINE NON-INVASIVE PAR SONDAGE OPTIQUE DES VEINES SUBLINGUALES

- (71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 W. 7th Street, Suite 820, Austin, TX 78701 (US).

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

- (72, 75) ESENALIEV, Rinat, O. [US/US]; 6315 Central City Blvd. #117, Galveston, TX 77551 (US). PROUGH, Donald S. [US/US]; 2602 Avenue 0, Galveston, TX 77550 (US).

- (74) STROZIER, Roibert; P.O. Box 429, 5300 Braeswood Blvd., #369, Houston, Texas 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 A61F

(11) WO 2004/096083 (13) A2

(21) PCT/US2004/013117

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,315 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SPRING-OVER-MUSCLE ACTUATOR
• ACTIONNEUR A RESSORT SUR MUSCLE

- (71) ARIZONA BOARD OF REGENTS acting on behalf of ARIZONA STATE UNIVERSITY [US/US]; P.O. Box 873511, Tempe, AZ 85287-3511 (US).

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

- (72, 75) SUGAR, Thomas, G. [US/US]; 750 West Baseline Road #3149, Tempe, AZ

85283 (US). CARHART, Michael, R. [US/US]; 9080 E. Davenport Drive, Scottsdale, AZ 85260 (US).

- (74) DAO, Tom, H.; Christie Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096084 (13) A2

(21) PCT/US2004/000306

(22) 8 Jan/jan 2004 (08.01.2004)

(25) en (26) en

(30) 10/424,680 28 Apr/avr 2003 US (28.04.2003)

(30) 10/736,808 15 Dec/déc 2003 US (15.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • BREATHING NORMALIZER APPARATUS

- APPAREIL DE NORMALISATION DE LA RESPIRATION

- (71, 72) PIVOVAROV, Alexander [RU/US]; 27 N.W. 45th Avenue, #208, Deerfield Beach, FL 33442 (US).

- (74) BOWEN, Mark, D.; Stearns Weaver Miller Weissler Alhadeff & Sitterson, P.A., 200 E. Broward Boulevard, Suite 1900, Ft. Lauderdale, FL 33301 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61F

(11) WO 2004/096085 (13) A2

(21) PCT/US2004/009104

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,199 **27 Mar/mar 2003** US
(27.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NANOFIBERS AS A NEURAL BIOMATERIAL
• NANOFIBRES SERVANT DE BIOMATIERE NEURALE

(71) **PURDUE RESEARCH FOUNDATION** [US/US]; 3000 Kent Avenue, West Lafayette, IN 47906 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBSTER, Thomas, J.** [US/US]; 1202 Burberry Drive East, Apt. #169, Lafayette, IN 47905 (US). **MCKENZIE, Janice, L.** [US/US]; 220 Ferry St. #4, Lafayette, IN 47901 (US).

(74) **CONTE, James, B.** et al. / etc.; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 A61F 2/00

(11) **WO 2004/096086** (13) A1

(21) PCT/EP2004/004169

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) de (26) de

(30) 203 06 635.9 **28 Apr/avr 2003** DE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SURGICAL PLANAR PLUG
• PIECE D'INSERTION CHIRURGICALE PLANE

(71) **GFE MEDIZINTECHNIK GMBH** [DE/DE]; Höfener Strasse 45, 90431 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZIMMERMANN, Hannörg** [DE/DE]; Pestalozzing 19, 90574 Rosstal (DE).

(74) **HÜBNER, Gerd** et al. / etc.; Königstrasse 2, 90402 Nürnberg (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 A61F 2/00

(11) **WO 2004/096087** (13) A1

(21) PCT/US2003/012742

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

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • MALE URETHRAL SPHINCTER PROSTHESIS
• PROTHESE DE SPHINCTER URETRAL MASCULIN

(71) **AMS RESEARCH CORPORATION** [US/US]; 10700 Bren Road West, Minnetonka, MN 55343 (US).

(71, 72) **SIEGEL, Steven, W.** [US/US]; 17 North Oaks Road, North Oaks, MN 55127 (US).

(72) **ARNAL, Kevin, R.**; 8661 Chanhassen Hills Drive, North, Chanhassessn, MN 55317 (US).

(74) **CRIMMINS, John, L.** et al. / etc.; 2200 Wells Fargo Center, 90 South Seventh Street, Minneapolis, MN 55402-3901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

(51)⁷ A61F 2/00

(11) **WO 2004/096088** (13) A2

(21) PCT/US2004/012857

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 60/465,722 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SYSTEMS AND METHODS FOR SLING DELIVERY AND PLACEMENT
• SYSTEMES ET METHODES D'INTRODUCTION ET DE MISE EN PLACE DE FRONDE

(71) **SCIMED LFE 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, 75) **CHU, Michael, S., H.** [US/US]; 121 Browne Street, Brookline, MS 02446 (US). **MCGRATH, Michael, G.** [US/US]; 19 Ostego Drive, Hudson, MA 01749 (US). **MACLEAN, Brian, Charles** [US/US]; 7 Charlotte Road, Waltham, MA 02453 (US). **DAIGNAULT, Kenneth, J.** [US/US]; 50 Winfield Road, Holden, MA 01520 (US).

(74) **BIANCO, John, V.** 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 A61F 2/01

(11) **WO 2004/096089** (13) A2

(21) PCT/US2004/012356

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/466,491 **29 Apr/avr 2003** US
(29.04.2003)

(30) 10/800,299 **12 Mar/mar 2004** US
(12.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • DISTAL PROTECTION DEVICE
• DISPOSITIF DE PROTECTION DISTAL

(71) **REX MEDICAL, L.P.** [US/US]; 555 North Lane, Suite 6101, Conshohocken, PA 19428 (US).

(72) **McGUCKIN, James, F., Jr.**; 585 County Line Road, Radnor, PA 19087 (US). **PETERS, Walter, H.**; 1206 New Hampshire

- Lane, Downingtown, PA 19335 (US). HINCHLIFFE, Peter, W., J.; 25 High Meadow Road, Campbell Hall, NY 10916 (US). TASHJIAN, Paul; 404 Covered Bridge Road, King of Prussia, PA 19406 (US).
- (74) GERSHON, Neil, D.; Rex Medical, L.P., 2023 Summer St, Suite 2, Stamford, CT 06905 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC 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 SI SK TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61F 2/06
- (11) WO 2004/096090 (13) A1
- (21) PCT/EP2004/004471
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) de (26) de
- (30) 103 20 517.9 29 Apr/avr 2003 DE (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ENDOVASCULAR PROSTHESIS FOR IMPLANTING INTO A VESSEL AND SYSTEM COMPRISING AN ENDOVASCULAR PROSTHESIS OF THIS TYPE
- PROTHESE ENDOVASCULAIRE DESTINEE A ETRE IMPLANTEE DANS UN VAISSEAU ET SYSTEME COMPRENANT UNE TELLE PROTHESE ENDOVASCULAIRE
- (71) EBERHARD-KARLS-UNIVERSITÄT TÜBINGEN UNIVERSITÄT-SKLINIKUM [DE/DE]; Geissweg 3, 72076 Tübingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHEULE, Albertus [DE/DE]; Stauffenbergstrasse 74, 72074 Tübingen (DE).
- (74) HEUCKEROTH, Volker et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ A61F 2/06
- (11) WO 2004/096092 (13) A1
- (21) PCT/IB2004/002073
- (22) 3 May/mai 2004 (03.05.2004)
- (25) en (26) en
- (30) 60/467,625 2 May/mai 2003 US (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • VASCULAR GRAFT AND DEPLOYMENT SYSTEM
- GREFFE VASCULAIRE ET SYSTEME DE MISE EN PLACE
- (71, 72) SEGUIN, Jacques [GB/GB]; Riverway the Friary, Old Windsor, Berkshire SLN 2NF (GB).
- (72, 75) LABORDE, Jean-Claude [FR/FR]; 1, chemin des coteaux, F-31320 Vieille-Toulouse (FR).
- (74) PILKINGTON, Stephanie, J.; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 A61F 2/06, B65D 73/02
- (11) WO 2004/096093 (13) A1
- (21) PCT/US2004/011980
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/422,940 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND APPARATUS FOR AUTOMATED HANDLING OF MEDICAL DEVICES DURING MANUFACTURE
- PROCEDE ET APPAREIL POUR LA MANIPULATION AUTOMATISEE DE DISPOSITIFS MEDICAUX PENDANT LA FABRICATION DE CEUX-CI
- (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, 75) HAYES, Michael [IE/IE]; 34 Churchfields, Galway (IE).
- (74) RINGEL, Douglas, E. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ A61F 2/06, 2/02, A61B 17/11
- (11) WO 2004/096094 (13) A2
- (21) PCT/US2004/012593
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 10/424,023 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF MAINTAINING PATENCY OF OPENING IN THIRD VENTRICLE FLOOR

- TECHNIQUE DE MAINTIEN DE LA PERMEABILITE DE L'OUVERTURE DU PLANCHER DU TROISIEME VEN-TRICULE

(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) **ALBRIGHT, Leland, A.**; 248 Lytton Avenue, Pittsburgh, PA 15213 (US).

(74) **SHUMAKER, Steven, J.**; Shumaker & Siefert, P.A., Suite 105, 8425 Seasons Parkway, Saint 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

(51)⁷ A61F 2/06

(11) **WO 2004/096095** (13) A2

(21) PCT/US2004/012973

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/466,226 **28 Apr/avr 2003 US (28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPLIANT VENOUS GRAFT

- GREFFE VEINEUSE COMPLIANTE

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432 (US).

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

(72, 75) **ZILLA, Peter** [AT/AT]; 141 Dal Road, Camps Bay, Cape Town (ZA). **RAFIEE, Nasser** [US/US]; 39 Abbot Street, Andover, MA 01810 (US). **BEZUIDENHOUT, Deon** [ZA/ZA]; 3 Capri Court, Davenport Road, Vredehoek, 8001 Cape Town (ZA). **FRANZ, Thomas** [DE/DE]; 8 Stellenhof, 3 Escombe Road, 8001 Vredehoek (ZA). **YEOMAN, Mark** [GB/GB]; 101 Greenpark, St. Andrews Road, 7700 Rondebosch (ZA). **BOWLES, Helmut** [ZA/ZA]; 40 Tritonia Road, 7441 Bloubergstrand (ZA). **DOUK, Nareak**; 710 Medtronic Parkway N.E., Minneapolis, MN 55432 (US). **WOLF, Michael** [US/US]; 115 Edgewood Avenue South, Golden Valley, MN 55426 (US).

(74) **HALLER, James, R.** et al. / etc.; Fredrikson & Byron, P.A., Suite 4000, 200 South Sixth Street, Minneapolis, MN 55402-1425 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096096** (13) A1

(21) PCT/US2004/013094

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/424,621 **28 Apr/avr 2003 US (28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRUG-LOADED MEDICAL DEVICE

- DISPOSITIF MEDICAL CONTENANT UN MEDICAMENT

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

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

(72, 75) **LI, Jianmin** [US/US]; 21 Bartlett Avenue, Lexington, MA 02420 (US).

(74) **PARK, Keum, J.** et al. / etc.; Mayer Fortkort & Williams, PC, 251 North Ave. 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).

Published / Publiée : (c)

(51)⁷ A61F 2/06, A61B 17/22

(11) **WO 2004/096097** (13) A2

(21) PCT/US2004/005570

(22) **25 Feb/fév 2004 (25.02.2004)**

(25) en (26) en

(30) 10/423,598 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CUTTING STENT AND BALLOON

- TUTEUR ET BALLONNET DE COUPE

(71) **SCIMED LIFE SYSTEMS INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

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

(72) **SHAW, William J.**; 50 Trowbridge Street, Apt. #4, Cambridge, MA 02138 (US).

STENZEL, Eric B.; Kilcloghans Tuam Co., Galway (IE). **WANG, Lixiao**; 1205 Oakview Road, Long Lake, MN 55356 (US).

(74) **URZEDOWSKI, James M.**; Vidas, Arrett & Steinkraus, Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/12

(11) **WO 2004/096098** (13) A1

(21) PCT/IB2004/001311

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 2003/3281 **29 Apr/avr 2003 ZA (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROTHESIS FOR SOFT TISSUE SUPPORT

- PROTHESE DE MAINTIEN POUR TISSUS MOUS

(71) **FORMHOLD MEDICAL INVESTMENT HOLDINGS** [ZA/ZA]; First Floor, Erasmusrand Centre, Cnr Rigel / Buffelsdrift Avenues, Erasmusrand 0181, Gauteng (ZA).

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

(72, 75) **HAMILTON, Jonathan** [ZA/ZA]; 36 Sibongele Gardens, Eastwood Road, 2156 Randpark Ridge (ZA). **LAURYSEN, Gary, Pierre** [ZA/ZA]; 40 Centurion Drive, Gauteng, 0169 Centurion Residential Estate (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).

(51)⁷ A61F 2/16

(11) **WO 2004/096099** (13) A1

(21) PCT/JP2004/006149

(22) **28 Apr/avr 2004 (28.04.2004)**

- (25) ja (26) ja
- (30) 2003-124256 **28 Apr/avr 2003** JP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SINGLE PIECE INTRAOCULAR LENS AND METHOD FOR PRODUCING SAME
• LENTILLE INTRAOCULAIRE D'UNE SEULE PIECE ET PROCEDE DE FABRICATION ASSOCIE
- (71) HOYA HEALTHCARE CORPORATION [JP/JP]; 7-5, Nakaochiai 2-chome Shinjuku-ku Tokyo, 1610032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUROSAKA, Daijiro [JP/JP]; 2-12-17, Tamagawadenenchoh Setagaya-ku Tokyo, 1580085 (JP). SHIBUYA, Akihiko [JP/JP]; C/O HOYA HEALTHCARE CORPORATION 7-5, Nakaochiai 2-chome Shinjuku-ku Tokyo, 1610032 (JP). MITOMO, Kikuo [JP/JP]; C/O HOYA HEALTHCARE CORPORATION 7-5, Nakaochiai 2-chome Shinjuku-ku Tokyo, 1610032 (JP). TATSUSHI, Tomomitsu [JP/JP]; C/O HOYA HEALTHCARE CORPORATION 7-5, Nakaochiai 2-chome Shinjuku-ku Tokyo, 1610032 (JP).
- (74) ANIYA, Setuo et al. / etc.; 21 TOWA BLDG. 3F, 4-6-1, Iidabashi Chiyoda-ku Tokyo, 1020072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61F 2/24
- (11) WO 2004/096100 (13) A1
- (21) PCT/US2004/012430
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/465,141 **24 Apr/avr 2003** US
(24.04.2003)
- (30) 60/530,781 **18 Dec/déc 2003** US
(18.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ARTIFICIAL VALVE PROSTHESIS WITH IMPROVED FLOW DYNAMICS
• PROTHESE A VALVE ARTIFICIELLE, A DYNAMIQUE D'ECOULEMENT AMELIOREE
- (71) COOK INCORPORATED [US/US]; 750 North Daniel's Way, P.O. Box 489, Bloomington, IN 47402-0489 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CASE, Brian, C. [US/US]; 841 Rosewood Drive, Bloomington, IN 47401 (US).

- FLAGLE, Jacob, A. [US/US]; 2200 East Seventh Street, Bloomington, IN 47408 (US). GARRISON, Michael, L. [US/US]; 5217 Kingsley Drive, Indianapolis, IN 46220 (US). HOFFA, Andrew, K. [US/US]; 550 West Fairway Lane, Bloomington, IN 47403 (US). SCHAEFFER, Darin, G. [US/US]; 3011 S. Market Place, Bloomington, IN 47403 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A61F 2/30
- (11) WO 2004/096101 (13) A1
- (21) PCT/CN2004/000245
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/425,465 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROSTHETIC DEVICE FOR TOTAL JOINT REPLACEMENT IN SMALL JOINT ARTHROPLASTY
• DISPOSITIF PROTHETIQUE POUR REMPLACEMENT TOTAL D'ARTICULATION DANS UNE ARTHROPLASTIE D'ARTICULATION DE PETITE TAILLE
- (71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72) CHOW, Shewping; Block 5, Flat C, 23 Sha Wan Drive, Pokfulam, Hong Kong (CN). LAM, Kwokwai; 20/F., G Hong Wang Court, 192 Tsat Tsz Mui Road, North Point, Hong Kong (CN). GIBSON, Ian; 9A, Block 2, 301 Victoria Road, Pokfulam, Hong Kong (CN).
- (74) CHINA PATENT AGENT(H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)⁷ A61F 2/38
- (11) WO 2004/096102 (13) A1
- (21) PCT/EP2004/004580
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) de (26) de
- (30) 103 20 034.7 **2 May/mai 2003** DE
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • KNEE JOINT PROSTHESIS
• PROTHESE DE GENOU
- (71, 72) SIEBEL, Thomas [DE/DE]; Ritterweg 3, 66130 Saarbrücken (DE).
- (74) BERNHARDT, Reinhold et al. / etc.; Kobenhüttenweg 43, 66123 Saarbrücken (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)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

- (51)⁷ A61F 2/44, 2/30
- (11) WO 2004/096103 (13) A1
- (21) PCT/CH2003/000273
- (22) 28 Apr/avr 2003 (28.04.2003)
- (25) de (26) de
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INTERVERTEBRAL IMPLANT
• IMPLANT INTERVERTEBRAL
- (71) SYNTHES AG CHUR [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)
- (71) SYNTHES (U.S.A) [US/US]; 1690 Russell Road, P.O.Box 1766, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)
- (72, 75) GÜTLIN, Michael [CH/CH]; Muttenzerstrasse 22, CH-4133 Pratteln (CH). SCHÄR, Manuel [CH/CH]; Hauptstrasse 19, CH-4132 Muttens (CH). LECHMANN, Beat [CH/CH]; Grenchenstrasse 29A, CH-2544 Bettlach (CH).
- (74) LUSUARDI, Werther; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 **A61F 2/66**
- (11) **WO 2004/096104** (13) A1
- (21) PCT/US2003/009506
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROSTHETIC FOOT WITH TUNABLE
PERFORMANCE AND IMPROVED
VERTICAL LOAD/SHOCK ABSORP-
TION
- PROTHESE POUR PIED A PERFOR-
MANCES REGLABLES ET AMORTIS-
SEMENT DE LA CHARGE/IMPACT
VERTICAL(E) AMELIOREE
- (63) US 09/820,895 (CIP)
30 Mar/mar 2001 (30.03.2001)
- (71, 72) **TOWNSEND, Barry, W.** [US/US]; 400
Houchin Road, Bakersfield, CA 93304 (US).
CLAUDINO, Byron, K. [US/US]; 9731
Rosedale Hwy., Bakersfield, CA 93312 (US).
- (74) **SHORE, Ronald, J.** et al. / etc.; Antonelli,
Terry, Stout & Kraus, LLP, Suite 1800, 1300
Seventeenth Street, Arlington, VA 22209
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **A61F 5/02, A41C 1/00**
- (11) **WO 2004/096105** (13) A1
- (21) PCT/JP2004/006184
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) ja (26) ja
- (30) 2003-126492 **1 May/mai 2003** JP
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CROTCHED WEARING ARTICLE
- ARTICLE VETEMENT A FOURCHE
D'ENTREJAMBES
- (71) **WACOAL CORP.** [JP/JP]; 29, Nakajima-
cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto
6018530 (JP).

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

- (72, 75) **OYAMA, Makoto** [JP/JP]; C/o Wacol
Corp., 29, Nakajima-cho, Kisshoin, Mi-
nami-ku, Kyoto-shi, Kyoto 6018530 (JP).
NAKAGAWA, Yoshiaki [JP/JP]; C/o Wacol
Corp., 29, Nakajima-cho, Kisshoin, Mi-
nami-ku, Kyoto-shi, Kyoto 6018530 (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).

Published / Publiée : (c)

- (51)⁷ **A61F 9/013**
- (11) **WO 2004/096106** (13) A1
- (21) PCT/AT2004/000147
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) de (26) de
- (30) A 663/2003 **2 May/mai 2003** AT
(02.05.2003)
- (30) A 840/2003 **30 May/mai 2003** AT
(30.05.2003)
- (30) A 1264/2003 **12 Aug/août 2003** AT
(12.08.2003)
- (30) A 299/2004 **25 Feb/fév 2004** AT
(25.02.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE FOR CUTTING THE CORNEA
OF AN EYE
- DISPOSITIF POUR DECOUPER LA
CORNEE
- (71, 72) **DAXER, Albert** [AT/AT]; Lustenauer-
strasse 13, A-4020 Linz (AT).
- (74) **HÜBSCHER, Gerhard** et al. / etc.; Spittel-
wiese 7, A-4020 Linz (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).

Published / Publiée : (c)

- (51)⁷ **A61G 1/00**
- (11) **WO 2004/096107** (13) A1
- (21) PCT/US2003/028466
- (22) **11 Sep/sep 2003 (11.09.2003)**
- (25) en (26) en
- (30) 10/417,001 **16 Apr/avr 2003** US
(16.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PADDED X-RAY COMPATIBLE SPINE
BOARD
- PLANCHE DORSALE REMBOURREE
COMPATIBLE AVEC LES RAYONS X
- (63) US 10/417,001 (CIP)
16 Apr/avr 2003 (16.04.2003)
- (71, 72) **CRUTCHFIELD, John, Stuart**
[US/US]; 2006 Canberra Court, Tyler, TX
75703 (US).
- (74) **ALWORTH, Charles, W.**; 505 (Ex 502)
Cumberland Road, Tyler, TX 75703-9325
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **A61H**
- (11) **WO 2004/096108** (13) A2
- (21) PCT/IL2004/000359
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 155639 **29 Apr/avr 2003** IL
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MASSAGING DEVICE
- DISPOSITIF DE MASSAGE
- (71) **R.E.M GLOBAL SOLUTION** [IL/IL]; 14/1
Alexandroni St., 47307 Ramat Hasharon (IL).
(for all designated States except / pour tous
les États désignés sauf US)
- (71, 72) **RINT, Moshe** [IL/IL]; 13 shmariahu
Levin st., 58413 Holon (IL). **ECKSTEIN,**
Gil [IL/IL]; 14/1 Hativat Alexandroni st.,
47307 Ramat-Hasharon (IL).
- (74) **BRESSLER, Eyal**; Dr. Eyal Bressler Ltd.,
8 Hamarpe st., Har Hotzvim, P.O.B 45220,
91450 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).

(51)⁷ A61H

(11) WO 2004/096109 (13) A2

(21) PCT/US2004/012294

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/426,161 28 Apr/avr 2003 US
(28.04.2003)

(30) 10/460,558 11 Jun/juin 2003 US
(11.06.2003)

(30) 10/660,462 11 Sep/sep 2003 US
(11.09.2003)

(30) 10/765,318 26 Jan/jan 2004 US
(26.01.2004)

(30) 10/796,875 8 Mar/mar 2004 US
(08.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VENTILATOR AND METHODS FOR
TREATING HEAD TRAUMA AND
LOW BLOOD CIRCULATION

• VENTILATEUR ET METHODES DE
TRAITEMENT DE TRAUMATISME
CRANIE ET D'HYPOTENSION

(71) ADVANCED CIRCULATORY SYS-
TEMS, INC. [US/US]; 7615 Golden Tri-
angle Drive, Suite A, Technology Park #5, Eden
Prairie, Minnesota 55344 (US).

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

(72, 75) LURIE, Keith, G. [US/US]; 4751 Gi-
rard Avenue South, Minneapolis, Minnesota
55409 (US). MCKNITE, Scott [US/US];
4217 Bryant Avenue South, Minneapolis,
Minnesota 55409 (US).

(74) GIBBY, Darin, J. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero Center, Eighth Floor, San Francisco,
CA 94111-3834 (US).

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

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

(51)⁷ A61H

(11) WO 2004/096110 (13) A2

(21) PCT/US2004/012988

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,988 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PURSED LIP BREATHING DEVICE

• DISPOSITIF RESPIRATOIRE ≤
LEVRES PINCEES ≥

(71) CHI, LLC [US/US]; P.O. Box 302, Colum-
bia, Connecticut 06237 (US). PROLL, Jan-
ice G. [US/US]; P.O. Box 151, Andover, Con-
necticut 06232-0151 (US).

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

(72, 75) BAUMERT, Beth A. [US/US]; 266
Route 87, Columbia, Connecticut 06237
(US).

(74) GRIFFITH, Wm. Tucker; McCormick,
Paulding & Huber LLP, CityPlace II, 185
Asylum Street, Hartford, Connecticut
06103-3402 (US).

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

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

(51)⁷ A61H

(11) WO 2004/096111 (13) A2

(21) PCT/US2004/013827

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/249,636 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OXYGEN CONCENTRATION SYSTEM
HAVING SELECTABLE BEDS

• SYSTEME DE CONCENTRATION
D'OXYGENE POSSEDANT DES LIT
SELECTIONNABLES

(71) CARLETON LIFE SUPPORT SYS-
TEMS, INC. [UG/UG]; 10 Cobham Drive,
Orchard Park, NY 14127-4195 (US).

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

(72, 75) CANTRILL, Dean [US/US]; Carleton
Life Support Systems, Inc., 2734 Hickory
Grove Road, Davenport, IA 52804 (US).
ZUGMAIER, Michael [US/US]; Carleton
Life Support Systems, Inc., 2734 Hickory
Grove Road, Davenport, IA 52804 (US).

(74) MARSTELLER, Thomas; PO Box 803302,
Dallas, TX 75380-3302 (US).

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

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

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

Declaration / Déclaration :

(r) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG 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 A61H 1/00

(11) WO 2004/096112 (13) A1

(21) PCT/SE2004/000667

(22) 29 Apr/avr 2004 (29.04.2004)

(25) sv (26) en

(30) 0301250-7 29 Apr/avr 2003 SE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PLAYING RACK

• DISPOSITIF D'EXERCICE PASSIF

(71, 72) DALÉN, Ylva [SE/SE]; Karlavägen 2,
S-181 32 Lidingö (SE).

(74) LINDÉN, STEFAN; Bergenstråhle & Lind-
vall AB, Box 177 04, S-118 93 Stockholm
(SE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096113 (13) A2

(21) PCT/US2004/012985

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,992 28 Apr/avr 2003 US
(28.04.2003)

(30) 60/469,677 12 May/mai 2003 US
(12.05.2003)

(30) 60/471,592 19 May/mai 2003 US
(19.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTAINER WITH VALVE ASSEMBLY FOR FILLING AND DISPENSING SUBSTANCES, AND APPARATUS AND METHOD FOR FILLING

• CONTENANT A ENSEMBLE SOUPE POUR LE REMPLISSAGE ET LA DISTRIBUTION DE SUBSTANCES, ET DISPOSITIF ET PROCEDE POUR LE REMPLISSAGE

(71) MEDICAL INSTILL TECHNOLOGIES, INC. [US/US]; 419 West Avenue, Stamford, CT 06902 (US).

(71, 72) PY, Daniel [FR/US]; 419 West Avenue, Stamford, CT 06902 (US).

(74) GRONDAHL, Eric, E.; McCarter & English, LLP, CityPlace I, 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).

(51)⁷ A61J 1/00, B65B 3/00, B65D 5/00, A61M 5/32, 5/162

(11) WO 2004/096114 (13) A1

(21) PCT/EP2004/004501

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309705.2 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR INTRODUCING A LIQUID INTO A PHARMACEUTICAL CONTAINER

• DISPOSITIF D'INTRODUCTION D'UN LIQUIDE DANS UN RECIPIENT PHARMACEUTIQUE

(71) GLAXOSMITHKLINE BIOLOGICALS S.A. [BE/BE]; rue de l'Institut 89, B-1330 Rixensart (BE).

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

(72, 75) THILLY, Jacques [BE/BE]; Glaxo-SmithKline Biologicals s.a., rue de l'Institut 89, B-1330 Rixensart (BE). VANDE-CASSERIE, Christian [BE/BE]; Glaxo-SmithKline Biologicals s.a., rue de l'Institut 89, B-1330 Rixensart (BE).

(74) WALKER, Ralph, Francis; Glaxo-SmithKline, 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 A61J 15/00

(11) WO 2004/096115 (13) A1

(21) PCT/JP2004/005976

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-123599 28 Apr/avr 2003 JP
(28.04.2003)

(30) 2003-305683 29 Aug/août 2003 JP
(29.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATHETER KIT FOR BURROW

• TROUSSE DE CATHETER POUR TUBE EXPLORATOIRE

(71) SUMITOMO BAKELITE COMPANY LIMITED [JP/JP]; 5-8, Higashishinagawa 2-chome, Shinagawa-ku, Tokyo 140-0002 (JP).

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

(71, 72) SUZUKI, Yutaka [JP/JP]; Atagoforest-tower 301, 3-1, Atago 2-chome, Minato-ku, Tokyo 105-0002 (JP).

(72, 75) SAKAGUCHI, Yukihiko [JP/JP]; c/o AKITA SUMITOMO BAKELITE COMPANY LIMITED, 27-4, Aza-Nakajimashita, Tsuchizakiminato Aisome-cho, Akita-shi, Akita 011-8510 (JP). ARIKAWA, Kiyotaka [JP/JP]; c/o AKITA SUMITOMO BAKELITE COMPANY LIMITED, 27-4, Aza-Nakajimashita, Tsuchizakiminato Aisome-cho, Akita-shi, Akita 011-8510 (JP). KOJO, Yasunori [JP/JP]; c/o AKITA SUMITOMO BAKELITE COMPANY LIMITED, 27-4, Aza-Nakajimashita, Tsuchizakiminato Aisome-cho, Akita-shi, Akita 011-8510 (JP).

(74) AKATSUKA, Kenji et al. / etc.; Hongo Bldg., 5F, 1-16, Kanda Suda-cho, Chiyoda-ku, Tokyo 101-0041 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096116 (13) A2

(21) PCT/EP2004/004372

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP03/04622 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL DIAZABICYCLONONENE DERIVATIVES

• DERIVES DE DIAZABICYCLONONENE

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

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

(72, 75) BEZENCON, Olivier [CH/CH]; Dürrenmattweg 53, CH-4123 Allschwil (CH). BUR, Daniel [CH/CH]; Im Rosengarten 24, CH-4106 Therwil (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). REMEN, Lubos [CH/CH]; Kurzellängeweg 28, CH-4123 Allschwil (CH). RICHARD-BILDSTEIN, Sylvia [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). WELLER, Thomas [CH/CH]; Hoezlistrasse 58, CH-4102 Binningen (CH). SIFFERLEN, Thierry [FR/FR]; 6, rue de Thann, F-68116 Guewenheim (FR).

(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096117 (13) A2

(21) PCT/IB2004/001790

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/429,660 2 May/mai 2003 US
(02.05.2003)

(30) 10/429,662 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NUCLEIC ACID DELIVERY SYSTEMS

• SYSTEMES D'ADMINISTRATION D'ACIDES NUCLEIQUES

(71) XPRESSION ANTIBODY THERAPEUTICS, INC. [AU/AU]; 81 Queen Anne Road, Toronto, Ontario M8X 1T3 (AU).

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

(72, 75) SANDHU, Jasbir [CA/CA]; 5407 Duchess Court, Burlington, Ontario L7L 6Z4 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/096118 (13) A2

(21) PCT/IL2004/000330

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 155666 29 Apr/avr 2003 IL
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITION FOR IMPROVING
COGNITION AND MEMORY

• COMPOSITION PERMETTANT
D'AMELIORER LA COGNITION ET
LA MEMOIRE

(71) NEURIM PHARMACEUTICALS (1991)
LTD. [IL/IL]; 8 Hanechoshet Street, 69710
Tel Aviv (IL).

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

(72, 75) ZISAPPEL, Nava [IL/IL]; 23 Kisufim
Street, 69355 Tel Aviv (IL). LAUDON,
Moshe [IL/IL]; 30 Herzl Street, 44444 Kfar
Saba (IL).

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

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

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

(51)⁷ A61K

(11) WO 2004/096119 (13) A2

(21) PCT/IL2004/000350

(22) 25 Apr/avr 2004 (25.04.2004)

(25) en (26) en

(30) 60/466,409 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TOPICAL PHARMACEUTICAL COM-
POSITIONS, METHODS OF MANU-
FACTURE THEREOF AND ARTICLES
OF MANUFACTURE CONTAINING
SAME

• COMPOSITIONS PHARMACEU-
TIQUES TOPIQUES, PROCEDES
DE PREPARATION DE CES COM-
POSITIONS ET ARTICLES MANU-
FACTURES CONTENANT CES DER-
NIERES

(71) DR. EGER - OLIVE OIL PRODUCTS
INDUSTRY LTD. [IL/IL]; 20600 Yokneam
Moshava (IL).

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

(72, 75) EGER, Shaul [IL/IL]; 20600 Yokneam
Moshava (IL). NEEMAN, Isaac [IL/IL]; Ha-
lamed Hei Blvd. 8, 31000 Haifa (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 A61K

(11) WO 2004/096120 (13) A2

(21) PCT/IL2004/000366

(22) 2 May/mai 2004 (02.05.2004)

(25) en (26) en

(30) 155723 1 May/mai 2003 IL
(01.05.2003)

(30) 60/524,082 24 Nov/nov 2003 US
(24.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOUNDS THAT SELECTIVELY
BIND TO MEMBRANES OF APOPTOTIC CELLS

• COMPOSES SE LIANT SELECTIVE-
MENT A DES MEMBRANES DE CEL-
LULES APOPTOTIQUES

(71) NST NEUROSURVIVAL TECHNOLO-
GIES LTD. [IL/IL]; 11 Odem Street, Kiryat
Matalon, 49170 Petah-Tikva (IL).

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

(72, 75) SHIRVAN, Anat [IL/IL]; 47 Tel Chai
Street, 46301 Herzliya (IL). ZIV, Ilan [IL/IL];
5 Shezaf Street, 44418 Kfar Saba (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 A61K

(11) WO 2004/096121 (13) A2

(21) PCT/US2003/024704

(22) 8 Aug/août 2003 (08.08.2003)

(25) en (26) en

(30) 60/402,318 8 Aug/août 2002 US
(08.08.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS AND METHODS FOR
PREVENTING INFECTION

• COMPOSITIONS ET METHODES DE
PREVENTION D'INFECTIONS

(63) US 60/402,318 (CON)
8 Aug/août 2002 (08.08.2002)

(71) LA JOLLA BIOSCIENCES [US/US];
795 Bonair Place, La Jolla, CA 92037 (US).
THE JOHNS HOPKINS UNIVERSITY
SCHOOL OF MEDICINE [US/US]; 111
Market Place, Suite 906, Baltimore, MD
21202 (US).

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

(72, 75) SCHEELE, George, A. [US/US]; 795
Bonair Place, La Jolla, CA 92037 (US). HIL-
DRETH, James, E. [US/US]; 2602 Amanda
Court, Woodstock, MD 21163 (US).

(74) BRENNAN, Jack; Fish & Richardson, P.C.,
Suite 2800, 45 Rockefeller Plaza, New York,
NY 10111 (US).

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

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

(51)⁷ A61K

(11) WO 2004/096122 (13) A2

(21) PCT/US2003/032113

(22) 8 Oct/oct 2003 (08.10.2003)

(25) en (26) en

(30) 60/417,347 8 Oct/oct 2002 US
(08.10.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR TREATING PAIN BY
ADMINISTERING A NERVE GROWTH
FACTOR ANTAGONIST AND AN

OPIOID ANALGESIC AND COMPOSITIONS CONTAINING THE SAME

- PROCEDES DE TRAITEMENT DE LA DOULEUR PAR ADMINISTRATION D'UN ANTAGONISTE DU FACTEUR DE CROISSANCE DU NERF ET D'UN ANALGESIQUE OPIOIDE ET COMPOSITIONS LES CONTENANT

(71) **RINAT NEUROSCIENCE CORP.** [US/US]; 3155 Porter Drive, Palo Alto, CA 94304 (US).

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

(72, 75) **SHELTON, David, L.** [US/US]; 5845 Clover Drive, Oakland, CA 94618 (US). **VERGARA, German, J.** [US/US]; 3709 Campolindo Drive, Moraga, CA 94556 (US).

(74) **COBURN, Cara, M. et al. / etc.;** Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).

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

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

(51)⁷ A61K

(11) **WO 2004/096123** (13) A2

(21) PCT/US2003/009819

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

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS OF PROMOTING CELL VIABILITY

- METHODES POUR FAVORISER LA VIABILITE DE CELLULES

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455 (US).

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

(72, 75) **STEER, Clifford, J.** [US/US]; 1924 Pinchurst Avenue South, St. Paul, MN 55116 (US). **LOW, Walter, C.** [US/US]; 19845 Sweetwater Curve, Shorewood, MN 55331 (US).

(74) **MUETING, Ann, M.;** Mueeting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

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

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/096124** (13) A2

(21) PCT/US2003/009992

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF TUMOR

- COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TUMEURS

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

(72) **BALDWIN, Daryl T.;** 317 Mangels Street, San Francisco, CA 94127 (US). **CLARK, Hilary;** 495 Harkness Avenue, San Francisco, CA 94134 (US). **HELDENS, Sherry;** 2454 24th Avenue, San Francisco, CA 94116 (US). **YI, Sothy;** P. O. Box 401, Alameda, CA 94501 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/096125** (13) A2

(21) PCT/US2004/011347

(22) **13 Apr/avr 2004 (13.04.2004)**

(25) en (26) en

(30) 60/462,830 **14 Apr/avr 2003 (14.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHARMACEUTICAL COMPOSITIONS RELEASING THEIR ACTIVE AGENTS FROM A BUCCAL OR SUBLINGUAL LOCATION TO OVERCOME AN ABSORPTION WINDOW PROBLEM

- COMPOSITIONS PHARMACEUTIQUES LIBERANT LEURS PRINCIPES ACTIFS DEPUIS UN EMPLACEMENT BUCCAL OU SUBLINGUAL POUR RESOUDRE UN PROBLEME DE FENETRE D'ABSORPTION

(71) **SHIRE LABORATORIES, INC.** [US/US]; 1550 East Gude Drive, Rockville, MA 20850 (US).

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

(72, 75) **CHANG, Rong-Kun** [US/US]; 13607 Pine View Lane, Rockville, Maryland 20850 (US).

(74) **LANE, Elisa, M.;** Shire Laboratories, Inc., 1550 East Gude Drive, Rockville, MD 20850 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096126** (13) A2

(21) PCT/US2004/011447

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 60/465,622 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TREATING HEPATOCELLULAR CARCINOMAS USING THERAPEUTIC VIRUSES

- UTILISATION DE VIRUS THERAPEUTIQUES POUR LE TRAITEMENT DES CARCINOMES HEPATOCELLULAIRES

(71) **WELLSTAT BIOLOGICS CORPORATION** [US/US]; 930 Clopper Road, Gaithersburg, MD 20878 (US).

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

(72, 75) **ROBERTS, Michael, S.** [US/US]; 10109 Saddleridge Drive, Myersville, MD 21773 (US).

(74) **KREISLER, Lewis;** Legal Department, 930 Clopper Road, Gaithersburg, MD 20878 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096127** (13) A2

(21) PCT/US2004/011448

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/465,755 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FORMATION OF STRONG SUPER-POROUS HYDROGELS

• FORMATION D'HYDROGELS SUPER-POREUX FORTS

(71) KOS LIFE SCIENCES, INC. [US/US]; 1001 Brickell Bay Drive, 25th Floor, Miami, FL 33131 (US).

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

(72) OMIDIAN, Hossein; 12980 Vista Isle Drive, Apt. #311, Sunrise, FL 33325 (US). GUTIERREZ-ROCCA, Jose; 9816 N.W. 32nd Street, Miami, FL 33172 (US).

(74) MESSICK, Karen, J.; Kos Pharmaceuticals, Inc., 1001 Brickell Bay Drive, 25th Floor, Miami, FL 33131 (US).

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

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

(51)⁷ A61K

(11) WO 2004/096128 (13) A2

(21) PCT/US2004/011759

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/465,176 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIV INTEGRASE INHIBITORS

• INHIBITEURS DE L'INTEGRASE DU VIH

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 and Province Line Road, Princeton, NJ 08543-4000 (US).

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

(72, 75) NAIDU, B. Narasimhulu [IN/US]; 12 Skeetfield Point Rd., Durham, CT 06422 (US). WALKER, Michael, A. [US/US]; 76R Ivy Way, Durham, CT 06422 (US). SORENSON, Margaret, E. [US/US]; 27 Harrison Street, Apt. 13, Meriden, CT 06450 (US).

(74) EPPERSON, James et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 A61K

(11) WO 2004/096129 (13) A2

(21) PCT/US2004/012157

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,124 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INHIBITORS OF AKT ACTIVITY

• INHIBITEURS DE L'ACTIVITE DE L'AKT

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(72, 75) BILODEAU, Mark, T. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). LINDSLEY, Craig, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 0706-0907 (US). ZHAO, Zhijian [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096130 (13) A2

(21) PCT/US2004/012187

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,123 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INHIBITORS OF AKT ACTIVITY

• INHIBITEURS DE L'ACTIVITE AKT

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(72, 75) BILODEAU, Mark, T. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WU, Zhicai [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

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

(51)⁷ A61K

(11) WO 2004/096131 (13) A2

(21) PCT/US2004/012188

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,260 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INHIBITORS OF AKT ACTIVITY

• INHIBITEURS DE L'ACTIVITE AKT

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(72, 75) BILODEAU, Mark, T. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). DUGGAN, Mark, E.

[US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HARTNETT, John, C.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LINDSLEY, Craig, W.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **WU, Zhicai** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ZHAO, Zhijian** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096132** (13) A2

(21) PCT/US2004/012205

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 60/465,213 **25 Apr/avr 2003 (25.04.2003)** US

(30) 10/814,870 **1 Apr/avr 2004 (01.04.2004)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBINATION OF AN ALDOSTERONE RECEPTOR ANTAGONIST AND AN ANTI-OBESITY AGENT

• COMBINAISON D'UN ANTAGONISTE DU RECEPTEUR D'ALDOSTERONE ET D'UN AGENT ANTI-OBESITE

(71) **PHARMACIA CORPORATION** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

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

(72, 75) **GULVE, Eric, Arthur** [US/US]; 549 Hollywood Place, St. Louis, MO 63110 (US). **MCMAHON, Ellen, Garwitz** [US/US]; 9154 Park Haven Lane, St. Louis, MO 63126 (US).

(74) **PATHAK, Ajay, S.**; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096133** (13) A2

(21) PCT/US2004/012231

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 10/422,588 **24 Apr/avr 2003 (24.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH FACTOR-1

• METHODE D'INHIBITION DE L'ACTIVATION CELLULAIRE AU MOYEN DU FACTEUR DE CROISSANCE 1 ANALOGUE A L'INSULINE

(71) **UNIVERSITY OF NORTH CAROLINA AT CHAPER HILL** [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, NC 27599-4105 (US).

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

(72, 75) **CLEMMONS, David, R.** [US/US]; 349 Tenney Circle, Chapel Hill, NC 27514 (US). **MAILE, Laura, A.** [GB/US]; 9113 Coachway, Chape Hill, NC 27516 (US).

(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

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

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

(51)⁷ A61K

(11) **WO 2004/096134** (13) A2

(21) PCT/US2004/012240

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 60/465,265 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUBSTITUTED 1,4-DIAZEPINES AND USES THEREOF

• 1,4-DIAZEPINES SUBSTITUEES ET LEURS UTILISATIONS

(71) **3-DIMENSIONAL PHARMACEUTICALS, INC.** [US/US]; Eagleview Corporate Center, 665 Stockton Drive, Exton, Pennsylvania 19341 (US).

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

(72, 75) **LU, Tianbao** [US/US]; 42 Livery Drive, Churchville, Pennsylvania 18966 (US). **MILKIEWICZ, Karen, L.** [US/US]; 428

Concord Avenue, Exton, Pennsylvania 19341 (US). **RABOISSON, Pierre** [FR/BE]; 3 Straatje-zonder-einde, B-2800 Mechelelen (BE). **CUMMINGS, Maxwell David** [CA/US]; 659 West Valley Road, Wayne, Pennsylvania 19087 (US). **CALVO, Raul R.** [US/US]; 72 Orchard Court, Royersford, Pennsylvania 19468 (US). **PARKS, Daniel J.** [CA/US]; 26 Berkley Drive, Downingtown, Pennsylvania 19335 (US). **LAFRANCE, Louis V., III** [US/US]; 936 Cedarwood Avenue, West Chester, Pennsylvania 19380 (US). **MARUGAN SANCHEZ, Juan Jose** [ES/US]; 59 Gunning Lane, Downingtown, Pennsylvania 19335 (US). **GUSHUE, Joan** [US/US]; 320 E. 9th Avenue, Conshohocken, Pennsylvania 19428 (US). **LEONARD, Kristi** [US/US]; 134 East Chestnut Street, West Chester, Pennsylvania 19380 (US).

(74) **JOHNSON, Philip S.** et al. / etc.; One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

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

(51)⁷ A61K

(11) **WO 2004/096135** (13) A2

(21) PCT/US2004/012265

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 60/465,125 **24 Apr/avr 2003 (24.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INHIBITORS OF AKT ACTIVITY

• INHIBITEURS DE L'ACTIVITE DE L'AKT

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

(72, 75) **DUGGAN, Mark, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LINDSLEY, Craig, W.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **WU, Zhicai** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ZHAO, Zhijian** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HARTNETT, John, C.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K
(11) WO 2004/096136 (13) A2
(21) PCT/US2004/012510
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 60/465,841 25 Apr/avr 2003 US
(25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOSITIONS COMPRISING
CATIONIC MICROPARTICLES AND
HCV E1E2 DNA AND METHODS OF
USE THEREOF
• COMPOSITIONS DE MICROPARTI-
CULES CATIONIQUES ET D'ADN DE
VHC E1, E2 ET LEURS PROCEDES
D'UTILISATION
- (71) CHIRON CORPORATION [US/US]; 4560
Horton Street, Emeryville, CA 94608 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) O'HAGAN, Derek [US/US]; c/o Chiron
Corporation, 4560 Horton Street, Emeryville,
CA 94608 (US). HOUGHTON, Michael
[GB/US]; c/o Chiron Corporation, 4560
Horton Street, Emeryville, CA 94608 (US).
SINGH, Manmohan [IN/US]; c/o Chiron
Corporation, 4560 Horton Street, Emeryville,
CA 94608 (US).
- (74) HARBIN, Alisa; Chiron Corporation, In-
tellectual Property - R440, P.O. Box 8097,
Emeryville, CA 94662-8097 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/096137 (13) A2
(21) PCT/US2004/012542
(22) 8 Apr/avr 2004 (08.04.2004)
(25) en (26) en
(30) 60/461,612 8 Apr/avr 2003 US
(08.04.2003)
(30) 60/528,353 10 Dec/déc 2003 US
(10.12.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANNATTO EXTRACT COMPOSI-
TIONS, INCLUDING GERANYL
GERANIOLS AND METHODS OF
USE
• COMPOSITIONS D'EXTRAIT DE
ROCOU CONTENANT DES GE-
RANYLGERANIOLS ET MODES
D'UTILISATION
- (71, 72) TAN, Barrie [US/US]; 49 Northhampton
Road, Amherst, MA 01002 (US).
- (74) HAHN, Kirk; 14431 Holt Avenue, Santa
Ana, CA 92705 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K
(11) WO 2004/096138 (13) A2
(21) PCT/US2004/012576
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 60/465,418 25 Apr/avr 2003 US
(25.04.2003)
(30) 60/480,274 20 Jun/juin 2003 US
(20.06.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
- (54) • [F]-FURANOSYLPURINE DERIVA-
TIVES AND USES THEREOF
• DERIVES DE [F]-FURA-
NOSYLPURINE ET LEURS UTILISA-
TIONS
- (71) UNIVERSITY OF SOUTHERN CALI-
FORNIA [US/US]; 3716 South Hope Street,
Suite 313, Los Angeles, CA 90007-4344
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) CONTI, Peter, S. [US/US]; Univer-
sity of Southern California, 3716 South
Hope Street, Suite 313, Los Angeles, CA
90007-4344 (US). ALAUDDIN, Mian, M.
[US/US]; University of Southern California,
3716 South Hope Street, Suite 313, Los
Angeles, CA 90007-4344 (US). FISSEKIS,
John, D. [US/US]; University of Southern
California, 3716 South Hope Street, Suite
313, Los Angeles, CA 90007-4344 (US).
- (74) YANG, Wei-Ning et al. / etc.; Hogan & Hart-
son L.L.P., Biltmore Tower, 500 South Grand
Avenue, Suite 1900, Los Angeles, Ca 90071
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/096139 (13) A2
(21) PCT/US2004/012672
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 60/466,159 24 Apr/avr 2003 US
(24.04.2003)
(30) 60/534,501 6 Jan/jan 2004 US
(06.01.2004)
(43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AZA SPIRO ALKANE DERIVATIVES
AS INHIBITORS OF METALLPRO-
TEASES
• DERIVES D'AZA SPIRO ALCANE EN
TANT QU'INHIBITEURS DE METAL-
LOPROTEASES
- (71) INCYTE CORPORATION [US/US]; Ex-
perimental Station, Building 336, Route 141
& Henry Clay Road, Wilmington, DE 19880
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) YAO, Wenqing [US/US]; 748 Mead-
owbank Road, Kennett Square, PA 19348
(US). ZHOU, Jincong [CN/US]; 817 For-
wood Drive, Boothwyn, PA 19061 (US).
XU, Meizhong [CN/US]; 8 Fritze Court,
Hockessin, DE 19707 (US). ZHANG, Fen-
glei [CN/US]; 639 South Broad Street,
Apartment E2, Lansdale, PA 19446 (US).
METCALF, Brian [US/US]; 297 Lakefield
Place, Moraga, CA 94556 (US).
- (74) GODDARD, Christine, A.; Cozen
O'Connor, P.C., 1900 Market Street, Philadel-
phia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K
(11) WO 2004/096140 (13) A2
(21) PCT/US2004/012783
(22) 26 Apr/avr 2004 (26.04.2004)
(25) en (26) en
(30) 60/465,938 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR SYSTEMIC DELIVERY OF GROWTH ARRESTING, LIPID-DERIVED BIOACTIVE COMPOUNDS

• METHODE ET SYSTEME DE LIBERATION SYSTEMIQUE DE COMPOSES BIOACTIFS DERIVES DE LIPIDES, D'ARRET DE CROISSANCE

(71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 113 Technology Center, 200 Innovation Boulevard, University Park, PA 16802-7000 (US).

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

(72, 75) KESTER, Mark [US/US]; 4709 Great Oak Lane, Harrisburg, PA 17110 (US). STOVER, Thomas [US/US]; 21 West Areba Avenue, Apartment #4, Hershey, PA 17033 (US). LOWE, Tao [US/US]; 113 Technology Center, 200 Innovation Boulevard, University Park, PA 16802-7000 (US). ADAIR, James [US/US]; 113 Technology Center, 200 Innovation Boulevard, University Park, PA 16802-7000 (US). KIM, Young, Shin [US/US]; 113 Technology Center, 200 Innovation Boulevard, University Park, PA 16802-7000 (US).

(74) JOHNSON, Barbara, E. et al. / etc.; Webb Ziesenheim Logsdon, Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096141 (13) A2

(21) PCT/US2004/012791

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,208 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PROMOTING UNINTERRUPTED SLEEP BY ADMINISTRATION OF TROSPIMUM CHLORIDE

• PROCEDE DESTINE A FAVORISER UN SOMMEIL ININTERROMPU PAR L'ADMINISTRATION D'UN CHLORURE DE TROSPIMUM

(71) INDEVUS PHARMACEUTICALS, INC. [US/US]; Suite 200, 99 Hayden Avenue, Lexington, MA 02421 (US).

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

(72, 75) SABOUNJIAN, LuAnn [US/US]; 76 Rolling Meadow Drive, Holliston, MA 01746 (US). SANDAGE, Bobby, W., Jr. [US/US]; 3 Stoneymead Way, Action, MA 01720 (US).

(74) VILLACORTA, Gilberto, M. et al. / etc.; Katten Muchin Zavis Rosenman, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096142 (13) A2

(21) PCT/US2004/012794

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,182 24 Apr/avr 2003 US (24.04.2003)

(30) 10/830,877 23 Apr/avr 2004 US (23.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ALK PROTEIN TYROSINE KINASE, CELLS AND METHODS EMBODYING AND USING SAME

• PROTEINES A ACTIVITE TYROSINE KINASE ALK, CELLULES COMPRENANT CES PROTEINES ET METHODES D'UTILISATION

(71) NEW YORK UNIVERSITY [US/US]; 650 First Avenue, New York, NY 10016 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) INGHIRAMI, Giorgio [US/US]; 44 Parkway East, Mt. Vernon, NY 10552 (US). CHIARLE, Roberto [IT/IT]; Corso Vittorio Veneto 70, Savigliano 12038 (IT).

(74) MALLON, Veronica; 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 A61K

(11) WO 2004/096143 (13) A2

(21) PCT/US2004/012856

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,757 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR REDUCING OR PREVENTING TRANSMISSION OF NOSOCOMIAL PATHOGENS IN A HEALTH CARE FACILITY

• METHODES PERMETTANT DE REDUIRE OU DE PREVENIR LA TRANSMISSION DE PATHOGENES NOSOCOMIAUX DANS UN ETABLISSEMENT SANITAIRE

(71) OSCIENT PHARMACEUTICALS CORPORATION [US/US]; 100 Beaver Street, Waltham, MA 02453 (US). VICURON PHARMACEUTICALS, INC. [US/US]; 455 South Gulph Road, Suite 305, King of Prussia, PA 19406 (US).

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

(72, 75) LEACH, Timothy, S. [US/US]; 79 Duck Pond Drive, Groton, MA 01450 (US). MUSCONI, Giorgio [IT/US]; 409 Walker Road, Wayne, PA 19087 (US). JABES, Daniela [IT/IT]; Via Volta, 4, I-22070 Cassina Rizzardi (CO) (IT).

(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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096144 (13) A2

(21) PCT/US2004/012897

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,227 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS AND METHODS FOR INDUCTION OF OPIOID RECEPTORS

• COMPOSITIONS ET METHODES D'INDUCTION DE RECEPTEURS OPOIDES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BIRMACHU, Woubalem**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SLADE, Herbert B.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **STOLPA, John C.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **UROSEVIC, Mirjana**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **GRAM, Christopher D.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 2004/096145** (13) A2

(21) PCT/US2004/012983

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/424,015 **28 Apr/avr 2003 (28.04.2003)** US

(30) 10/740,248 **19 Dec/déc 2003 (19.12.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **HEMORRHOID TREATMENT DEVICE**
• DISPOSITIF POUR TRAITER LES HEMORRHOIDES

(71, 72) **TAKASHIMA, Jiro** [JP/US]; 7203 Shiller, Houston, TX 77055 (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096146** (13) A2

(21) PCT/US2004/013034

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 60/465,476 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **METHOD AND COMPOSITION FOR PREVENTING, REDUCING AND REVERSING OCULAR ISCHEMIC NEURONAL DAMAGE**

• PROCEDE ET COMPOSITION POUR PREVENIR, REDUIRE ET INVERSER LES LESIONS NEURONALES ISCHEMIQUES OCULAIRES

(71, 72) **NOLAN, Gerard, M.** [US/US]; 2 Wiltshire Place, P.O. Box 827, Farmington, CT 06032 (US).

(74) **KUMAR, Nanda, P., B., A.**; Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 2004/096147** (13) A2

(21) PCT/US2004/013086

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/466,195 **28 Apr/avr 2003 (28.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **OXO-PYRIMIDINE COMPOUNDS**

• COMPOSES D'OXO-PYRIMIDINE

(71) **IDENIX (CAYMAN) LIMITED**; Walker Secretaries, Walker House, Grand Cayman (KY).

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

(72, 75) **STORER, Richard** [GB/GB]; Sandgate Point, The Leas, Folkestone, Kent CT20 2JE (GB). **MOUSSA, Adel** [US/US]; 34 Newbridge Avenue, Burlington, MA 01803 (US). **LA COLLA, Paolo** [IT/IT]; 5 Strada no. 11, Poggio dei Pini, I-09012 Capoterra, Cagliari (IT). **ARTICO, Marino** [IT/IT]; Via Edgardo Negri, 64, I-00128 Roma (IT).

(74) **KNOWLES, Sherry, M.**; King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 2004/096148** (13) A2

(21) PCT/US2004/013099

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 60/465,891 **25 Apr/avr 2003 (25.04.2003)** US

(30) 10/676,694 **30 Sep/sep 2003 (30.09.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **TISSUE PROTECTIVE CYTOKINE RECEPTOR COMPLEX, ASSAYS FOR IDENTIFYING TISSUE PROTECTIVE COMPOUNDS AND USES THEREOF**

• COMPLEXE DU RECEPTEUR DE CYTOKINE PROTECTEUR DE TISSUS, DOSAGES PERMETTANT D'IDENTIFIER DES COMPOSES PROTECTEURS DE TISSUS ET UTILISATIONS ASSOCIEES

(71) **THE KENNETH S. WARREN INSTITUTE, INC.** [US/US]; 712 Kitchawan Road, Ossining, NY 10562 (US).

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

(72, 75) **BRINES, Michael** [US/US]; 1 Wepawaug Road, Woodbridge, CT 06525 (US). **CERAMI, Anthony** [US/US]; 49 Bramblebush Drive, Croton-on-Hudson, NY 10520 (US). **GHEZZI, Pietro** [IT/IT]; Via Mac Mahon No. 82, I-20155 Milan (IT). **FIORDALISO, Fbio** [IT/IT]; Via Lorenzo di Credi 10, I-20149 Milan (IT). **FRATELLI, Maddalena** [IT/IT]; Via Costanza 4, I-20146 Milan (IT). **LEIST, Marcel** [DK/DK]; Kloevertbladsgade 14.1, DK-2500 Valby (DK). **NIELSEN, Mette** [DK/DK]; Glad-saxevej 73.3. th, DK-2860 Soborg (DK). **SAGER, Thomas** [DK/DK]; Stormosevej 35, DK-2765 Smorum (DK). **PEDERSEN, Lars, Ostergaard** [DK/DK]; Ved Vigen 14, DK-2400 Copenhagen (DK). **GERWIEN, Jens** [DK/DK]; Haraldsgade 52, I.tv, DK-2100 Copenhagen (DK). **COLEMAN, Thomas** [US/US]; 20 Emery Street, Mt. Kisco, NY 10549 (US).

(74) **CORUZZI, Laura, A.** 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096149 (13) A2

(21) PCT/US2004/013127

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,196 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INDUSTRIALLY SCALABLE NUCLEOSIDE SYNTHESIS

• SYNTHÈSE DE NUCLEOSIDES POUR VANT ETRE MISE A L'ECHELLE INDUSTRIELLE

(71) IDENIX (CAYMAN) LIMITED; Walker Secretaries, Walker House, Grand Cayman (KY).

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

(72, 75) MOUSSA, Adel [US/US]; 34 Newbridge Avenue, Burlington, MA 01803 (US). WANG, Jing, Yang [CN/US]; 590 Pine Cone Strand, Acton, MA 01718 (US). STORER, Richard [GB/GB]; Sandgate Point, The Leas, Folkestone, Kent CT20 2JE (GB).

(74) KNOWLES, Sherry, M.; King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096150 (13) A2

(21) PCT/US2004/013147

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/425,515 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ORAL PHARMACEUTICAL DELIVERY SYSTEM WITH IMPROVED SUSTAINED RELEASE

• SYSTEME D'ADMINISTRATION DE MEDICAMENT PAR VOIE ORALE PRESENTANT UNE LIBERATION PROLONGEE AMELIOREE

(63) US 10/425,515 (CON)
29 Apr/avr 2003 (29.04.2003)

(71) SHEAR/KERSHMAN LABORATORIES, INC. [US/US]; 701 Crown Industrial Court, Suite F, Chesterfield, MO 63005 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERSHMAN, Alvin [US/US]; 1220 Woodbridge Crossing Drive, Chesterfield,

MO 63005 (US). SHEAR, Jeff, L. [US/US]; 1421 Wildhorse Parkway Drive, Chesterfield, MO 63005 (US).

(74) LEWIS, Linda, L. et al. / etc.; Greensfelder, Hemker & Gale, PC, 10 S. Broadway, 2000 Equitable Building, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096151 (13) A2

(21) PCT/US2004/013172

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,318 29 Apr/avr 2003 US
(29.04.2003)(30) 60/473,579 27 May/mai 2003 US
(27.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND DEVICES FOR THE SUSTAINED RELEASE OF MULTIPLE DRUGS

• PROCEDES ET DISPOSITIFS A LIBERATION SOUTENUE DE PLUSIEURS MEDICAMENTS

(71) THE GENERAL HOSPITAL CORPORATION [US/US]; Fruit Street, Boston, MA 02114 (US). MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 5 Cambridge Center, NE25-230, Cambridge, MA 02142 (US).

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

(72, 75) RON, Eyal, S. [US/US]; 7 Coach Road, Lexington, MA 02420 (US). LANGER, Rober, S. [US/US]; 98 Montvale Road, Newton, MA 02459 (US). CROWLEY, William, F., Jr. [US/US]; 77 Kirkstall Road, Newtonville, MA 02460 (US).

(74) GYURE, Barbara, A.; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096152 (13) A2

(21) PCT/US2004/013189

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,376 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IN SITU GELLING SELF-REACTIVE MATERIALS FOR EMBOLIZATION

• MATERIAUX AUTO-REACTIFS DE GELIFICATION IN SITU POUR EMBOLISATION

(71) ARIZONA BOARD OF REGENTS [US/US]; Post Office Box 879209, Tempe, AZ 85287-9209 (US).

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

(72, 75) VERNON, Brent [US/US]; Post Office Box 879709, Tempe, AZ 85287 (US). BIRDNO, Merrill [US/US]; 626 North Drew Street, East, Apt. A, Mesa, AZ 85201 (US). PREUL, Mark [US/US]; 8628 East Davenport, Scottsdale, AZ 85260 (US).

(74) PECK, John, W.; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096153 (13) A2

(21) PCT/US2004/013457

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,547 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROSTATE CANCER THERAPEUTICS AND DIAGNOSTICS BASED ON CONFORMERS OF PROSTATIC ACID PHOSPHATASE

• THERAPEUTIQUES ET DIAGNOSTIQUES CONTRE LE CANCER DE LA PROSTATE SUR LA BASE DES CONFORMERES DE LA PHOSPHATASE ACIDE PROSTATIQUE

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

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

(72, 75) **LINGAPPA, Vishwanath, R.** [US/US]; 626 Pacheco Street, San Francisco, CA 94116 (US).

(74) **RAE-VENTER, Barbara et al.** / etc.; Rae-Venter Law Group, P.C., P.O. Box 1898, Monterey, CA 93942 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096154** (13) A2

(21) PCT/US2004/013468

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,540 **29 Apr/avr 2003** US (29.04.2003)

(30) 60/471,554 **19 May/mai 2003** US (19.05.2003)

(30) 60/495,034 **14 Aug/août 2003** US (14.08.2003)

(30) 60/549,977 **4 Mar/mar 2004** US (04.03.2004)

(30) 60/554,581 **19 Mar/mar 2004** US (19.03.2004)

(30) 60/556,390 **25 Mar/mar 2004** US (25.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR TREATING DEGENERATIVE DISEASES/INJURIES

• PROCEDES DE TRAITEMENT DE MALADIES/LESIONS DEGENERATIVES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (US).

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

(72, 75) **ERICKSON-MILLER, Connie, L.** [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **JENKINS, Julian** [GB/US]; 1250 Collegeville Road, Collegeville, PA 19426 (US).

(74) **DUSTMAN, Wayne, J. et al.** / etc.; Glaxo-SmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096155** (13) A2

(21) PCT/US2004/013575

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,842 **29 Apr/avr 2003** US (29.04.2003)

(30) 10/835,214 **28 Apr/avr 2004** US (28.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TABLETS AND METHODS FOR MODIFIED RELEASE OF HYDROPHILIC AND OTHER ACTIVE AGENTS

• TABLETTES ET PROCEDES A LIBERATION MODIFIEE D'AGENTS HYDROPHILES ET D'AUTRES PRINCIPES ACTIFS

(71) **YAMANOUCHI PHARMA TECHNOLOGIES, INC.** [US/US]; 3300 Marshall Avenue, Norman, Oklahoma 73072 (US).

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

(72, 75) **CHU, James, Shunnan** [US/US]; 246 Edlee Avenue, Palo Alto, California 94306 (US). **YANG, Yisong** [CN/US]; 1008 Live Oak, Sunnyvale, California 94086 (US). **GU, Chunhong** [CN/US]; 1634 Grant Road, Los Altos, California 94024 (US). **BANDA, Larry** [US/US]; 1314 Dorothy Avenue, San Leandro, California 94578 (US).

(74) **SNYDER, Joseph, R. et al.** / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096156** (13) A2

(21) PCT/US2004/013816

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,341 **29 Apr/avr 2003** US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TOLL-LIKE RECEPTOR 9 EFFECTOR AGENTS AND USES THEREOF

• EFFECTEUR DU RECEPTEUR TLR 9 ET SES UTILISATIONS

(71) **CENTOCOR, INC.** [US/US]; 200 Great Valley Parkway, RC-2, Malvern, PA 19355 (US).

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

(72, 75) **BASSIRI, Ashlyn** [US/US]; 700 Ardmore Avenue, #509, Ardmore, PA 19003 (US). **DAS, Anuk** [GB/US]; 415 School Lane, Wayne, PA 19087 (US). **DILLON, Susan** [US/US]; 10 Fieldstone Lane, Bryn Mawr, PA 19010 (US). **DUFFY, Karen** [US/US]; 209 Weiser Place, Trappe, PA 19426 (US). **SEIDEMAN, Jonathan** [US/US]; 1465 Churchville Road, Southampton, PA 18966 (US). **KARLSSON, Lars** [SE/US]; 336 Fern Glen, La Jolla, CA 92037 (US). **SIQUAN, Sun** [US/US]; 13919 Amber Sky Lane, San Diego, CA 92129 (US). **ZHU, Jian** [US/US]; 7349 Mannix Court, San Diego, CA 92129 (US). **MBOW, M., Lamine** [SN/US]; 310 Winding Way, King of Prussia, PA 19406 (US).

(74) **BAUMEISTER, Kirk; 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

(11) **WO 2004/096157** (13) A2

(21) PCT/US2004/006615

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

(25) en (26) en

(30) 60/453,055 **7 Mar/mar 2003** US (07.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TREATMENT OF IGAI DEPOSITION DISEASES

• TRAITEMENT DE MALADIES A DEPOT D'IGAI

(71) **NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.** [—/US]; 750 Washington Street, Boston, MA 02111 (US).

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

(72, 75) **PLAUT, Andrew, G.** [US/US]; 22 Peacock Farm Road, Lexington, MA 02421 (US). **QIU, Jiazhou** [US/US]; 297 Turnpike Road, Westborough, MA 01581 (US).

(74) **WILLIAMS, Kathleen, M.; Palmer & Dodge LLP**, 111 Huntington Avenue, Boston, MA 02199 (US).

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

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

(51)⁷ A61K

(11) WO 2004/096158 (13) A2

(21) PCT/US2004/007482

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/466,043 29 Apr/avr 2003 US (29.04.2003)

(30) 10/700,886 5 Nov/nov 2003 US (05.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INHIBITING VIRAL INFECTIONS

• INHIBITION D'INFECTIONS VIRALES

(63) US 10/700,886 (CIP) 5 Nov/nov 2003 (05.11.2003)

(71) GELSUS RESEARCH AND CONSULTING, INC. [US/US]; 145 West 96th Street - Suite 1A, New York, NY 10025 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCEUSA, Nicholas, A. [US/US]; 145 West 96th Street - Suite 1A, New York, NY 10025 (US).

(74) BROWDY AND NEIMARK, P.L.L.C. et al. / etc.; 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096159 (13) A2

(21) PCT/US2004/008020

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/466,166 28 Apr/avr 2003 US (28.04.2003)

(30) 10/801,517 16 Mar/mar 2004 US (16.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SAPOSIN C-DOPS: A NOVEL ANTI-TUMOR AGENT

• DIOLEOYLPHOSPHATIDYL SERINES (DOPS) DE SAPOSINE C : NOUVEL AGENT ANTITUMORAL

(71) CHILDREN'S HOSPITAL MEDICAL CENTER [US/US]; Intellectual Property and Venture Development, 3333 Burnet Avenue, Cincinnati, OH 45229-3039 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) QI, Xiaoyang; 3333 Burnet Avenue, Cincinnati, OH 45229-3039 (US).

(74) MANCINO, David, A. et al. / etc.; Taft, Stettinius & Hollister LLP, 425 Walnut Street, Suite 1800, Cincinnati, OH 45202-3957 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096160 (13) A2

(21) PCT/US2004/008521

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/466,830 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VESICLE-ASSOCIATED PROTEINS

• PROTEINES ASSOCIEES AUX VESICULES

(71) INCYTE CORPORATION [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). BHATIA, Umesh, G. [US/US]; 5212 Union Avenue, San Jose, CA 95124 (US). BURRILL, John, D. [US/US]; 2218 Brewster Avenue, Redwood City, CA 94062 (US). LEE, Sally [US/US]; 1389 via de los Reyes, San Jose, CA 95120 (US). BLAKE, Julie, J. [US/US]; 3818 Pacheco Street, San Francisco, CA 94116 (US). HO, Anne [FR/US]; 1279 Poplar Avenue, #114, Sunnyvale, CA 94086 (US). ZHENG, Wenjin [CN/US]; 9 Sutter Creek Lane, Mountain View, CA 94043 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). BANDMAN, Olga [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). HAFALIA, April, J.A. [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). RECIPON, Shirley, A. [US/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). LEE,

Soo Yeun [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US).

(74) FOLEY & LARDNER LLP; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

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

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

(51)⁷ A61K

(11) WO 2004/096161 (13) A2

(21) PCT/US2004/009416

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,532 25 Mar/mar 2003 US (25.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHARMACEUTICAL COMPOSITIONS FOR TREATING PAINFUL NEUROPATHY AND METHODS OF TREATING SAME

• PREPARATIONS PHARMACEUTIQUES TRAITANT LES NEUROPATHIES DOULOUREUSES, ET PROCEDES ASSOCIES

(71) NEUROMOLECULAR, INC. [US/US]; 257 Buena Vista, Mill Valley, CA 94941 (US).

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

(72, 75) LIPTON, Stuart [US/US]; 17475 Circa del Sur, Rancho Santa Fe, CA 92067-4018 (US). DIGICAYLIOGLU, Murat [DE/US]; 5532 Renaissance Avenue, Unit 3, San Diego, CA 92122 (US).

(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovski and Popeo PC, One Financial Center, Boston, MA 02111 (US).

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

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

(51)⁷ A61K 7/00

(11) WO 2004/096162 (13) A2

(21) PCT/IB2004/051592

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/467,065 1 May/mai 2003 US
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STRIPED LIQUID PERSONAL CLEANSING COMPOSITIONS CONTAINING A CLEANSING PHASE AND A SEPARATE BENEFIT PHASE COMPRISING A WATER IN OIL EMULSION

• COMPOSITIONS NETTOYANTES LIQUIDES D'HYGIENE PERSONNELLE PRESENTANT DES RAYURES ET CONTENANT UNE PHASE NETTOYANTE ET UNE PHASE BENEFIQUE DISTINCTE COMPORTANT UNE EMULSION HUILEUSE

(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) WEI, Karl, Shiqing [US/US]; 4600 Cobblestone Court, Mason, OH 45040 (US). THOMAS, Cheyne, Pohlman [US/US]; 3281 Summitrun Drive, Independence, Kentucky 41051 (US). SINE, Mark, Richard [US/US]; 935 Golden Path, New Richmond, OH 45157 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/096163 (13) A1

(21) PCT/US2003/034743

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/410,787 8 Apr/avr 2003 US
(08.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ULTRA-STABLE COMPOSITION COMPRISING NATURAL OIL AND THEIR DERIVATIVES AND USES THEREOF

• COMPOSITION ULTRA-STABLE COMPRENANT DES HUILES NATURELLES ET LEURS DERIVES ET UTILISATIONS CORRESPONDANTES

(71) INTERNATIONAL FLORA TECHNOLOGIES, LTD. [US/US]; 1151 North Fiesta Blvd, Gilbert, AZ 85233-2238 (US).

(72) BROWN, James, H.; 1151 North Fiesta Blvd, Gilbert, AZ 85233-2238 (US).

KLEIMAN, Robert; 1151 North Fiesta Blvd., Gilbert, AZ 85233-2238 (US).

(74) HALVORSON, Kristofer, E.; The Halvorson Law Firm, 405 W. Southern Ave., Ste 1, Tempe, AZ 85282 (US).

(81) CA JP

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

(51)⁷ A61K 7/155

(11) WO 2004/096164 (13) A1

(21) PCT/EP2004/003781

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 60/467,628 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND KIT FOR REDUCING IRRITATION OF SKIN DELIPATORY COMPOSITIONS

• PROCEDE ET KIT REDUISANT L'IRRITATION CAUSEE PAR LES COMPOSITIONS D'EPIILATION CUTANEE

(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) SLAVTCHIEFF, Craig, Stephen [US/US]; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US). GOLDBERG, Jessica, Weiss [US/US]; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US). SHILOACH, Anat [US/US]; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US). MASSARO, Michael [US/US]; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US). KENNEDY, Christine, Elizabeth [US/US]; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US).

(74) MULDER, Cornelis, Willem, Reinier; 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 A61K 7/26, A23L 1/052, A23G 1/00, 3/00

(11) WO 2004/096165 (13) A1

(21) PCT/JP2004/006465

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-124725 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MATERIAL FOR INHIBITING ENAMEL DECALCIFICATION

• SUBSTANCE INHIBANT LA DECALCIFICATION DE L'EMAIL

(71) ASAHI BREWERIES LTD. [JP/JP]; 7-1, Kyobashi 3-chome, Chuo-ku, Tokyo 1040031 (JP).

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

(72, 75) IMAI, Susumu [JP/JP]; 2-26-31, Noguchicho Higashimurayama-shi, Tokyo 1890022 (JP). TAGASHIRA, Motoyuki [JP/JP]; c/o ASAHI BREWERIES, LTD., Miraigijutsukenkyusho, 1-1-21, Midori, Moriya-shi, Ibaraki 3020106 (JP). KANDA, Tomomasa [JP/JP]; c/o ASAHI BREWERIES, LTD., Miraigijutsukenkyusho, 1-1-21, Midori, Moriya-shi, Ibaraki 3020106 (JP). NISHIZAWA, Toshiki [JP/JP]; 3-10-4, Koyama, Nerima-ku, Tokyo 1760022 (JP). HANADA, Nobuhiro [JP/JP]; 3-1-4-303, Okubo, Shinjuku-ku, Tokyo 1690072 (JP).

(74) FUNAHASHI, Eiko; 16-4, 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 A61K 7/48

(11) WO 2004/096166 (13) A1

(21) PCT/EP2004/004208

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 19 400.2 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF ALCOHOLS ETHOXYLATED BY ALPHA-HYDROXYCARBOXYLIC ACID ESTERS

• UTILISATION D'ESTERS D'ACIDE ALPHA-HYDROXYCARBOXYLIQUE D'ALCOOLS ETHOXYLES

(71) COGNIS DEUTSCHLAND GMBH & CO. KG [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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

(72, 75) BEHLER, Ansgar [DE/DE]; Siegfriedstrasse 80, 46240 Bottrop (DE). KRÄCHTER, Hans-Udo [DE/DE]; Stubenrauchstrasse 31, 14482 Potsdam (DE). HENSEN, Hermann [DE/DE]; Rathmacherweg 13, 42781 Haan (DE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 7/48

(11) WO 2004/096167 (13) A1

(21) PCT/EP2004/004502

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03076278.5 25 Apr/avr 2003 EP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITION CONTAINING ETHANOLAMINE DERIVATIVES AND CITRIC ACID

• COMPOSITION RENFERMANT DES DERIVES D'ETHANOLAMINE ET DE L'ACIDE CITRIQUE

(71) JOHNSON & JOHNSON CONSUMER FRANCE S.A.S. [FR/FR]; 1, rue Camille Desmoulins, F-92787 Issy-les-Moulineaux (FR).

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

(72, 75) MORELLI, Muriel [FR/FR]; 55, rue du Moulin Potel, F-27400 Acquigny (FR). DUPRESSOIR, Carole [FR/FR]; 45, Boulevard Devaux, Appartement 94, F-78300 Poissy (FR). DAVID, Stephanie [FR/FR]; 12 bis, place de la Poissonnerie, F-27400 Louviers (FR).

(74) BOEHMERT & BOEHMERT; 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

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

Published / Publiée : (c)

(51)⁷ A61K 7/48

(11) WO 2004/096168 (13) A1

(21) PCT/FR2004/050168

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fr (26) fr

(30) 03 04956 23 Apr/avr 2003 FR (23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OBTAINING AN ACTIVE INGREDIENT FROM SOYA HAVING ANTI-AGING PROPERTIES, COMPOSITIONS AND USE OF SAID COMPOSITIONS FOR COSMETIC PURPOSES

• PROCEDE D'OBTENTION D'UN PRINCIPE ACTIF A PARTIR DU SOJA, AYANT DES PROPRIETES ANTI-VIEILLISSEMENT, COMPOSITIONS ET UTILISATIONS DE CES COMPOSITIONS A VISEE COSMETIQUE

(71) SOCIETE INDUSTRIELLE LIMOUSINE D'APPLICATION BIOLOGIQUE, DITE SILAB [FR/FR]; Lieu dit Madrias F-19130 Objat (FR).

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

(72, 75) PAUFIQUE, Jean [FR/FR]; Lieu dit Madrias, F-19130 Objat (FR).

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

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

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

(u) for / pour US only / seulement

(51)⁷ A61K 7/48

(11) WO 2004/096169 (13) A1

(21) PCT/IT2004/000158

(22) 29 Mar/mar 2004 (29.03.2004)

(25) it (26) en

(30) RM2003 A 29 Apr/avr 2003 IT 000204 (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DERMATOLOGICAL FORMULATION
• PREPARATION DERMATOLOGIQUE

(71) PROVINCIA ITALIANA DELLA CONGREGAZIONE DEI FIGLI DELL'IMMACOLATA CONCEZIONE - ISTITUTO DERMATOLOGICO DELL'IMMACOLATA [IT/IT]; Via dei Monti de Creta, 104, I-00167 Roma (IT).

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

(72, 75) PASSI, Siro [IT/IT]; Via dei Monti di Creta, 104, I-00167 Roma (IT). DE PITA', Ornella [IT/IT]; Via dei Monti di Creta, 104, I-00167 Roma (IT).

(74) SARPI, Maurizio; Studio Ferrario, Via Colina, 36, I-00187 Roma (IT).

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

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

Published / Publiée : (c)

(51)⁷ A61K 7/48

(11) WO 2004/096170 (13) A1

(21) PCT/IT2004/000236

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) MI2003A000884 30 Apr/avr 2003 IT (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EMULSIFIER SYSTEM BASED ON VEGETABLE LIPOPROTEINS IN COMBINATION WITH PHYTOSPEROLS AND/OR VEGETABLE LECITHINS AND THEIR USE IN COSMETIC AND PHARMACEUTICAL EMULSIONS

• SYSTEME D'EMULSIFIANTS A BASE DE LIPOPROTEINES VEGETALES COMBINEES A DES PHYTOSTEROLS ET/OU A DES LECITHINES VEGETALES ET SON UTILISATION DANS DES EMULSIONS COSMETIQUES ET PHARMACEUTIQUES

(71) BOTTEGA VERDE, S.R.L. [IT/IT]; Podere San Luigi, Palazzo Massaini, I-53026 Pienza (SI) (IT). MAYCOS ITALIANA, S.A.S. [IT/IT]; Via Solferino, 26, I-46043 Castiglione delle Stiviere (MN) (IT).

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

(72, 75) GHIRARDINI, Adriano [IT/IT]; Via Michele Pascoli, 18, I-48100 Ravenna (IT). COMINI, Miro [IT/IT]; Via Matteotti 3, I-46043 Castiglione delle Stiviere (MN) (IT).

(74) **PIPPARELLI, Claudio**; c/o Studio Cioni & Pipparelli, Via Quadronno, 6, 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 A61K 7/48

(11) WO 2004/096171 (13) A1

(21) PCT/KR2003/001636

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 10-2003-0027093 29 Apr/avr 2003 KR (29.04.2003)

(30) 10-2003-0027094 29 Apr/avr 2003 KR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SKIN WHITENING COSMETIC COMPOSITION COMPRISING THE EXTRACT OF MACHILUS THUNBERGII AND THE COMPOUNDS ISOLATED THEREFROM

• COMPOSITION COSMETIQUE POUR LE BLANCHIMENT DE LA PEAU COMPRENANT UN EXTRAIT DE MACHILUS THUNBERGII ET UN COMPOSE EN ETANT ISOLE

(71) **YEUNG NAM EDUCATIONAL FOUNDATION** [KR/KR]; 214-1, Dae-dong, Gyeongsangbuk-do, Gyeongsan-si 712-749 (KR).

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

(72, 75) **SON, Jong-Keun** [KR/KR]; 262-805 Sigiboseong-Seohan Town, #601, Sinmae-dong, Susong-gu, Daegu 706-783 (KR). **LEE, Seung-Ho** [KR/KR]; 229-1501 Sigi-Cheonma Town, #582, Sinmae-dong, Susong-gu, Daegu 706-750 (KR). **CHANG, Hyeun-Wook** [KR/KR]; 263-1601 Sigiboseong-Seohan Town, #601, Sinmae-dong, Susong-gu, Daegu 706-783 (KR).

(74) **SHIN, Dong-In**; D.I. International Patent Office, #304, Dukam Bldg., 1457-2, Seocho3-dong, Seocho-gu, Seoul 137-867 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 A61K 9/00

(11) WO 2004/096172 (13) A2

(21) PCT/FR2004/000974

(22) 20 Apr/avr 2004 (20.04.2004)

(25) fr (26) fr

(30) 03 04976 23 Apr/avr 2003 FR (23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VECTOR FOR ORAL ADMINISTRATION

• VECTEUR POUR ADMINISTRATION PAR VOIE ORALE

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)** [FR/FR]; 3 rue Michel Ange, F-75016 PARIS (FR).

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

(72, 75) **FRERE, Yves** [FR/FR]; 19 rue des Roses, F-67810 HOLTZHEIM (FR). **DANICHER, Louis** [FR/FR]; 33 rue de Dossenheim, F-67200 STRASBOURG (FR). **BELCOURT, Alain** [FR/FR]; 34 rue Marc-Aurèle, F-67200 STRASBOURG (FR).

(74) **COLOMBET, Alain** et al. / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).

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

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

(51)⁷ A61K 9/00

(11) WO 2004/096173 (13) A2

(21) PCT/FR2004/000994

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 03/05108 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE DISPERSION OF WATER-SOLUBLE OR HYDROPHILIC SUBSTANCES IN A SUPERCRITICALLY PRESSURIZED FLUID

• PROCEDE DE DISPERSION DE SUBSTANCES HYDROSOLUBLES OU HYDROPHILES DANS UN FLUIDE A PRESSION SUPERCRITIQUE

(71) **ETHYPHARM** [FR/FR]; 21, rue Saint-Mathieu, F-78550 Houdan (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR).

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

(72, 75) **RICHARD, Joël** [FR/FR]; 30, rue du Ruau, F-49400 Varrains (FR). **DE-SCHAMPS, Frantz** [FR/FR]; 13, rue Auguste Michel, F-49100 Angers (FR). **LACROIX-DESMAZES, Patrick** [FR/FR]; 8, rue Comte Bernard, F-34090 Montpellier (FR). **BOUDEVIN, Bernard** [FR/FR]; 1, rue Anselme Mathieu, F-34090 Montpellier (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

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

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

(51)⁷ A61K 9/00, 31/485

(11) WO 2004/096174 (13) A1

(21) PCT/IB2004/001253

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/423,735 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FAST DISSOLVING ORALLY CONSUMABLE FILMS CONTAINING PHARMACEUTICALLY ACTIVE AGENTS

• FILMS CONSOMMABLES ORALEMENT SE DISSOLVANT RAPIDEMENT ET CONTENANT DES AGENTS PHARMACEUTIQUES ACTIFS

(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) **KULKARNI, Neema, Mahesh** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US). **KUMAR, Lori, Dee** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US). **SORG, Albert, Frank** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 2004/096175 (13) A2

(21) PCT/IB2004/001266

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 644/DEL/2003 30 Apr/avr 2003 IN (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TASTE MASKED COMPOSITIONS AND PROCESSES FOR THEIR PREPARATION

• COMPOSITIONS AU GOUT MASQUE ET LEURS PROCÉDES DE PRÉPARATION

(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) MEHTA, Kamal [IN/IN]; 1-N-50, R.C. Vyas Colony, Bhilwara, Rajasthan (IN). MATHUR, Rajeev, Shanker [IN/IN]; 112/4, C3 Silver Oak Apartments, DLF City Phase - 1, Gurgaon, Haryana 122002 (IN). SETHI, Sanjeev, Kumar [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, New Jersey 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, 38/09

(11) WO 2004/096176 (13) A2

(21) PCT/US2004/012757

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,466 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOLID DRUG FORMULATION AND DEVICE FOR STORAGE AND CONTROLLED DELIVERY THEREOF

• FORMULATION DE MÉDICAMENT SOLIDE, ET DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION CONTRÔLÉE DE CE MÉDICAMENT

(71) MICROCHIPS, INC. [US/US]; 6-B Preston Court, Bedford, MA 01730 (US).

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

(72, 75) PRESCOTT, James, H. [US/US]; 85 Trowbridge Street, #3, Cambridge, MA 02138 (US). UHLAND, Scott, A. [US/US]; 982 South Street, Roslindale, MA 02131 (US). STAPLES, Mark, A. [US/US]; 10 Rogers Street, #906, Cambridge, MA 02142 (US). SANTINI, John, T., Jr [US/US]; 12 Maynard Circle, North Chelmsford, MA 01863 (US).

(74) KING, Kevin, W. et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-3996 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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, 9/20

(11) WO 2004/096177 (13) A1

(21) PCT/AT2004/000150

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) A 667/2003 2 May/mai 2003 AT (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOLID PHARMACEUTICAL PREPARATION CONTAINING LEVOTHYROXINE AND/OR LIOthyRONINE SALTS

• PRÉPARATION PHARMACEUTIQUE SOLIDE CONTENANT DES SELS DE LEVOTHYROXINE ET/OU DE LIOthyRONINE

(71) GLOBOPHARM PHARMAZEUTISCHE PRODUKTIONS- UND HANDELSGESELLSCHAFT M.B.H. [AT/AT]; Bräunlichgasse 40-42, A-2700 Wiener Neustadt (AT).

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

(72, 75) BURGHART, Walter [AT/AT]; Salmgasse 4, A-1030 Wien (AT). BURGHART, Kurt [AT/AT]; Sigelgasse 29, A-2700 Wiener Neustadt (AT). RANEBURGER, Johannes [AT/AT]; Professor-Grömer-Weg 6A, A-6300 Wörgl (AT).

(74) HAFFNER, Thomas, M.; Schottengasse 3a, 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/14, C08L 67/02, C08G 63/12, 63/16, 63/02

(11) WO 2004/096178 (13) A1

(21) PCT/GB2004/001937

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 0310178.9 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NANO AND MICROPARTICLE DRUG DELIVERY SYSTEMS COMPRISING POLYESTERS CONTAINING ALIPHATIC DICARBOXYLATE RESIDUES AND RESIDUES OF ALIPHATIC POLYOLS

• SYSTÈMES DE RELARGAGE DE MÉDICAMENTS NANOPARTICULAIRES ET MICROPARTICULAIRES À BASE DE POLYESTERS CONTENANT DES RÉSIDUS DICARBOXYLATE ALIPHATIQUE ET DES RÉSIDUS POLYOLS ALIPHATIQUES

(71) THE UNIVERSITY OF NOTTINGHAM [GB/GB]; University Park, Nottingham NG7 2RD (GB). LIVERPOOL JOHN MOORES UNIVERSITY [GB/GB]; Byrom Street, Liverpool L3 3AF (GB). ASTON UNIVERSITY [GB/GB]; Aston Triangle, Birmingham B4 7ET (GB).

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

(72, 75) GARNETT, Martin, Charles [GB/GB]; The School of Pharmacy, The University of Nottingham, University Park, Nottingham NG7 2RD (GB). HUTCHEON, Gillian [GB/GB]; School of Pharmacy and Chemistry, Liverpool John Moores University, 209 James Parsons Building, Liverpool L3 3AF (GB). HIGGINS, Sean [GB/GB]; School of Pharmacy and Chemistry, Liverpool John Moores University, 209 James Parsons Building, Liverpool L3 3AF (GB). KALLINTERI, Paraskevi [GR/GR]; The School of Pharmacy, The University of Nottingham, University Park, Nottingham NG7 2RD (GB). ST POURCAIN, Chris [GB/GB]; Flat 3, St Margaret's House, 6 Hulse Road, Southampton SO15 2JX (GB).

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

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

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/14, 38/19, 38/18, 38/21, 39/395

(11) WO 2004/096179 (13) A1

(21) PCT/JP2004/004791

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2003-126503 1 May/mai 2003 JP
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ZINC-CONTAINING SUSTAINED-RELEASE COMPOSITION, ITS PREPARATION, AND METHOD FOR PRODUCING THE SAME
• COMPOSITION A LIBERATION PROLONGEE CONTENANT DU ZINC, PREPARATION ET PROCEDE DE PRODUCTION ASSOCIES

(71) LTT BIO-PHARMA CO., LTD. [JP/JP]; 5-1, Atago 2-chome, Minato-ku, Tokyo 1056201 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIMURA, Michio [JP/JP]; 9-8-304, Tsurugadai, Chigasaki-shi, Kanagawa 2530003 (JP). ETO, Tomoko [JP/JP]; 3-22, Shinoharanishimachi, Kohoku-ku, Yokohama-shi, Kanagawa 2220025 (JP). MIZUSHIMA, Yutaka [JP/JP]; 12-3-2402, Roppongi 6-chome, Minato-ku, Tokyo 1060032 (JP).

(74) KUSAMA, Osamu; KUSAMA PATENT OFFICE 7F, Iwata Bldg., 5-12, Idabashi 4-chome, Chiyoda-ku, Tokyo 1020072 (JP).

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

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

(51)⁷ A61K 9/14, 9/51, 31/496

(11) WO 2004/096180 (13) A1

(21) PCT/US2004/013268

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,354 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FORMULATION TO RENDER AN ANTIMICROBIAL DRUG POTENT AGAINST ORGANISMS NORMALLY CONSIDERED TO BE RESISTANT TO THE DRUG

- FORMULATION DESTINEE A RENDRE UN MEDICAMENT ANTIMICROBIEN EFFICACE CONTRE DES ORGANISMES NORMALEMENT CONSIDERES COMME ETANT RESISTANT A CE MEDICAMENT

(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) RABINOW, Barrett, E. [US/US]; 9119 Tripp Avenue, Skokie, IL 60076 (US). WHITE, Randy [US/US]; 3810 Tecoma Drive, Crystal Lake, IL 60012-1888 (US). SUN, Chong-Son [US/US]; 1051 Highland Avenue, Lake Forest, IL 60045 (US). WONG, Joseph, Chung, Tak [US/US]; 36141 N. Brindlewood Avenue, Gurnee, IL 60031 (US). KIPP, James, E. [US/US]; 609 Hermosa Avenue, Wauconda, IL 60084 (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). PAPADOPOULOS, Pavlos [GR/US]; 715 Creek Bend Lane, Antioch, IL 60002 (US).

(74) MAYO, Michael, C. et al. / etc.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).

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

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

(51)⁷ A61K 9/20

(11) WO 2004/096181 (13) A2

(21) PCT/EP2004/004597

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 03009659.8 30 Apr/avr 2003 EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PHARMACEUTICAL COMPOSITION AS SOLID DOSAGE FORM AND METHOD FOR MANUFACTURING THEREOF

- COMPOSITION PHARMACEUTIQUE COMME FORME POSOLOGIQUE SOLIDE ET PROCEDE DE FABRICATION ASSOCIE

(71) FERRING B.V. [NL/NL]; Polaris Avenue 144, NL-2132 JX Hoofddorp (NL).

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

(72, 75) LOMRYD, Håkan [SE/SE]; Ormvärks-gatan 22, S-215 62 Malmö (SE). NICKLASSON, Helena [SE/SE]; Limhamnsvägen 6c, S-217 59 Malmö (SE). OLSSON, Lars-Erik [SE/SE]; Kullagatan 20, S-215 67 Malmö (SE).

(74) POULSEN, Niels, Jakob; Ferring Pharmaceuticals A/S, Kay Fiskers Plads 11, DK-2300 Copenhagen S (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 A61K 9/20, 31/403, A61P 9/10

(11) WO 2004/096182 (13) A1

(21) PCT/IB2004/001268

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 647/DEL/2003 30 Apr/avr 2003 IN
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • EXTENDED RELEASE MATRIX TABLETS OF CARVEDILOL
• COMPRIMES MATRICIELS A LIBERATION PROLONGEE DE CARVEDILOL

(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) JAIN, Girish, Kumar [IN/IN]; 4, Sharda Niketan, Teachers' Colony, Pitampura, Delhi, Delhi 110034 (IN). ANAND, Om [IN/IN]; AG-120, Shalimar Bagh, Delhi, Delhi 110088 (IN). RAMPAL, Ashok [IN/IN]; 14, Sewa Nagar, Ram Tirath Road, Amritsar, Punjab 143001 (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, Princeton, New Jersey 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 A61K 9/20, A61F 2/00, 2/14

(11) WO 2004/096183 (13) A1

(21) PCT/US2003/038740

(22) 8 Dec/déc 2003 (08.12.2003)

(25) en (26) en

(30) 10/421,956 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS, TARGETS, METHODS AND DEVICES FOR THE THERAPY OF OCULAR AND PERIOcular DISORDERS

- COMPOSITIONS, CIBLES, METHODES ET DISPOSITIFS POUR LE TRAITEMENT DE TROUBLES OCULAIRES ET PERI-OCULAIRES

(71, 72) ABREU, Marcio, Marc [US/US]; 72 Highland Park Road, North Haven, CT 06473 (US).

(74) SCHERER, Jonathan, L.; c/o Jacobson Holman, PLLC, 400 Seventh Street, NW, Washington, DC 20004-2218 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61K 9/28, 9/48

(11) WO 2004/096184 (13) A1

(21) PCT/IB2004/001359

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/467,454 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONFECTIONERY PRODUCTS FOR DELIVERY OF PHARMACEUTICALLY ACTIVE AGENTS TO THE THROAT

- PRODUITS DE CONFISERIE POUR ADMINISTRER DANS LA GORGE DES AGENTS PHARMACEUTIQUES ACTIFS

(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) GOGGIN, Paul, Laurence [GB/GB]; 153 Bath Road, Bradford-on-Avon, Wiltshire BA15 1SS (GB). CADRA, Caren, Louise [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 9/32

(11) WO 2004/096185 (13) A1

(21) PCT/EP2004/002061

(22) 2 Mar/mar 2004 (02.03.2004)

(25) de (26) de

(30) 103 19 458.4 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DOSAGE FORM AND METHOD FOR PRODUCING THE SAME

- FORME GALENIQUE ET SON PROCEDE 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) PETEREIT, Hans-Ulrich [DE/DE]; Händelstrasse 40, 64291 Darmstadt (DE). MEIER, Christian [DE/DE]; In der Köhlertanne 89 a, 64295 Darmstadt (DE). SCHULTES, Klaus [DE/DE]; Heinrich-von-Brentano-Strasse 17, 65197 Wiesbaden (DE).

(74) RÖHM GMBH & CO. KG; Intellectual Property Management, Kirschenallee, 64293 Darmstadt (DE).

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

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

(51)⁷ A61K 9/36, 31/137

(11) WO 2004/096186 (13) A1

(21) PCT/IL2003/001056

(22) 11 Dec/déc 2003 (11.12.2003)

(25) en (26) en

(30) 03101216.4 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENDED RELEASE VENLAFAXINE TABLET FORMULATION

- FORMULATION POUR COMPRIME DE VENLAFAXINE A LIBERATION PROLONGEE

(71) DEXCEL LTD. [IL/IL]; P.O. Box 50, 38 100 Hadera (IL).

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

(72, 75) VOLPERT, Sima [IL/IL]; 606 Neot Golda Street, Apt. 8, 42 345 Natania (IL). AYRAMOFF, Avi [IL/IL]; 26 Lea Street, 34 403 Haifa (IL).

(74) G. E. EHRLICH (1995) LTD.; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).

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

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

(51)⁷ A61K 9/48, A61P 31/12, A61K 31/7056

(11) WO 2004/096187 (13) A1

(21) PCT/CZ2004/000023

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) PV 2003-1202 29 Apr/avr 2003 CZ
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHARMACEUTICAL COMPOSITION CONTAINING RIBAVIRIN AS ACTIVE SUBSTANCE AND METHOD OF MANUFACTURING THEREOF

- PREPARATION PHARMACEUTIQUE DONT LE PRINCIPE ACTIF EST LA RIBAVIRINE, ET SON PROCEDE DE FABRICATION

(71) PLIVA-LACHEMA a.s. [CZ/CZ]; Karasek 1, 621 33 Brno (CZ).

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

(72, 75) FRANC, Ales [CZ/CZ]; Purkynova 19, 612 00 Brno (CZ). ZALUDEK, Borek [CZ/CZ]; Novomestská 19, 621 00 Brno (CZ).

(74) KUBAT, Jan; Traplova Hakr Kubat, Law and Patent Offices, PO Box 38, Pristavni 24, 170 00 Praha 7 (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).

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 9/50, 49/22

(11) WO 2004/096188 (13) A1

(21) PCT/JP2004/006296

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003-127503 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • POLYHYDROXYALKANOATE-CONTAINING MAGNETIC STRUCTURE, AND MANUFACTURING METHOD AND USE THEREOF

- STRUCTURE MAGNETIQUE CONTENANT DU POLYHYDROXYALCANOATE, SON PROCÉDE DE PRODUCTION ET SON UTILISATION

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

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

(72, 75) YANO, Tetsuya [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). NOMOTO, Tsuyoshi [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). KOZAKI, Shinya [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). IMAMURA, Takeshi [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). HONMA, Tsutomu [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

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

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/50, 31/663

(11) WO 2004/096189 (13) A2

(21) PCT/TR2004/000024

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) TR 2003/510 18 Apr/avr 2003 TR (18.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • THE DISPERSIBLE ALENDRONATE MICROPARTICLE FORMULATION

- FORMULATION DISPERSIBLE DE MICROPARTICULES D'ALENDRONATE

(71) SANOVEL ILAC SANAYI VE TICARET ANONIM SİRKETİ [TR/TR]; Büyükdere Caddesi Dereboyu Sokak Zagra Is Merkezi C Blok Kat: 2 Maslak, 34398 ISTANBUL (TR).

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

(72, 75) ÖNER, Levent [TR/TR]; Oyak Sitesi 5. Giriş Daire No: 4 Cankaya, 06610 ANKARA (TR). ÇİFTER, Ümit [TR/TR]; Büyükdere Caddesi Dereboyu Sokak Zagra Is Merkezi C Blok Kat: 2 Maslak, 34398 ISTANBUL (TR). SAKARYA, Nisa [TR/TR]; Büyükdere Caddesi Dereboyu Sokak Zagra Is Merkezi C Blok Kat: 2 Maslak, 34398 ISTANBUL (TR). TÜRKYLMAZ, Ali [TR/TR]; Büyükdere Caddesi Dereboyu Sokak Zagra Is Merkezi C Blok Kat: 2 Maslak, 34398 ISTANBUL (TR).

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

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

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

(51)⁷ A61K 9/51

(11) WO 2004/096190 (13) A1

(21) PCT/KR2004/001024

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0027675 30 Apr/avr 2003 KR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • COMPOSITION COMPRISING MAGNETIC NANOPARTICLE ENCAPSULATING MAGNETIC MATERIAL AND DRUG WITH BIODEGRADABLE SYNTHETIC POLYMER

- COMPOSITION COMPRENANT UNE NANOPARTICULE MAGNETIQUE ENVELOPPANT UN MATERIAU MAGNETIQUE ET UN MEDICAMENT A L'AIDE D'UN POLYMERE SYNTHETIQUE BIODEGRADABLE

(71) YONSEI UNIVERSITY [KR/KR]; 134, Sinchon-dong, Seodaemun-gu, Seoul 120-749 (KR).

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

(72, 75) SONG, Si-Young [KR/KR]; #111-401, Samsung Apt., Madul-dong, Ilsan-gu, Goyang-si, Gyeonggi-do 411-351 (KR). HAM, Seung-Joo [KR/KR]; #810-802, Woobang Apt., Madu-dong, Ilsan-gu, Goyang-si, Gyeonggi-do 411-350 (KR). PARK, Seong-Bae [KR/KR]; #102-405, Hyundai Apt., Sanggye1-dong, Nowon-gu, Seoul 139-893 (KR). GANG, Jin-Gu [KR/KR]; #324-5, Jungnim-dong, Jung-gu, Seoul 100-859 (KR). KIM, Han-Soo [KR/KR]; #303-1402, Kangsun-Hansin Apt., Juyeop-dong, Ilsan-gu, Goyang-si, Gyeonggi-do 411-370 (KR). SHUL, Yong-Gun [KR/KR]; #5-904, Hanyang Apt., Bukgajwa-dong, Seodaemun-gu, Seoul 120-130 (KR).

(74) LEE, Sei-Jin et al. / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, Seoul 135-973 (KR).

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

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

(51)⁷ A61K 9/70, 47/14, 31/565

(11) WO 2004/096191 (13) A1

(21) PCT/EP2004/004224

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 03008856.1 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PHARMACEUTICAL COMPOSITION IN THE FORM OF A HYDROGEL FOR TRANSDERMAL ADMINISTRATION OF ACTIVE SUBSTANCES

- COMPOSITION PHARMACEUTIQUE SE PRESENTANT SOUS LA FORME D'UN HYDROGEL DESTINEE A L'ADMINISTRATION TRANSDERMATIQUE D'AGENTS ACTIFS

(71) SCHERING AKTIENGESSELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) **FRANKE, Patrick**; McNair-Promenade 124, 14167 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A61K 9/70**

(11) **WO 2004/096192** (13) A1

(21) PCT/IB2004/001270

(22) **13 Apr/avr 2004 (13.04.2004)**

(25) en (26) en

(30) 10/423,398 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FAST DISSOLVING ORALLY CONSUMABLE FILMS CONTAINING A SUCRALOSE AS A SWEETENER

• FILM COMESTIBLE A DISSOLUTION RAPIDE CONTENANT DU SUCRALOSE COMME EDULCORANT

(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) **KULKARNI, Neema, Maheshi** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US). **KUMAR, Lori, Dee** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US). **SORG, Albert, Frank** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/70, 9/00**

(11) **WO 2004/096193** (13) A1

(21) PCT/IB2004/001398

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/467,339 **2 May/mai 2003 (02.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FAST DISSOLVING ORALLY CONSUMABLE FILMS CONTAINING A MODIFIED STARCH FOR IMPROVED HEAT AND MOISTURE RESISTANCE

• FILMS A DISSOLUTION RAPIDE CONSOMMABLES DANS LA CAVITE BUCCALE, RENFERMANT UN AMIDON TRANSFORME ET PERMETTANT D'AMELIORER LA RESISTANCE A LA CHALEUR ET A L'HUMIDITE

(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) **FADDEN, David, John** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US). **KULKARNI, Neema, Mahesh** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US). **SORG, Albert, Frank** [US/US]; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(74) **FULLER, Grover, F., Jr.**; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

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

(51)⁷ **A61K 31/00, 31/366, 31/22, 31/40, 31/404, 45/06, A61P 31/12, 31/18, A61K 38/17**

(11) **WO 2004/096194** (13) A2

(21) PCT/ES2004/000188

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) es (26) es

(30) 60/466,429 **30 Apr/avr 2003 (30.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREVENTING HIV-1 INFECTION THROUGH THE INHIBITION OF RHO-INDUCED REORGANISATION AND/OR ALTERATION OF THE RAFT DOMAINS OF THE CELL MEMBRANE

• PREVENTION D'UNE INFECTION PAR LE VIRUS HIV-1 A TRAVERS L'INHIBITION DE LA REORGANISATION ET/OU DE L'ALTERATION DES DOMAINES A RESERVOIR DE LA MEMBRANE CELLULAIRE INDUITES PAR RHO

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Serrano, 117, 28006 Madrid (ES). **PHARMACIA SPAIN, S.A.** [ES/ES]; Carretera de

Rubí, 90-100, Sant Cugat del Vallés, 08190 Barcelona (ES).

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

(72, 75) **MELLADO, Mario** [ES/ES]; Martín de los Heros 23, 3D-I, 28008 Madrid (ES). **RODRIGUEZ FRADE, José, Miguel** [ES/ES]; Chile 32, 1-12, 28016 Madrid (ES). **MARTINEZ ALONSO, Carlos** [ES/ES]; Valle de la Fuenfria 6, 28034 Madrid (ES). **MANES, Santos** [ES/ES]; Majuelo 12, 1-4, 28005 Madrid (ES). **DEL REAL, Gustavo** [ES/ES]; Cares 24, La Berzosa, Torreldones, 28240 Madrid (ES).

(74) **ELZABURU, Alberto, de**; Miguel Angel, 21, 28010 Madrid (ES).

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

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

(51)⁵ **A61K 31/00**

(11) **WO 2004/096195** (13) A2

(21) PCT/FR2004/001018

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) fr (26) fr

(30) 03/05188 **28 Apr/avr 2003 (28.04.2003)** FR

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INDUCTION OF EXPRESSION OF MACROPHAGE MANNOS RECEPTORS AND APPLICATIONS OF SAME

• INDUCTION DE L'EXPRESSION DES RECEPTEURS MANNOS DE MACROPHAGES, ET APPLICATIONS

(71) **UNIVERSITE PAUL SABATIER TOULOUSE III** [FR/FR]; 118, route de Narbonne, F-31062 Toulouse Cedex 4 (FR).

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

(72, 75) **COSTE, Agnès** [FR/FR]; 3, avenue de Purpan, F-31700 Blagnac (FR). **PIPY, Bernard** [FR/FR]; 32, rue du Commandeur Cazeneuve, F-31400 Toulouse (FR).

(74) **CABINET BARRE LAFORGUE & ASSOCIES**; 95, rue des Amidonniers, F-31000 Toulouse (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 31/00, 31/495**
- (11) **WO 2004/096196** (13) A2
- (21) PCT/IB2004/001437
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 0309533.8 **25 Apr/avr 2003 GB (25.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TREATMENT OF INCONTINENCE
• TRAITEMENT DE L'INCONTINENCE
- (71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)
- (71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf GB US)
- (72, 75) **MCMURRAY, Gordon** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **MINER, Wesley, Dennis** [US/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) **WOOD, David, J.** et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 31/121, 31/222, 31/343, 31/341, 31/365, 31/351, 31/381, 31/366, 31/352, A61P 43/00, 3/10, 3/08, 5/50, C07D 493/08, 309/12, 311/32, C07C 49/84, 49/835, 69/18, 69/157, 69/16, 205/45, A23L 1/30 // C07D 307/80, 307/46, 307/88, 333/16, 407/14, 311/58**
- (11) **WO 2004/096198** (13) A1
- (21) PCT/JP2004/006282
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) ja (26) ja
- (30) 2003-127517 **2 May/mai 2003 JP (02.05.2003)**
- (30) 2003-140821 **19 May/mai 2003 JP (19.05.2003)**
- (30) 2003-177280 **20 Jun/juin 2003 JP (20.06.2003)**
- (30) 2003-202118 **25 Jul/juil 2003 JP (25.07.2003)**
- (30) 2003-408213 **5 Dec/déc 2003 JP (05.12.2003)**
- (30) 2004-90656 **25 Mar/mar 2004 JP (25.03.2004)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • THERAPEUTIC AGENT
• AGENT THERAPEUTIQUE
- (71) **TAKARA BIO INC.** [JP/JP]; 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENOKI, Tatsuji** [JP/JP]; 43, Miyamakinogami, Kyotanabe-shi, Kyoto 610-0313 (JP). **KOBAYASHI, Eiji** [JP/JP]; 18-19, Ichiriyama 6-chome, Otsu-shi, Shiga 520-2153 (JP). **OGAWA, Kinuko** [JP/JP]; 8-8-203, Seta 3-chome, Otsu-shi, Shiga 520-2134 (JP). **KUDO, Yoko** [JP/JP]; 8-8-206, Seta 3-chome, Otsu-shi, Shiga 520-2134 (JP). **TANABE, Masashige** [JP/JP]; 14-3-207, Nogohara 1-chome, Otsu-shi, Shiga 520-2133 (JP). **SUGIYAMA, Katsumi** [JP/JP]; 8-8-210, Seta 3-chome, Otsu-shi, Shiga 520-2134 (JP). **OHNOGI, Hiromu** [JP/JP]; 12-1-311, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **SAGAWA, Hiroaki** [JP/JP]; 6-32, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **KATO, Ikunoshin** [JP/JP]; 1454-15, Nagano, Shigaraki-cho, Koka-gun, Shiga 529-1851 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 31/122, 31/404, 31/4184, 31/426, 31/427, 31/505, 31/519, 31/5377, A61P 25/00, 25/16, 25/18, 25/28**
- (11) **WO 2004/096199** (13) A2
- (21) PCT/GB2004/001907
- (22) **4 May/mai 2004 (04.05.2004)**
- (25) en (26) en
- (30) 0310174.8 **2 May/mai 2003 GB (02.05.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • REGULATION OF GUANINE NUCLEOTIDE EXCHANGE FACTOR FOR A PROTEIN BELONGING TO THE RAP FAMILY OF SMALL GTPASES
• REGULATION DU FACTEUR D'ÉCHANGE DU NUCLEOTIDE GUANINE POUR UNE PROTEINE APPARTENANT A LA FAMILLE RAP DES PETITES GTPASES
- (71) **SCOTTISH BIOMEDICAL LIMITED** [GB/GB]; Todd Campus, West of Scotland Science Park, Glasgow G20 0XA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71) **McFARLANE, Morag** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB).
(only for / seulement pour US)

(72, 75) **MCPHEE, Ian** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB). **BRESLIN, Catherine** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB). **KEWNEY, Justin, Peter** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB). **MACKENZIE, Simon, John** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB). **COOREMAN, Ann** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB). **GIBSON, Lucien, Charles, Donald** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (GB). **HAMMOND, Stephen** [GB/GB]; Scottish Biomedical Limited, West of Scotland Science Park, Glasgow G20 0XA (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).

(51)⁷ A61K 31/13, 31/53, A61P 25/32

(11) WO 2004/096200 (13) A1

(21) PCT/EP2004/004033

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 714.6 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBINATION OF DESOXYPEGANINE AND MECAMYLAMINE FOR THE TREATMENT OF ALCOHOL ABUSE

• COMBINAISON DE DESOXYPEGANINE ET DE MECAMYLAMINE POUR TRAITER L'ABUS D'ALCOOL

(71) **HF ARZNEIMITTELFORSCHUNG GMBH** [DE/DE]; St. Johannes 5, 59368 Werne (DE).

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

(72, 75) **WINTERHOFF, Hilke** [DE/DE]; Kegelskamp 14a, 48153 Münster (DE). **MOORMANN, Joachim** [DE/DE]; Schulstrasse 5, 59368 Werne (DE). **OPITZ, Klaus** [DE/DE]; Görlitzerstrasse 102, 48157 Münster (DE).

(74) **FLACCUS, Rolf-Dieter**; Bussardweg 10, 50389 Wesseling (DE).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ A61K 31/135, 31/138, 31/485, A61P 3/04

(11) WO 2004/096201 (13) A1

(21) PCT/US2004/012393

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/466,838 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS FOR AFFECTING WEIGHT LOSS

• COMPOSITIONS INFLUANT SUR LA PERTE DE POIDS

(71) **OREXIGEN THERAPEUTICS, INC.** [US/US]; One Palmer Square, Suite 515, Princeton, NJ 08540 (US).

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

(72, 75) **WEBER, Eckard** [US/US]; 4040 Miller Street, San Diego, CA 92130 (US). **COWLEY, Michael, Alexander** [AU/US]; 6724 SE 19th Avenue, Portland, OR 97202 (US).

(74) **MALLON, Joseph, J.**; Knobbe Martens Olson and Bear LLP, 2040 Main Street, 14 Floor, Irvine, CA 92614 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ A61K 31/137, 47/12, A61P 3/04

(11) WO 2004/096202 (13) A1

(21) PCT/GB2004/001808

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 421/MUM/2003 28 Apr/avr 2003 IN (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHARMACEUTICAL FORMULATION COMPRISING ANTI-OBESITY AGENT AND ACIDULANT

• FORMULATION PHARMACEUTIQUE CONTENANT UN AGENT ANTI-OBESITE ET UN ACIDULANT

(71) **CIPLA LIMITED** [IN/IN]; 289 Bellasis Road, Mumbai Central, Mumbai 400 008 (IN).

(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) **LULLA, Amar** [IN/IN]; 131 Maker Towers "L", 13th floor, Cuffe Parade, Colaba, Mumbai 400 005, Maharashtra (IN). **MALHOTRA, Geena** [IN/IN]; 4 Anderson House, Opposite Mazgaon Post Office, Mazgaon, Mumbai 400 010, Maharashtra (IN).

(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 A61K 31/19, A61P 9/10, 9/14

(11) WO 2004/096203 (13) A1

(21) PCT/ES2004/000190

(22) 30 Apr/avr 2004 (30.04.2004)

(25) es (26) es

(30) P200300985 30 Apr/avr 2003 ES (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF OLEANOLIC ACID AS A VASODILATOR AND RESTORER AGENT FOR ENDOTHELIAL DYSFUNCTION

• UTILISATION D'ACIDE OLEANOLIQUE EN TANT QU'AGENT DE VASODILATION ET DE RESTAURATION DU DYSFONCTIONNEMENT ENDOTHELIAL

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, C/ SERRANO, 117, E-28006 MADRID (ES). **UNIVERSIDAD DE SEVILLA** [ES/ES]; UNIVERSIDAD DE SEVILLA, C/ VALPARAISO, 5, 3º, E-41013 SEVILLA (ES).

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

(72, 75) **RUIZ GUTIERREZ, Valentiniano** [ES/ES]; INSTITUTO DE LA GRASA, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Avda. Padre Garcia Tejero, 4, E-41012 Sevilla (ES). **SANCHEZ PERUNA, Javier** [ES/ES]; INSTITUTO DE LA GRASA, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Avda. Padre Garcia Tejero, 4, E-41012 Sevilla (ES). **RODRIGUEZ RODRIGUEZ, Rosalia** [ES/ES]; INSTITUTO DE LA GRASA, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Avda. Padre Garcia Tejero, 4, E-41012 Sevilla (ES). **HERRERA GONZALES, Maria, Dolores** [ES/ES]; Universidad de Sevilla, C/Valparaiso, 5, 3º, E-41013 Sevilla (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)

(51)⁷ **A61K 31/19, A23L 1/29, 1/304, A61P 7/08, 9/00**

(11) **WO 2004/096204** (13) A1

(21) PCT/SG2004/000066

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

(25) en (26) en

(30) P00200300213 **1 May/mai 2003** ID (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **LACTATE CONTAINING PHARMACEUTICAL COMPOSITION AND USES THEREOF**

• **COMPOSITION PHARMACEUTIQUE A TENEUR EN LACTATE ET UTILISATIONS DE LADITE COMPOSITION**

(71) **INNOGENE KALBIOTEC PTE LTD** [SG/SG]; 18 Cross Street, #07-06 Marsh & McLennan Centre, Singapore 048423 (SG). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEVERVE, Xavier, M.** [FR/FR]; 226 Chemin de l'Eglise, 38660 La Terrasse (FR). **IQBAL, Mustafa** [IN/IN]; No. B 8, Kompleks Harapan Kita, S. Parman kav 87, Slipi, Jakarta (IN).

(74) **RAVINDRAN ASSOCIATES**; 61 Stamford Road, #02-09 Stamford Court, Singapore 178892 (SG).

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

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

(51)⁷ **A61K 31/195, A23L 1/30, A61P 3/02, A23K 1/16**

(11) **WO 2004/096205** (13) A1

(21) PCT/CN2003/000483

(22) **23 Jun/juin 2003 (23.06.2003)**

(25) zh (26) zh

(30) 03118339.5 **30 Apr/avr 2003** CN (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **A PROCESS FOR PRODUCING AN ADDITIVE COMPRISING A SALT OBTAINED FROM HYDROXY METHIONINE AND A TRACE ELEMENT**

• **PROCEDE DE PRODUCTION D'ADDITIF COMPRENANT UN SEL ELABORE A PARTIR D'HYDROXY METHIONINE ET D'ELEMENT TRACE**

(71, 72) **HUANG, Yiqiang** [CN/CN]; 708, Xiang Zhi Building, No.340, Yanjiang Big Road, Changsha City, Hunan 410008 (CN).

(74) **HUNAN ZHAOHONG PATENT LAW OFFICE**; Zhao Hong, 2701, Shuntian Building, No.185, Middle Furong Road, Changsha, Hunan 410011 (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 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/196, A61P 9/00, 9/10, 35/00**

(11) **WO 2004/096206** (13) A2

(21) PCT/US2004/012620

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 10/423,526 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **THERAPEUTIC COMBINATION OF A COX-2 INHIBITOR AND A TACE INHIBITOR**

• **COMBINAISON THERAPEUTIQUE D'UN INHIBITEUR DE COX-2 ET D'UN INHIBITEUR DE TACE**

(71) **PHARMACIA CORPORATION** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

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

(72, 75) **MASFERRER, Jaime, L.** [US/US]; 812 Courtwood Lane, Ballwin, MO 63011 (US). **STEPHENSON, Diane, T.** [US/US]; 1532 Drayton Court, Portage, MI 49002 (US).

(74) **FORBES, James, C. et al. / etc.**; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme, Suite 400, St. Louis, MO 63105 (US).

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

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

(51)⁷ **A61K 31/198, 9/08, 47/02, A61P 3/00, A23L 1/305**

(11) **WO 2004/096207** (13) A1

(21) PCT/JP2004/006304

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-125688 **30 Apr/avr 2003** JP (30.04.2003)

(30) 2003-328588 **19 Sep/sep 2003** JP (19.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **BODY-TEMPERATURE LOWERING DEPRESSANT**

• **DEPRESSEUR D'ABAISSEMENT DE LA TEMPERATURE CORPORELLE**

(71) **AJINOMOTO CO. INC.** [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1040031 (JP).

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

(72, 75) **OGAWA, Takashi** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kanagawa, 2108681 (JP). **KOKUBA, Yukifumi** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kanagawa, 2108681 (JP). **KATSURA, Toshiyuki** [JP/JP]; c/o AJINOMOTO CO., INC., 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1040031 (JP). **SATOU, Kazunori** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, 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 A61K 31/36, 47/10, 47/12, 47/14, 47/32, 47/34, 47/38, 47/42, 47/44, 9/14, 9/16, 9/48, 9/52, A61P 25/22, 25/24 // C07D 407/12
- (11) WO 2004/096208 (13) A1
- (21) PCT/JP2004/005864
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 2003-121339 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOSITION FOR ORAL ADMINISTRATION CONTAINING ALKYLENE DIOXYBENZENE DERIVATIVE
- COMPOSITION POUR ADMINISTRATION ORALE CONTENANT UN DERIVE D'ALKYLENE DIOXYBENZENE
- (71) MITSUBISHI PHARMA CORPORATION [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Tetsuya [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
- (74) TAKAYANAGI, Masau; Mitsubishi Pharma Corporation, Intellectual Property Department, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/397, A61P 43/00, 25/18, 25/28, 25/00, 1/00, 25/34, 3/04, 3/10
- (11) WO 2004/096209 (13) A1
- (21) PCT/GB2004/001812
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 0310057.5 1 May/mai 2003 GB (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • THE USE OF AZETIDINECARBOXAMIDE DERIVATIVES IN THERAPY
- UTILISATION DE DERIVES D'AZETIDINECARBOXAMIDE A DES FINS THERAPEUTIQUES
- (71) VERNALIS RESEARCH LIMITED [GB/GB]; Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIDSON, James, Edward, Paul [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). ADAMS, David, Reginald [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). BICKERDIKE, Michael, John [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). FLETCHER, Allan [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
- (74) WALLS, Alan, James; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ A61K 31/404, C07D 209/42, A61K 31/47, C07D 215/48, A61P 31/14, C07D 401/12, 413/12, 403/04, 417/04, 401/04, 417/06, 401/06, 413/06, 417/12, 403/12
- (11) WO 2004/096210 (13) A1
- (21) PCT/EP2004/004663
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 0310070.8 1 May/mai 2003 GB (01.05.2003)
- (30) 0310066.6 1 May/mai 2003 GB (01.05.2003)
- (30) 0404215.6 25 Feb/fév 2004 GB (25.02.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ACYLATED INDOLINE AND TETRAHYDROQUINOLINE DERIVATIVES AS HCV INHIBITORS
- DERIVES ACYLES D'INDOLINES ET DE TETRAHYDROQUINOLINES CONSTITUANT DES INHIBITEURS DU VHC
- (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) BRAVI, Gianpaolo [IT/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). GRIMES, Richard, Martin [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). GUIDETTI, Rossella [IT/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). HAIGH, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). HARTLEY, Charles, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). MORDAUNT, Jacqueline, Elizabeth [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). SHAH, Pritom [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). SLATER, Martin, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).
- (74) CRAWLEY, Karen; 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 A61K 31/41, 31/4178, 31/416, A61P 3/10, 9/10, C12Q 1/00
- (11) WO 2004/096211 (13) A1
- (21) PCT/EP2004/004616
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 103 19 592.0 2 May/mai 2003 DE (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANGIOTENSIN II RECEPTOR BLOCKERS FOR PREVENTING THE DEVELOPMENT OR PROGRESSION OF MICROVASCULAR DISEASE DUE TO DIABETES
- INHIBITEURS DU RECEPTEUR DE L'ANGIOTENSINE II EMPECHANT L'APPARITION OU D'ENRAYER LA PROGRESSION D'UNE MALADIE MICROVASCULAIRE DUE AU DIABETE
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).
(for all designated States except / pour tous les États désignés sauf DE US)
- (71) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).
(only for / seulement pour DE)

(72, 75) YAMAGISHI, Sho-ichi [JP/JP]; 1319-1-101 Kokubumachi, Kurume, Fukuoka 839-0863 (JP).

(74) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG; Binger Strasse 173, 55216 Ingelheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 A61K 31/415, C07D 231/14, C07K 5/078, A61P 35/00

(11) WO 2004/096212 (13) A1

(21) PCT/GB2004/001740

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309637.7 28 Apr/avr 2003 GB (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PYRAZOLE COMPOUNDS AS HSP90 INHIBITORS FOR THE TREATMENT OF CANCER

• COMPOSES DE PYRAZOLE SERVANT D'INHIBITEURS DE HSP90 DANS LE TRAITEMENT DU CANCER

(71) VERNALIS (CAMBRIDGE) LIMITED [GB/GB]; Granta Park, Abington, Cambridge CB1 6GB (GB). CANCER RESEARCH TECHNOLOGY LTD [GB/GB]; 61 Lincoln's Inn Fields, London WC2A 3PX (GB). THE INSTITUTE OF CANCER RESEARCH [GB/GB]; Royal Cancer Hospital, 123 Old Brompton Road, London SW7 3RP (GB).

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

(72, 75) BARRIL-ALONSO, Xavier [ES/GB]; Vernalis (Cambridge) Limited, Granta Park, Abington, Cambridge CB1 6GB (GB). DY-MOCK, Brian, William [GB/GB]; Vernalis (Cambridge) Limited, Granta Park, Abington, Cambridge CB1 6GB (GB). DRYSDALE, Martin, James [GB/GB]; Vernalis (Cambridge) Limited, Granta Park, Abington, Cambridge CB1 6GB (GB).

(74) HOWARD, Paul, Nicholas et al. / etc.; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

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

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

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

(51)⁷ A61K 31/4168, C07D 233/50, A61P 29/00, 13/02, 11/00, C07D 409/12, 401/12, 405/12, 403/12

(11) WO 2004/096213 (13) A1

(21) PCT/EP2004/004221

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/467,279 1 May/mai 2003 US (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMIDAZOLIN-2-YLAMINOPHENYL AMIDES AS IP ANTAGONISTS
• AMIDE D'IMIDAZOLINE-2-YLAMINOPHENYLE UTILISES COMME ANTAGONISTES D'IP

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

(72, 75) JAHANGIR, Alam [US/US]; 3655 Valley Ridge Lane, San Jose, CA 95148 (US). KEITZ, Paul, Francis [US/US]; 750 Barbour Drive, Redwood City, CA 94062 (US). LOPEZ-TAPIA, Francisco, Javier [MX/US]; 32667 Foxglove Way, Union City, CA 94587 (US). O'YANG, Counde [US/US]; 1420 Bellingham Way, Sunnyvale, CA 94087 (US).

(74) HEIROTH, Ulrike; Grenzacherstrasse 124, CH-4070 Basel (CH).

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

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

(51)⁷ A61K 31/4178, A61P 1/08

(11) WO 2004/096214 (13) A1

(21) PCT/KR2004/000230

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10-2003-0026723 28 Apr/avr 2003 KR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A RAPIDLY DISINTEGRABLE COMPOSITION FOR MASKING THE BITTER TASTE OF ONDANSETRON OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF

• COMPOSITION SE DESINTEGRANT RAPIDEMENT QUI MASQUE LE GOUT AMER DE L'ONDANSETRON OU D'UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CE DERNIER

(71) YUHAN CORPORATION [KR/KR]; 49-6 Taebang-dong, Tongjak-gu, Seoul 156-754 (KR).

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

(72, 75) PARK, Young-Joon [KR/KR]; 805-205 Jugong Apt., Burim-dong, Gwacheon-city, Kyungki-do 427-804 (KR). KANG, Dae-Sik [KR/KR]; 111-202 Shindonga Apt., Hwaseo2-dong, Jangan-gu, Suwon-city, Kyungki-do 442-870 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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, 31/41, 9/20

(11) WO 2004/096215 (13) A1

(21) PCT/EP2004/004425

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 19 450.9 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHARMACEUTICAL FORMULATION OF THE SODIUM SALT OF TELMISARTAN

• FORMULATION PHARMACEUTIQUE DU SEL DE SODIUM TELMISARTAN

(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 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 GMBH & CO. KG [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).
(only for / seulement pour DE)

(72, 75) KOHLRAUSCH, Anja [DE/DE]; Fünf Linden 31, 88400 BIBERACH (DE).

(74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 Ingelheim (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 A61K 31/428

(11) WO 2004/096216 (13) A2

(21) PCT/EP2004/004478

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03009559.0 28 Apr/avr 2003 EP (28.04.2003)

(30) 60/471,882 20 May/mai 2003 US (20.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF RILUZOLE FOR THE TREATMENT OF DISEASES WHICH ARE CHARACTERIZED BY HYPERPROLIFERATION OF KERATINOCYTES IN PARTICULAR ATOPIC DERMATITIS AND PSORIASIS

• UTILISATION DE RILUZOLE DANS LE TRAITEMENT DE MALADIES CARACTERISEES PAR L'HYPERPROLIFERATION DE KERATINOCYTES, EN PARTICULIER LA DERMATITE ATOPIQUE ET LE PSORIASIS

(71) SWITCH BIOTECH AG [DE/DE]; Floriansbogen 2-4, 82061 Neuried (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SYCH, Michael [DE/DE]; Urbanstrasse 1, 81371 München (DE). GOPPELT, Andreas [DE/DE]; Blutenburgstrasse, 80636 München (DE).

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

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

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

(51)⁷ A61K 31/4422, 31/495, 38/17, A61P 25/28

(11) WO 2004/096217 (13) A1

(21) PCT/GB2004/001691

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309509.8 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF N-TYPE CALCIUM CHANNEL INHIBITORS IN TREATING DEMYELINATING DISEASES

• UTILISATION D'INHIBITEURS DES CANAUX CALCQUES DU TYPE N DANS LE TRAITEMENT DE MALADIES DE DEMYELINISATION

(71) EISAI LONDON RESEARCH LABORATORIES LIMITED [GB/GB]; Bernard Katz Building, University College London, Gower Street, London WC1E 6BT (GB).

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

(72, 75) SMITH, Terence [GB/GB]; Eisai London Research Laboratories Limited, Bernard Katz Building, University College London, Gower Street, London WC1E 6BT (GB). TOKUHARA, Naoki [JP/JP]; Eisai Co Ltd, 5-1-3 Tokodai, Tsukuba-Shi, Ibaraki-ken 300-2635 (JP). NIIDOME, Tetsumihiro [JP/JP]; Department of Neuroscience for Drug Discovery, Graduate School of Pharmaceutical Sciences, Kyoto University, Yoshida-Shimoadachi-Cho, Sakyo-Ku, Kyoto 606-8501 (JP).

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

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

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

(51)⁷ A61K 31/4439, A61P 1/04, A61K 47/12, 47/20, 9/50

(11) WO 2004/096218 (13) A2

(21) PCT/EP2004/050618

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) P200300976 29 Apr/avr 2003 ES (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PELLET FORMULATIONS OF ACID-LABILE ANTIULCER BENZIMIDAZOLE COMPOUNDS

• GRANULES CONTENANT DES COMPOSES BENZIMIDAZOLE INSTABLES A L'ACIDE CONTRE LES ULCERES

(71) LABORATORIOS BELMAC, S.A. [ES/ES]; C. Teide, 4 Planta baja, Parque empresarial "La Marina", E-28700 San Sebastian de los Reyes (ES).

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

(72, 75) CARVAJAL MARTÍN, Luis [ES/ES]; C. Andrés Mellado, 76, E-28005 Madrid (ES). ASENSIO ASENSIO, Juan Carlos [ES/ES]; Laboratorios Belmac, Calle C-4, Polígono de Malpica, E-50016 Zaragoza (ES). SEVILLA TIRADO, Francisco Javier [ES/ES]; Laboratorios Belmac, Calle C-4, Polígono de Malpica, E-50016 Zaragoza (ES).

(74) BARLOCCI, Anna; Zea, Barlocchi & Markvardsen, S.L., Balmes, 30 1^{ra}, 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 designation / pour la désignation suivante : US

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

(51)⁷ A61K 31/445, 31/505

(11) WO 2004/096219 (13) A1

(21) PCT/US2004/012640

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,909 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROPHYLACTIC PRETREATMENT WITH ANTIOXIDANTS

• PRETRAITEMENT PREVENTIF PAR ANTIOXYDANTS

(71) MITOS CORP. [US/US]; 3 Civic Plaza, Suite 200, Newport Beach, California 92660 (US).

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

(72, 75) MAXWELL, Kameron, W. [US/US]; 16035 Avenida Calma, Rancho Santa Fe, California 92091 (US).

(74) MALLON, Joseph, J.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, California 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 31/4709, C07D 417/10, 417/14,
471/04, A61P 29/00, C07D 413/10, 401/10,
401/14, 409/10, 215/14, 413/14, 513/04,
215/12
- (11) WO 2004/096220 (13) A1
- (21) PCT/CA2004/000622
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 60/466,542 30 Apr/avr 2003 US
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • 8-(3-BIARYL)PHENYLQUINO-
LINE PHOSPHODIESTERASE-4-IN-
HIBITORS
- 8-(3-BIARYL)PHENYLQUINOLEINES
COMME INHIBITEURS DE LA PHOS-
PHODIESTERASE DE TYPE 4
- (71) MERCK FROSST CANADA & CO.
[CA/CA]; 16711 Trans-Canada Highway,
Kirkland, Québec H9H 3L1 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DUBE, Daniel [CA/CA]; 16711
Trans-Canada Highway, Kirkland, Québec
H9H 3L1 (CA). DUBE, Laurence [CA/CA];
16711 Trans-Canada Highway, Kirkland,
Québec H9H 3L1 (CA). GALLANT,
Michel [CA/CA]; 16711 Trans-Canada
Highway, Kirkland, Québec H9H 3L1
(CA). LACOMBE, Patrick [CA/CA];
16711 Trans-Canada Highway, Kirkland,
Québec H9H 3L1 (CA). DESCHENES,
Denis [CA/CA]; 16711 Trans-Canada High-
way, Kirkland, Québec H9H 3L1 (CA).
MACDONALD, Dwight [CA/CA]; 16711
Trans-Canada Highway, Kirkland, Québec
H9H 3L1 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981
McGill College Avenue, Montreal, 10 H3A
2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ A61K 31/4709, A61P 31/04
- (11) WO 2004/096221 (13) A1
- (21) PCT/EP2004/003650
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 60/466,945 30 Apr/avr 2003 US
(30.04.2003)
- (30) 60/530,822 18 Dec/déc 2003 US
(18.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • USE OF OXAZOLIDINONE-QUINO-
LINE HYBRID ANTIBIOTICS FOR
THE TREATMENT OF ANTHRAX
AND OTHER INFECTIONS
- UTILISATION D'ANTIBIOTIQUES HY-
BRIDES D'OXAZOLIDINONE-QUINO-
LEINE DESTINÉES AU TRAITEMENT
DE L'ANTHRAX ET D'AUTRES IN-
FECTIONS
- (71) MORPHOCHEM AKTIENGE-
SELLSCHAFT FÜR KOMBINA-
TORISCHE CHEMIE [DE/DE]; Gmunder
Str. 37-37a, 81379 München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HUBSCHWERLEN, Christian
[FR/FR]; 15, rue de la Gendarmerie, F-68480
Durmenach (FR). SPECKLIN, Jean-Luc
[FR/FR]; 2, rue des Faisans, F-68680
Kembs-Schaeferhof (FR). BAESCHLIN,
Daniel, K. [CH/CH]; In der Schappe 141,
CH-4144 Arlesheim (CH). LOCHER, Hans
[CH/CH]; Lindenstrasse 22, CH-4102 Bin-
ningen (CH). SIGWALT, Christine [FR/FR];
3, rue des Pommiers, F-68320 Kunheim (FR).
- (74) FORSTMAYER, Dietmar et al. / etc.;
Boeters & Lieck, Bereiteranger 15, 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).
- (51)⁷ A61K 31/4725, A61P 17/00, A61K
31/4725, 45/06
- (11) WO 2004/096222 (13) A1
- (21) PCT/EP2004/004620
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 03009921.2 30 Apr/avr 2003 EP
(30.04.2003)
- (30) 03026250.5 14 Nov/nov 2003 EP
(14.11.2003)
- (30) 60/519,942 14 Nov/nov 2003 US
(14.11.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • USE OF 1-(5-ISOQUINOLINESUL-
FONYL)HOMOPIPERAZINE, ITS AC-
TIVE METABOLITES, ISOMERS AND
SALTS FOR TREATING AND PRE-
VENTING HYPOPIGMENTARY DIS-
ORDERS
- UTILISATION DE 1-(5-ISOQUINO-
LINESULFONYL)HOMOPIPERA-
ZINE, DE SES METABOLITES AC-
TIFS, DE SES ISOMERES ET DE SES
SELS POUR TRAITER ET PREVENIR
L'HYPOPIGMENTATION
- (71) SWITCH BIOTECH AG [DE/DE]; Flori-
ansbogen 2-4, 82061 Neuried (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BELL, Stefan [DE/DE]; Neunkirchn-
erstr. 42, 81379 München (DE). EWALD,
Dagmar [DE/DE]; Fritz-Bender-Str. 33,
85402 Kranzberg (DE). FRITZ, Stephanie
[DE/DE]; Ohlmüllerstr. 6, 81541 München
(DE). GOPPELT, Andreas [DE/DE];
Blutenburgstr. 30, 80636 München (DE).
- (74) ENGELHARD, Markus et al. / etc.;
Boehmert & Boehmert, 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 DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 31/4745, A61P 35/00
- (11) WO 2004/096223 (13) A1
- (21) PCT/IB2004/001395
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 60/466,222 28 Apr/avr 2003 US
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • USE OF IRINOTECAN FOR TREAT-
MENT OF RESISTANT BREAST CAN-
CER
- UTILISATION D'IRINOTECAN DANS
LE TRAITEMENT DES CANCERS DU
SEIN REBELLES
- (71) PHARMACIA & UPJOHN COMPANY
[US/US]; 301 Henrietta, Kalamazoo, MI
49001 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MILLER, Langdon, L. [US/US];
13 Strawberry Lane, Lebanon, NJ 08833
(US). EMANUEL, David [US/US]; 143
Elm Street, Tenafly, NJ 07670 (US). MC-
GOVREN, James, Patrick [US/US]; 6586
Morningstar Way, Kalamazoo, MI 49009

(US). **SCHAAF, Larry, J.** [US/US]; 6606 Trotwood, Portage, MI 49024 (US). **RA-MACHANDRA, Sumant** [US/US]; 16 Dorothy Lane, Milltown, NJ 08850 (US).

(74) **FULLER, Grover, F., Jr.,** C/o Simpson, Al-ison, Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (GB).

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

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

(51)⁷ **A61K 31/496, 31/517, A61P 35/00**

(11) **WO 2004/096224** (13) A2

(21) PCT/EP2004/004363

(22) **24 Apr/avr 2004 (24.04.2004)**

(25) en (26) en

(30) 03009587.1 **29 Apr/avr 2003** EP (29.04.2003)

(30) 04000508.4 **13 Jan/jan 2004** EP (13.01.2004)

(30) 04001171.0 **21 Jan/jan 2004** EP (21.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBINATIONS FOR THE TREATMENT OF DISEASES INVOLVING CELL PROLIFERATION, MIGRATION OR APOPTOSIS OF MYELOMA CELLS, OR ANGIOGENESIS

• COMBINAISONS POUR TRAITER DES MALADIES IMPLIQUANT LA PROLIFERATION CELLULAIRE, LA MIGRATION OU L'APOPTOSE DE CELLULES DU MYELOME OU L'ANGIOGENESE

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Strasse 173, 55216 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 GMBH & CO. KG** [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).

(only for / seulement pour DE)

(72, 75) **HILBERG, Frank** [DE/AT]; Pilgramgasse 18/22, A-1050 Wien (AT). **SOLCA, Flavio** [CH/AT]; Gesslgasse 10/6, A-1230 Wien (AT). **STEFANIC, Martin Friedrich** [DE/DE]; Am Weiher 25, 88447 Warthausen-Birkenhard (DE). **BAUM, Anke** [DE/AT]; Groisbach 13, A-2534 Alland (AT). **MUNZERT, Gerd** [DE/DE]; Merianweg 64, 89075 Ulm (DE). **VAN MEEL, Jacobus,**

C.A. [NL/AT]; Kärntnergasse 6, A-2340 Mödling (AT).

(74) **Boehringer Ingelheim International GMBH**; Binger Strasse 173, 55216 Ingelheim (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 **A61K 31/506, 31/496, 31/426, 31/4439, 31/5377, 31/4545, A61P 25/28**

(11) **WO 2004/096225** (13) A2

(21) PCT/IB2004/001874

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/465,789 **28 Apr/avr 2003** US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF TYROSINE KINASE INHIBITORS FOR TREATING CEREBRAL ISCHEMIA

• UTILISATION D'INHIBITEURS DE TYROSINE KINASE POUR LE TRAITEMENT DE L'ISCHEMIE CEREBRALE

(71) **AB SCIENCE** [FR/FR]; 3, avenue George V, F-75008 Paris (FR).

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

(72, 75) **KINET, Jean-Pierre** [FR/US]; 3 Hunt Road, Lexington, MA 02421 (US). **MOUSSY, Alain** [FR/FR]; 22 bis, passage Dauphine, F-75006 Paris (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 **A61K 31/517, C07D 403/12, 403/14, A61P 35/00**

(11) **WO 2004/096226** (13) A1

(21) PCT/GB2004/001799

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 0309850.6 **30 Apr/avr 2003** GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUINAZOLINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF CANCER

• DERIVES QUINAZOLINE, UTILISATIONS DE CES DERNIERS DANS LE TRAITEMENT DU CANCER

(71) **ASTRAZENECA AB** [SE/SE]; S-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) **HENNEQUIN, Laurent, Francois, Andre** [FR/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **PLOWRIGHT, Allyn** [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) **ASTRAZENECA**; Global Intellectual Property, S-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).

(51)⁷ **A61K 31/519, 31/4468, 31/445, 31/485, 31/454, 31/416, 31/5377, 31/135, 31/136, 31/4535, A61P 29/00**

(11) **WO 2004/096227** (13) A1

(21) PCT/EP2004/004436

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 60/466,116 **28 Apr/avr 2003** US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHARMACEUTICAL COMPOSITON COMPRISING A CATHEPSIN S INHIBITOR AND AN OPIOID

• COMPOSITION PHARMACEUTIQUE COMPRENANT UN INHIBITEUR DE LA CATHEPSINE S ET UN OPIOIDE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Wien (AT).

(only for / seulement pour AT)

(72, 75) GANJU, Pamposh [GB/GB]; Novartis Institute for Medical Sciences, 5 Gower Place, London WC1E 6BS (GB). MALCANGIO, Marzia [IT/GB]; Novartis Institute for Medical Sciences, 5 Gower Place, London, WC1E 6BS (GB). SONG, Chuazheng [CN/US]; 11 Fiddleneck Lane, Southborough, MA 01772 (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).

Published / Publiée : (c)

(51)⁷ A61K 31/522, 31/635, 31/63, A61P 7/10

(11) WO 2004/096228 (13) A1

(21) PCT/US2004/012518

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,007 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF IMPROVED DIURESIS IN INDIVIDUALS WITH IMPAIRED RENAL FUNCTION

• METHODE POUR AMELIORER LA DIURESE CHEZ DES PERSONNES A FONCTION RENALE ALTEREE

(71) NOVACARDIA, INC. [US/US]; 12230 El Camino Real, Suite 300, San Diego, California 92130 (US).

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

(72, 75) WIDDER, Kenneth J., [US/US]; P.O. Box 676250, Rancho Santa Fe, California 92067 (US). OTSUKI, Lauren [US/US]; 16749 Calle Hermosa, San Diego, California 92127 (US). DITTRICH, Howard [US/US]; 10485 Livewood Way, San Diego, California 92131 (US). THOMSON, Scott [US/US]; 17305 Iron Mountain Drive, Poway, CA 92064 (US). BLANTZ, Roland [US/US]; 13050 Via Grimaldi, Del Mar, California 92014 (US).

(74) MALLON, Joseph J.; KNOBBE MARTENS OLSON & BEAR LLP, 2040 Main Street, 14th Floor, Irvine, California 92614 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 31/5375, A61P 1/14

(11) WO 2004/096229 (13) A1

(21) PCT/JP2004/006159

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124694 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEDICINAL COMPOSITION IN SOLUTION FORM

• COMPOSITION MEDICAMENTEUSE EN SOLUTION

(71) DAINIPPON PHARMACEUTICAL CO., LTD. [JP/JP]; 6-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5418524 (JP).

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

(72, 75) HIGAKI, Masaru [JP/JP]; 10-12-904, Mitejima 2-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP). MURAKAMI, Takayuki [JP/JP]; 7-1-507, Satakeda 1-chome, Suita-shi, Osaka 5650855 (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 A61K 31/5377, A61P 19/02, 29/00, C07D 261/14

(11) WO 2004/096230 (13) A1

(21) PCT/JP2004/006105

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-125523 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REMEDY FOR RHEUMATOID ARTHRITIS

• REMEDE CONTRE LA POLYARTHRITE RHUMATOIDE

(71) SUMITOMO PHARMACEUTICALS CO. LTD. [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi Osaka, 5418510 (JP).

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

(72, 75) TAKADA, Yoshihiro [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd. 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi Osaka, 5418510 (JP). KANEKO, Munekiyo [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd. 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi Osaka, 5418510 (JP). TAGASHIRA, Rie [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd. 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi Osaka, 5418510 (JP).

(74) ISOBE, Yutaka; c/o Intellectual Property Department SUMITOMO PHARMACEUTICALS CO., LTD. 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi Osaka, 5540022 (JP).

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

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

(51)⁷ A61K 31/5415, A61P 27/16, 25/28, 25/02

(11) WO 2004/096231 (13) A2

(21) PCT/EP2004/005183

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03291024.2 25 Apr/avr 2003 EP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF PIPERAZINE PHENOTHIAZINE DERIVATIVES, OR A PHARMACEUTICALLY ACCEPTABLE SALT OR ESTER THEREOF, IN THE MANUFACTURE OF A MEDICAMENT WITH NEUROPROTECTOR AND/OR NEUROTROPHIC EFFECTS ON CNS AND/OR PNS

• UTILISATION DE DERIVES DE PIPERAZINE PHENOTHIAZINE, OU D'UN SEL OU ESTER DE CEUX-CI, DANS LA FABRICATION D'UN MEDICAMENT A EFFETS NEUROPROTECTEURS ET/OU NEUROTROPHIQUES SUR LE SYSTEME NERVEUX CENTRAL ET/OU LE SYSTEME NERVEUX PERIPHERIQUE

(71) NEURO 3D [FR/FR]; 130, rue de la Mer Rouge, F-68200 Mulhouse (FR). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(51) ⁷ A61K 31/662	(13) A2	(30) 60/465,608	25 Apr/avr 2003 (25.04.2003)	US	
	(11) WO 2004/096233	(13) A2	(30) 60/495,317	15 Aug/août 2003 (15.08.2003)	US	
	(21) PCT/US2004/013060					
(72, 75) CALLIZOT, Noëlle [FR/FR]; 14, rue de Lamproie, F-67000 Strasbourg (FR). APPERT COLLIN, Aline [FR/FR]; 58, route des Romains, F-67200 Strasbourg (FR).	(22) 26 Apr/avr 2004 (26.04.2004)		(30) 60/495,273	15 Aug/août 2003 (15.08.2003)	US	
	(25) en	(26) en				
	(30) 60/465,600	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,631	15 Aug/août 2003 (15.08.2003)	US
(74) CABINET HIRSCH ; Groupement 161, 58, Avenue Marceau, 75008 Paris (FR).	(30) 60/465,467	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,696	15 Aug/août 2003 (15.08.2003)	US
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(30) 60/465,759	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,592	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,602	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,277	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,633	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,453	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,559	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,564	15 Aug/août 2003 (15.08.2003)	US
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) 60/465,574	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,344	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,548	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,334	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,684	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,343	15 Aug/août 2003 (15.08.2003)	US
Declarations / Déclarations : (r) for all designations / pour toutes les désignations (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (t) for all designations / pour toutes les désignations (u) for / pour US only / seulement	(30) 60/465,554	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,539	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,553	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,805	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,698	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,417	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,561	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,490	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,821	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,763	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,400	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,278	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,537	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,760	15 Aug/août 2003 (15.08.2003)	US
(51) ⁶ A61K 31/565	(30) 60/465,696	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,684	15 Aug/août 2003 (15.08.2003)	US
(11) WO 2004/096232 (13) A1	(30) 60/465,667	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,600	15 Aug/août 2003 (15.08.2003)	US
(21) PCT/JP1996/001774						
(22) 27 Jun/juin 1996 (27.06.1996)	(30) 60/465,550	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,633	15 Aug/août 2003 (15.08.2003)	US
(25) ja (26) ja						
(30) 7/282528 3 Oct/oct 1995 JP (03.10.1995)	(30) 60/465,591	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,387	15 Aug/août 2003 (15.08.2003)	US
(43) 11 Nov/nov 2004 (11.11.2004)	(30) 60/465,544	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,671	15 Aug/août 2003 (15.08.2003)	US
(54) • INTERLEUKIN-8 ENHANCER • ACTIVATEUR D'INTERLEUKINE-8	(30) 60/465,720	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,491	15 Aug/août 2003 (15.08.2003)	US
(71, 72) TERAO, Toshihiko [JP/JP]; 4872-29, Handacho, Hamamatsu-shi, Shizuoka 431-31 (JP). KANAYAMA, Naohiro [JP/JP]; Room 1-102, Handayamashukusha, 3600, Handa-cho, Hamamatshu-shi, Shizuoka 431-31 (JP).	(30) 60/465,463	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,772	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,587	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,349	15 Aug/août 2003 (15.08.2003)	US
	(30) 60/465,610	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,525	15 Aug/août 2003 (15.08.2003)	US
(74) OMORI, Akiko ; c/o Kanebo Limited, Industrial Property Center, 5-90, Tomobuchicho 1-chome, Miyakojima-ku, Osaka-shi, Osaka 534 (JP).	(30) 60/465,584	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,964	15 Aug/août 2003 (15.08.2003)	US
(81) US.	(30) 60/465,634	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/510,245	10 Oct/oct 2003 (10.10.2003)	US
Published / Publiée : (e): 06Mar/mar 2001 (06.03.2001), 6197291	(30) 60/465,347	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,926	24 Oct/oct 2003 (24.10.2003)	US

(30) 60/514,144	24 Oct/oct 2003 (24.10.2003)	US	(51) ⁷ A61K 31/662		94002 (US). MACKMAN, Richard, L. [GB/US]; 360 Ashton Avenue, Millbrae, CA 94030 (US). SWAMINATHAN, Sundaramoorthi [IN/US]; 2858 Hillside Drive, Burlingame, CA 94010 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, CA 94087 (US).
(30) 60/513,949	24 Oct/oct 2003 (24.10.2003)	US	(11) WO 2004/096234	(13) A2	(74) CLISE, Timothy, B. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).
(30) 60/514,159	24 Oct/oct 2003 (24.10.2003)	US	(21) PCT/US2004/013062		(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(30) 60/514,083	24 Oct/oct 2003 (24.10.2003)	US	(22) 26 Apr/avr 2004 (26.04.2004)		(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(30) 60/513,932	24 Oct/oct 2003 (24.10.2003)	US	(25) en	(26) en	
(30) 60/531,940	22 Dec/déc 2003 (22.12.2003)	US	(30) 60/465,465	25 Apr/avr 2003 (25.04.2003)	US
(43) 11 Nov/nov 2004 (11.11.2004)			(30) 60/465,594	25 Apr/avr 2003 (25.04.2003)	US
(54) • NUCLEOSIDE PHOSPHONATE ANALOGS			(30) 60/465,569	25 Apr/avr 2003 (25.04.2003)	US
• ANALOGUES D'UN PHOSPHONATE NUCLEOSIDIQUE			(30) 60/465,588	25 Apr/avr 2003 (25.04.2003)	US
(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). (for all designated States except / pour tous les États désignés sauf US)			(30) 60/495,527	15 Aug/août 2003 (15.08.2003)	US
(71, 72) BOOJAMARA, Constantine, G. [US/US]; 1068 Ashbury Street, San Francisco, CA 94117 (US). CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, CA 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, CA 94403 (US). CHO, Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, CA 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, CA 94560 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, CA 94070 (US). HUANG, Alan, X. [CN/US]; 3061 La Selva, C-207, San Mateo, CA 94403 (US). KIM, Choung, X. [US/US]; 1750 Elizabeth Street, San Carlos, CA 94070 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, CA 94002 (US). LEE, Christopher, P. [US/US]; 1099 Noe Street, #3, San Francisco, CA 94114 (US). OARE, David [US/US]; 1622 Ralston Avenue, Belmont, CA 94002 (US). PRASAD, Vidya, K. [SG/US]; 1433 Floribunda Avenue, #3, Burlingame, CA 94010 (US). RAY, Adrian, S. [US/US]; 1927 Bridgepoint Circle, #J231, San Mateo, CA 94404 (US). SWAMINATHAN, Sundaramoorthi [IN/US]; 2858 Hillside Drive, Burlingame, CA 94010 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, CA 94087 (US).			(30) 60/495,685	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/495,686	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/495,382	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/513,956	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/514,368	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/513,925	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/513,974	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/514,207	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/514,115	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/514,324	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/514,330	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/531,932	22 Dec/déc 2003 (22.12.2003)	US
			(30) 60/536,054	12 Jan/jan 2004 (12.01.2004)	US
			(43) 11 Nov/nov 2004 (11.11.2004)		
			(54) • KINASE INHIBITORY PHOSPHONATE ANALOGS		
			• ANALOGUES DE PHOSPHONATE INHIBITEURS DE KINASE		
(74) STEFFEY, Charles, E. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).			(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). (for all designated States except / pour tous les États désignés sauf US)		
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			(71, 72) CANNIZZARO, Carina, E. [US/US]; 10 Scenic Way, #101, San Mateo, CA 94403 (US). CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, CA 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, CA 94403 (US). CHO, Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, CA 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, CA 94560 (US). DESAI, Manoj [US/US]; 1975 Mohawk Drive, Pleasant Hill, CA 94523 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, CA 94070 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, CA		
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).					

(30) 60/465,377	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,789	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,481	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,575	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,416	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,452	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,465	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,426	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,105	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,287	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,669	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,145	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,569	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,784	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,926	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,545	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,629	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,971	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,325	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,524	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,112	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,343	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,685	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,202	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,586	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,387	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,462	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/465,559	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,968	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/513,927	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/493,310	7 Aug/août 2003 (07.08.2003)	US	(30) 60/514,424	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/513,972	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/493,303	7 Aug/août 2003 (07.08.2003)	US	(30) 60/513,956	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,280	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,645	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,207	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,131	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,362	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,359	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,083	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,534	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,588	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,346	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,484	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,115	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,247	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,525	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,144	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,304	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,682	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,948	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,161	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,647	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,159	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,439	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,362	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,368	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,258	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,527	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,980	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/513,925	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,393	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,084	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/513,564	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,736	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,963	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,393	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,769	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,461	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,325	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,297	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,979	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,235	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,565	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,923	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,394	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,751	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,114	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,330	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,382	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,944	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,113	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,425	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,369	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,298	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,686	15 Aug/août 2003 (15.08.2003)	US	(30) 60/514,108	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/514,345	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,644	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,969	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/513,974	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,339	15 Aug/août 2003 (15.08.2003)	US	(30) 60/513,949	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/513,932	24 Oct/oct 2003 (24.10.2003)	US

(30) 60/513,562	24 Oct/oct 2003 (24.10.2003)	US	Burlingame, California 94010 (US). PYUN, Hyung-Jung [KR/US]; 35444 Woodbridge Place, Fremont, California 94536 (US). RAY, Adrian, S. [US/US]; 1927 Bridgepoint Circle, #J231, San Mateo, California 94404 (US). SWAMINATHAN, Sundaramoorthi [IN/US]; 2858 Hillside Drive, Burlingame, c 94010 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, California 94087 (US). ZHANG, Lijun [US/US]; 4033 Middlefield Road, Palo Alto, California 94303 (US).	(30) 60/495,455	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/519,476	12 Nov/nov 2003 (12.11.2003)	US		(30) 60/495,425	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/524,340	20 Nov/nov 2003 (20.11.2003)	US		(30) 60/495,661	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/531,960	22 Dec/déc 2003 (22.12.2003)	US		(30) 60/495,416	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/532,230	22 Dec/déc 2003 (22.12.2003)	US		(30) 60/495,417	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/532,160	22 Dec/déc 2003 (22.12.2003)	US	(74) STEFFEY, Charles, E. et al. / etc.; P.O. Box 2938, Minneapolis, Minnesota 55402 (US).	(30) 60/495,456	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/531,940	22 Dec/déc 2003 (22.12.2003)	US	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(30) 60/495,427	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/532,591	23 Dec/déc 2003 (23.12.2003)	US		(30) 60/495,529	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/536,054	12 Jan/jan 2004 (12.01.2004)	US		(30) 60/495,533	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/536,007	12 Jan/jan 2004 (12.01.2004)	US		(30) 60/495,537	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/536,005	12 Jan/jan 2004 (12.01.2004)	US	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) 60/495,614	15 Aug/août 2003 (15.08.2003)	US		
(30) 60/536,006	12 Jan/jan 2004 (12.01.2004)	US		(30) 60/495,393	15 Aug/août 2003 (15.08.2003)	US		
(43) 11 Nov/nov 2004 (11.11.2004)				(30) 60/495,398	15 Aug/août 2003 (15.08.2003)	US		
(54) • ANTI-CANCER ANALOGS	PHOSPHONATE		(51) ⁷ A61K 31/662	(30) 60/514,051	24 Oct/oct 2003 (24.10.2003)	US		
• ANALOGUES DE PHOSPHONATE ANTICANCEREUX			(11) WO 2004/096236 (13) A2	(30) 60/514,140	24 Oct/oct 2003 (24.10.2003)	US		
(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, California 94404 (US).			(21) PCT/US2004/013143	(30) 60/514,075	24 Oct/oct 2003 (24.10.2003)	US		
(for all designated States except / pour tous les États désignés sauf US)			(22) 26 Apr/avr 2004 (26.04.2004)	(30) 60/514,258	24 Oct/oct 2003 (24.10.2003)	US		
			(25) en (26) en	(30) 60/514,202	24 Oct/oct 2003 (24.10.2003)	US		
(71, 72) BOOJAMARA, Constantine, G. [US/US]; 1068 Ashbury Street, San Francisco, California 94117 (US). CANNIZARO, Carina, E. [US/US]; 10 Scenic Way, #101, San Mateo, California 94403 (US). CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, California 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, California 94403 (US). CHO, Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, California 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, California 94560 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, California 94070 (US). HUANG, Alan, X. [CN/US]; 3061 La Selva, C-207, San Mateo, California 94403 (US). KIM, Choung, X. [US/US]; 1750 Elizabeth Street, San Carlos, California 94070 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, California 94002 (US). KRAWCZYK, Steven [US/US]; 1679 Alameda, San Carlos, California 94070 (US). LEE, Christopher, P. [US/US]; 1099 Noe Street, #3, San Francisco, California 94114 (US). LIN, Kuei-Ying [US/US]; 4774 Canvasback Common, Fremont, California 94555 (US). MACKMAN, Richard, L. [GB/US]; 360 Ashton Avenue, Millbrae, California 94030 (US). MARKEVITCH, David, Y. [RU/US]; 15135 Woodward Road, San Jose, California 95124 (US). NELSON, Peter, H. [US/US]; 42 San Juan Court, Los Altos, California 94002 (US). OARE, David [US/US]; 1622 Ralston Avenue, Belmont, California 94002 (US). PRASAD, Vidya, K. [SG/US]; 1433 Floribunda Avenue, #3,	(30) 60/465,377	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/514,054	24 Oct/oct 2003 (24.10.2003)	US		
			(30) 60/465,532	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,971	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,574	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,561	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,844	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,979	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,424	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,592	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,581	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/514,394	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,420	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/514,175	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,531	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,562	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,373	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/514,201	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,380	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/514,161	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,481	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/514,113	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/465,433	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/513,946	24 Oct/oct 2003 (24.10.2003)	US
			(30) 60/493,303	7 Aug/août 2003 (07.08.2003)	US			
			(30) 60/493,310	7 Aug/août 2003 (07.08.2003)	US			
			(30) 60/493,302	7 Aug/août 2003 (07.08.2003)	US			
			(30) 60/493,309	7 Aug/août 2003 (07.08.2003)	US			

(30) 60/513,975	24 Oct/oct 2003 (24.10.2003)	US	[US/US]; 1656 Notre Dame Drive, Mountain View, CA 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, CA 94560 (US). DESAI, Manoj [US/US]; 1975 Mohawk Drive, Pleasant Hill, CA 94523 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, CA 94070 (US). HUANG, Alan, X. [CN/US]; 3061 La Selva, C-207, San Mateo, CA 94403 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, CA 94002 (US). LEE, Christopher, P. [US/US]; 1099 Noe Street, #3, San Francisco, CA 94114 (US). MACKMAN, Richard, L. [GB/US]; 360 Ashton Avenue, Millbrae, CA 94030 (US). NELSON, Peter, H. [US/US]; 42 San Juan Court, Los Altos, CA 94002 (US). PYUN, Hyung-Jung [KR/US]; 35444 Woodbridge Place, Fremont, CA 94536 (US). RAY, Adrian, S. [US/US]; 1927 Bridgepoint Circle, #J231, San Mateo, CA 94404 (US). SWAMINATHAN, Sundaramoorthi [IN/US]; 2858 Hillside Drive, Burlingame, CA 94010 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, CA 94087 (US). ZHANG, Jennifer, R. [US/US]; 1046 Gull Avenue, Foster City, CA 94404 (US).	(30) 60/465,339	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/513,589	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/465,536	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/514,280	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,531	15 Aug/août 2003 (15.08.2003)	US
(30) 60/513,588	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,361	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,044	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,863	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,453	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,669	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,144	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,681	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,298	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,347	15 Aug/août 2003 (15.08.2003)	US
(30) 60/513,593	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,354	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,021	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,489	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,325	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,526	15 Aug/août 2003 (15.08.2003)	US
(30) 60/513,563	24 Oct/oct 2003 (24.10.2003)	US	(74) STEFFEY, Charles, E. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).	(30) 60/495,762	15 Aug/août 2003 (15.08.2003)	US
(30) 60/513,948	24 Oct/oct 2003 (24.10.2003)	US	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(30) 60/495,534	15 Aug/août 2003 (15.08.2003)	US
(30) 60/513,579	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/495,753	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,424	24 Oct/oct 2003 (24.10.2003)	US		(30) 60/513,954	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/532,160	1 Dec/déc 2003 (01.12.2003)	US		(30) 60/513,966	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/514,522	22 Dec/déc 2003 (22.12.2003)	US	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) 60/514,465	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/532,230	22 Dec/déc 2003 (22.12.2003)	US		(30) 60/514,303	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/531,960	22 Dec/déc 2003 (22.12.2003)	US		(30) 60/514,104	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/531,932	22 Dec/déc 2003 (22.12.2003)	US	(51) ⁷ A61K 31/662	(30) 60/532,274	22 Dec/déc 2003 (22.12.2003)	US
(30) 60/531,940	22 Dec/déc 2003 (22.12.2003)	US	(11) WO 2004/096237 (13) A2	(30) 60/532,184	22 Dec/déc 2003 (22.12.2003)	US
(30) 60/532,230	22 Dec/déc 2003 (22.12.2003)	US	(21) PCT/US2004/013146	(30) 60/532,273	22 Dec/déc 2003 (22.12.2003)	US
(30) 60/532,591	23 Dec/déc 2003 (23.12.2003)	US	(22) 26 Apr/avr 2004 (26.04.2004)	(30) 60/532,183	22 Dec/déc 2003 (22.12.2003)	US
(30) 60/536,005	12 Jan/jan 2004 (12.01.2004)	US	(25) en (26) en	(30) 60/532,415	23 Dec/déc 2003 (23.12.2003)	US
(43) 11 Nov/nov 2004 (11.11.2004)			(30) 60/465,317 25 Apr/avr 2003 (25.04.2003)	(30) 60/532,683	23 Dec/déc 2003 (23.12.2003)	US
(54) • PHOSPHONATE COMPOUNDS HAVING IMMUNO-MODULATORY ACTIVITY			(30) 60/465,292 25 Apr/avr 2003 (25.04.2003)	(30) 60/532,682	23 Dec/déc 2003 (23.12.2003)	US
• COMPOSES DE PHOSPHONATE PRESENTANT UNE ACTIVITE IMMUNO-MODULATRICE			(30) 60/465,325 25 Apr/avr 2003 (25.04.2003)	(30) 60/532,587	23 Dec/déc 2003 (23.12.2003)	US
(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>			(30) 60/465,475 25 Apr/avr 2003 (25.04.2003)	(30) 60/536,179	12 Jan/jan 2004 (12.01.2004)	US
(71, 72) CANNIZZARO, Carina, E. [US/US]; 10 Scenic Way, #101, San Mateo, CA 94403 (US). CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, CA 94583 (US). CHEN, Xiaowu [US/US]; Apt. 319, 377 Laurie Meadows Drive, San Mateo, CA 94403 (US). CHO, Aesop			(30) 60/465,751 25 Apr/avr 2003 (25.04.2003)	(43) 11 Nov/nov 2004 (11.11.2004)		
			(30) 60/465,689 25 Apr/avr 2003 (25.04.2003)	(54) • PHOSPHONATE ANALOGS FOR TREATING METABOLIC DISEASES		
			(30) 60/465,355 25 Apr/avr 2003 (25.04.2003)	• ANALOGUES DE PHOSPHONATES CONVENANT AU TRAITEMENT D'AFFECTIONS DU METABOLISME		
			(30) 60/465,763 25 Apr/avr 2003 (25.04.2003)	(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, California 94404 (US).		
			(30) 60/465,286 25 Apr/avr 2003 (25.04.2003)			
			(30) 60/465,399 25 Apr/avr 2003 (25.04.2003)			

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

- (72, 75) CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, California 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, California 94403 (US). CHO, Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, California 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, California 94560 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, California 94070 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, California 94002 (US). KRAWCZYK, Steven [US/US]; 1679 Alameda, San Carlos, California 94070 (US). PYUN, Hyung-Jung [KR/US]; 35444 Woodbridge Place, Fremont, California 94536 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, California 94087 (US).

- (74) CLISE, Timothy, B. et al. / etc.; P.O. Box 2938, Minneapolis, Minnesota 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/70, C12N 15/74

(11) WO 2004/096238 (13) A1

(21) PCT/US2003/010096

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NUCLEIC ACID COMPOSITIONS AND METHODS FOR USE

- COMPOSITIONS D'ACIDES NUCLEIQUES ET PROCEDES D'UTILISATIONS

- (71) CENTOCOR, INC. [US/US]; 200 Great Valley Parkway, Malvern, PA 19355 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) GOLETZ, Theresa, J. [US/US]; 147 Pinecrest Drive, King of Prussia, PA 19406 (US). MCCARTHY, Stephen, G. [US/US]; 701 Patrick Henry Circle, West Chester, PA 19382 (US). SCALLON, Bernard, J. [US/US]; 139 Hemlock Drive, Collegeville, PA 19426 (US). SNYDER, Linda, A. [US/US]; 1795 Honeysuckle Lane, Pottstown, PA 19465 (US). BRANIGAN, Patrick, J. [US/US]; 223 Hansell Road, Lansdowne, PA 19050 (US).

- (72, 75) KNIGHT, David, M. [US/US]; 2430 Whitehorse Road, Berwyn, PA 19312 (US).

- (74) BAUMEISTER, Kirk; 200 Great Valley Parkway, Malvern, PA 19355 (US).

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

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

(51)⁷ A61K 31/704, A61P 35/00

(11) WO 2004/096239 (13) A1

(21) PCT/CA2004/000446

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/465,228 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR ADMINISTRATION OF TROXACITABINE

- METHODE D'ADMINISTRATION DE TROXACITABINE

- (71) SHIRE BIOCHEM INC. [CA/CA]; 275 Armand-Frappier Boulevard, Laval, Quebec H7V 4A7 (CA).

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

- (72, 75) JOLIVET, Jacques [CA/CA]; 1101 Chemin des Boises Champetres, Val David, Quebec J0T 2N0 (CA). GOURDEAU, Henriette [CA/CA]; 3821 Hampton, Montreal, Quebec H4A 2K7 (CA).

- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

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

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

(51)⁷ A61K 31/7048, 35/78, A61P 5/50, 9/00, 15/12

(11) WO 2004/096240 (13) A1

(21) PCT/GB2004/001919

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 0310190.4 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ANTHOCYANINS USEFUL FOR THE TREATMENT OF DIABETES, CARDIOVASCULAR DISORDERS AND

TO LOWER THE RISK OF ADVERSE EFFECTS OF HORMONE REPLACEMENT THERAPY

- ANTHOCYANINES UTILES AU TRAITEMENT DES DIABETES, DES TROUBLES CARDIO-VASCULAIRES ET PERMETTANT DE DIMINUER LE RISQUE DES EFFETS INDESIRABLES DE LA THERAPIE DE REMPLACEMENT D'HORMONES

- (71) MEDPALETT PHARMACEUTICALS AS [NO/NO]; Hanaveien 4-6, N-4327 Sandnes (NO).

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

- (71) BEACHAM, Annabel, Rose [GB/GB]; Frank B. Dehn & Co, 179 Queen Victoria Street, London EC4V 4EL (GB).

(only for / seulement pour GB)

- (72, 75) SANDVIK, Leiv [NO/NO]; Ullevål University Hospital, Oslo (NO).

- (74) FRANK B. DEHN & CO.; 179 Queen Victoria Street, London EC4V 4EL (GB).

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/7056, A61P 31/14

(11) WO 2004/096241 (13) A1

(21) PCT/NL2004/000293

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03076299.1 2 May/mai 2003 EP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • HMPV TREATMENT WITH RIBAVIRIN AND ANTI-HMPV ANTIBODY

- TRAITEMENT DU HMPV PAR LA RIBAVIRINE ET DES ANTICORPS ANTI-HMPV

- (71) VIRONOVATIVE B.V. [NL/NL]; Burge-meester Oudlaan 50, NL-3062 PA Rotterdam (NL).

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

- (72, 75) MAERTZDORF, Jeroen [NL/NL]; Wolfstraat 88, NL-3513 SZ Utrecht (NL). SIMON, James, Henry, Matthew [GB/NL]; Witte de Withstraat 55, NL-3012 BM Rotterdam (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 31/716, 35/78, A61P 17/00

(11) WO 2004/096242 (13) A1

(21) PCT/CA2004/000662

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/467,146 2 May/mai 2003 US
(02.05.2003)

(30) 60/477,048 10 Jun/juin 2003 US
(10.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PHARMACEUTICAL COMPOSITIONS COMPRISING CEREAL BETA (1-3) BETA (1-4) GLUCAN

- COMPOSITIONS PHARMACEUTIQUES CONTENANT UN BETA(1-3) BETA(1-4) GLUCANE DE CEREALE

- (71) CEAPRO INC. [CA/CA]; 4046 EDC, University of Alberta, 8303-114 Street, Edmonton, Alberta T6G 2E1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) REDMOND, Mark, J. [CA/CA]; 1160492 Avenue, Edmonton, Alberta T6C 1B3 (CA). FIELDER, David, A. [CA/CA]; 9911-68 Street, Edmonton, Alberta T6A 2S6 (CA).

- (74) ERRATT, Judy, A. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/734, 33/44, 9/06, A61P 1/10

(11) WO 2004/096243 (13) A1

(21) PCT/JP2004/005761

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-122470 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AGENT FOR PREVENTING AND AMELIORATING CONSTIPATION

- AGENT DE PREVENTION ET D'ATTENUATION DE LA CONSTIPATION

- (71) KOUKI BUSSAN YUGENKAISHA [JP/JP]; 9-11, Hamadayama 3-chome, Suginami-ku, Tokyo 1680065 (JP).

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

- (72, 75) AOYAGI, Juuro [JP/JP]; 20-9, Inokashira 2-chome, Mitaka-shi, Tokyo 1810001 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 35/12

(11) WO 2004/096244 (13) A1

(21) PCT/KR2004/001025

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0028145 2 May/mai 2003 KR
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD OF PREPARING TUMOR VACCINE FOR THE INDUCEMENT OF ANTI-TUMOR ACTIVITY AND A PHARMACEUTICAL COMPOSITION CONTAINING THE SAME

- PROCEDE DE PREPARATION D'UN VACCIN POUR INDUIRE UNE ACTIVITE ANTITUMORALE ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT

- (71) MD BIOALPHA CO. LTD. [KR/KR]; #1713, Honor's Ville, 1380-1, Dunsan-dong, Seo-gu, Daejeon 302-120 (KR).

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

- (72, 75) KWAK, Taehwan [KR/KR]; 103-503, Seogeunaemaoul SK Apt., Seochon-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-906 (KR). PARK, Myunggyu [KR/KR]; 107-302, Seogeunaemaoul SK Apt., Seochon-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-906 (KR). YOON, Taek Joon [KR/KR]; 102-1005, Imwonmaoul Yeonghwa Apt., Gorim-dong, Yongin-si, Gyeonggi-do 449-010 (KR).

- (74) SOHN, Chang Kyu; 4F., Halla Bldg., 641-17, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

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

Published / Publiée : (c)

(51)⁷ A61K 35/34, A61P 25/00

(11) WO 2004/096245 (13) A2

(21) PCT/US2004/013115

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,846 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • MUSCLE DERIVED CELLS (MDCS) FOR PROMOTING AND ENHANCING NERVE REPAIR AND REGENERATION

- CELLULES MUSCULAIRES DERIVEES FAVORISANT ET AMELIORANT LA REPARATION ET LA REGENERATION DES NERFS

- (71) THE UNIVERSITY OF PITTSBURGH [US/US]; The Office of Technology Management, 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US).

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

- (72, 75) CHANCELLOR, Michael, B. [US/US]; 5836 Ferree Street, Pittsburgh, PA 15217 (US). HUARD, Johnny [US/US]; 210 Pine Cone Court, Waxford, PA 15090 (US). MINNERY, Brandon [US/US]; 5503 Howe Street, Apt. 2, Pittsburgh, PA 15232 (US).

- (74) SERUNIAN, Leslie, A.; Mintz Levin Cohn Ferris Glovsky & Popeo, P.C., 666 Third Avenue, 24th Floor, 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 35/74, A61P 11/02, 11/06, 17/00, 27/02, 37/08, A23L 1/30, C12N 1/20

(11) WO 2004/096246 (13) A1

(21) PCT/JP2004/002456

(22) 27 Feb/fév 2004 (27.02.2004)

- (25) ja (26) ja CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 2003-68943 **13 Mar/mar 2003** JP **(13.03.2003)**
- (30) 2003-354277 **14 Oct/oct 2003** JP **(14.10.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANTIALLERGIC COMPOSITION
• COMPOSITION ANTIALLERGIQUE
- (71) **KIRIN BEER KABUSHIKI KAISHA** [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 1048288 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **INOUE, Sayo** [JP/JP]; c/o Kirin Beer Kabushiki Kaisha, Central Laborator, ies For Key Technology, 13-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP). **FUJII, Toshio** [JP/JP]; c/o Kirin Beer Kabushiki Kaisha, Central Laborator, ies For Key Technology, 13-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP). **FUJIWARA, Daisuke** [JP/JP]; c/o Kirin Beer Kabushiki Kaisha, Central Laborator, ies For Key Technology, 13-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP). **SAIKI, Akira** [JP/JP]; c/o Kirin Beverage Kabushiki Kaisha, Research and Development Center, 1620, Kurami, Samukawa-cho, Koza-gun, Kanagawa 2530101 (JP). **TAKAHASHI, Minoru** [JP/JP]; c/o Kirin Beverage Kabushiki Kaisha, Research and Development Center, 1620, Kurami, Samukawa-cho, Koza-gun, Kanagawa 2530101 (JP). **YAMAUCHI, Koichiro** [JP/JP]; c/o Kirin Beverage Kabushiki Kaisha, Research and Development Center, 1620, Kurami, Samukawa-cho, Koza-gun, Kanagawa 2530101 (JP). **GOTO, Masami** [JP/JP]; c/o Koiwai Dairy Products Co., Ltd., 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1000005 (JP). **NISHIDA, Satoshi** [JP/JP]; c/o Koiwai Dairy Products Co., Ltd., 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1000005 (JP). **DEUCHI, Keiji** [JP/JP]; c/o Kirin Well-Foods Company, Limited, YK Building, 2-21, Etchujima 1-chome, Koto-ku, Tokyo 1350044 (JP). **WAKABAYASHI, Hideyuki** [JP/JP]; c/o Kirin Beer Kabushiki Kaisha, Central Laboratories for Key Technology, 13-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP). **YONEDA, Toshihiro** [JP/JP]; c/o Kirin Beer Kabushiki Kaisha, Central Laboratories for Key Technology, 13-5, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP).
- (74) **OZAWA, Seiji**; 3F, Wakabayashi Building, 8-5, Akasaka 2-chome, Minato-ku, Tokyo 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 35/74, 47/32, 47/34, 47/38, 47/48, A61P 19/02, 29/00, 37/02, 37/08, 35/00, 37/04, 43/00**
- (11) **WO 2004/096247** (13) A1
- (21) PCT/JP2004/005983
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) ja (26) ja
- (30) 2003-124344 **28 Apr/avr 2003** JP **(28.04.2003)**
- (30) 2003-276831 **18 Jul/juil 2003** JP **(18.07.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INSTRUMENT FOR INDUCING CYTOKINE AND METHOD OF INDUCING CYTOKINE
• INSTRUMENT D'INDUCTION DE CYTOKINE ET PROCÉDE D'INDUCTION CORRESPONDANT
- (71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5308565 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KITAHARA, Shinichiro** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). **SHINMURA, Kazuo** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). **ABE, Yoshiko** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). **KURIYAMA, Kiyoshi** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 6188589 (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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 35/78, 33/18, A61P 17/00, A61K 33/18**
- (11) **WO 2004/096248** (13) A2
- (21) PCT/BE2004/000059
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) fr (26) fr
- (30) 2003/0265 **28 Apr/avr 2003** BE **(28.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOSITION AND USE OF PURE IODINE DISSOLVED IN ESSENTIAL OIL OF MELALEUCA ALTERNIFOLIA AND/OR MELALEUCA QUINQUEN-
ERVIA
• COMPOSITION ET UTILISATION DE L'IODE PUR DISSOUT DANS L'HUILE ESSENTIELLE DE MALALEUCA ALTERNIFOLIA ET/OU DE MALALEUCA QUINQUINERVA
- (71) **M.K.M. S.C.R.L.** [BE/BE]; 180 Boulevard Prince de Liège, B-1070 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MBONIMPA, Denis** [BI/BE]; 28 rue Blanche, B-1060 Bruxelles (BE).
- (74) **COLENS, Alain**; c/o Office Hanssens SPRL, Square Marie Louise 40 bte 19, B-1000 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 37/02, 35/00, 9/10, 7/02, 11/00**
- (11) **WO 2004/096249** (13) A1
- (21) PCT/CN2004/000056
- (22) **16 Jan/jan 2004 (16.01.2004)**
- (25) zh (26) zh
- (30) 03123045.8 **29 Apr/avr 2003** CN **(29.04.2003)**
- (30) 03137351.8 **18 Jun/juin 2003** CN **(18.06.2003)**
- (30) 03156284.1 **2 Sep/sep 2003** CN **(02.09.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A COMPOSITION CONTAINING RADIX CODONOPSIS PILOSULAE AND RADIX ASTRAGALI AND HEDYSARI, METHOD OF PRODUCING IT AND USE THEREOF
• COMPOSITION CONTENANT <I>RADIX CODONOPSIS PILOSULAE</I> ET <I>RADIX</I> <I>ASTRAGALI</I> ET <I>HEDYSARI</I>, SA METHODE DE PRODUCTION ET D'UTILISATION
- (71) **LI MIN PHARMACEUTICAL FACTORY OF LIVZON PHARMACEUTICAL** [CN/CN]; Gong Ye Xi Road, Shaoguan, Guangdong 512028 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XIE, Weihong** [CN/CN]; Gong Ye Xi Road, Shaoguan, Guangdong 512028 (CN).

ZHI, Chunhan [CN/CN]; Gong Ye Xi Road, Shaoguan, Guangdong 512028 (CN).
TAO, Desheng [CN/CN]; Gong Ye Xi Road, Shaoguan, Guangdong 512028 (CN).

(74) JEEKAI & PARTNERS et al. / etc.; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Beijing 100031 (CN).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 5/48

(11) WO 2004/096250 (13) A1

(21) PCT/IN2004/000122

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 663/DEL/2003 2 May/mai 2003 IN (02.05.2003)

(30) Not furnished / 20 Apr/avr 2004 IN non communiqué (20.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BLOOD SUGAR REGULATING AGENT COMPRISING A NATURAL DRY PRODUCT DERIVED FROM SOYA BEAN SEEDS ALONE OR IN A MIXTURE AND PREPARATION THEREOF

• AGENT REGULATEUR DE GLYCEMIE COMPORTANT UN PRODUIT SEC NATUREL DERIVE DE GRAINES DE SOJA, SEUL OU A L'ETAT DE MELANGE, ET PREPARATION DUDIT AGENT

(71, 72) PATHAK, Manju [IN/IN]; B-506, PMO Housing Society, C-58/20, Sector-62, Noida 201 301 (IN).

(74) GOEL, Sangeeta; Sim & San, E-342/A, Greater Kailash - I (Ground Floor), 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 35/78

(11) WO 2004/096251 (13) A1

(21) PCT/US2003/009355

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HERBAL COMPOSITIONS AND METHODS FOR EFFECTING WEIGHT LOSS IN HUMANS

• COMPOSITIONS A BASE DE PLANTES MEDICINALES ET METHODES DESTINEES A PROVOQUER UNE PERTE PONDERALE CHEZ DES HUMAINS

(71) WESTLAKE PARTNERS [US/US]; 18101 Catherine Circle, Villa Park, CA 91861 (US).

(72) WEI, Kaiyuan (deceased / décédé).

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

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

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

(51)⁷ A61K 35/78, 35/84

(11) WO 2004/096252 (13) A1

(21) PCT/US2004/012811

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,238 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS AND METHODS FOR WEIGHT LOSS

• COMPOSITIONS ET PROCEDES POUR PERDRE DU POIDS

(71) PRIMAVERA BIOSCIENCES, INC. [US/US]; 6253 Martin Road, Columbia, MD 21044 (US).

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

(72, 75) TAKEDA, Yoshinori [JP/US]; 6253 Martin Road, Columbia, MD 21044 (US).

(74) WATSON, Kelli, N. et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 38/00, C12N 15/11

(11) WO 2004/096253 (13) A1

(21) PCT/IB2004/001782

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03291066.3 2 May/mai 2003 EP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF INHIBITORS AND ANTI-SENSE OLIGONUCLEOTIDES OF BTK FOR TREATING PROLIFERATIVE MASTOCYTOSIS

• UTILISATION D'INHIBITEURS ET D'OLIGONUCLEOTIDES ANTI-SENS DE LA BTK DANS LE TRAITEMENT DES MASTOCYTOSES PROLIFERATIVES

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel Ange, F-75016 Paris (FR). UNIVERSITE PARIS-SUD [FR/FR]; Bâtiment 300, 15, rue Georges Clémenceau, F-91400 Orsay (FR).

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

(72, 75) AUCLAIR, Christian [FR/FR]; 3, avenue Boudon, F-75016 Paris (FR). SUBRA, Frédéric [FR/FR]; 3 bis, rue d'Athènes, F-75009 Paris (FR).

(74) MARTIN, Jean-Jacques; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cédex 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 38/00

(11) WO 2004/096254 (13) A2

(21) PCT/IB2004/001954

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/429, 2 May/mai 2003 US (02.05.2003)

- (30) 10/429, **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,482 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,497 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,515 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,598 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,653 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,654 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,655 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,659 **2 May/mai 2003** US
(02.05.2003)
- (30) 10/429,662 **2 May/mai 2003** US
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TUMOR TREATMENT COMPOSITIONS AND METHODS
• COMPOSITIONS ET PROCÉDES POUR LE TRAITEMENT DES TUMEURS
- (71) XPRESSION ANTIBODY THERAPEUTICS, INC. [AU/AU]; 81 Queen Anne Road, Toronto, Ontario M8X 1T3 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANDHU, Jasbir [CA/CA]; 5407 Duchess Court, Burlington, Ontario L7L 6Z4 (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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ A61K 38/00
(11) WO 2004/096255 (13) A1
(21) PCT/US2003/031670
(22) 6 Oct/oct 2003 (06.10.2003)
(25) en (26) en
(30) 10/414,796 **16 Apr/avr 2003** US
(16.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • IMPROVED METHOD FOR STROMAL CORNEAL REPAIR AND REFRACTIVE ALTERATION
• PROCÉDE AMÉLIORE DE RÉPARATION D'UN STROMA CORNÉEN ET DE CORRECTION REFRACTIVE
- (71, 72) BANGO, Joseph, J. [US/US]; 40 Alston Avenue, New Haven, CT 06515 (US). FENN, John, B. [US/US]; 4909 Cary Street Road, Richmond, VA 23226 (US).
- (74) CHACLAS, George, N.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209-9169 (US).
- (81) AE AG AL 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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, 31/52
(11) WO 2004/096256 (13) A1
(21) PCT/US2003/009513
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHODS FOR PREVENTING AND TREATING LOSS OF BALANCE FUNCTION DUE TO OXIDATIVE STRESS
• MÉTHODES DE PRÉVENTION ET DE TRAITEMENT DE LA PERTE DE LA FONCTION D'EQUILIBRE DUE AU STRESS OXYDATIF
- (71) THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY [US/US]; c/o Thomas E. McDonnell, Office of Naval Research, 800 North Quincy Street, Arlington, VA 22217-5600 (US).
- (72) KOPKE, Richard, D.; 15872 Big Springs Way, San Diego, Ca 92127 (US).
- (74) KETNER, Philip, E. et al. / etc.; Office of counsel, Code OOL, Naval Medical Research center, 503 Robert Grant Avenue, Silver Spring, MD 20910-7500 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/096257 (13) A2
(21) PCT/US2004/011094
(22) 9 Apr/avr 2004 (09.04.2004)
(25) en (26) en
- (30) 10/423,595 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GENETIC MODIFICATION OF TARGETED REGIONS OF THE CARDIAC CONDUCTION SYSTEM
• MODIFICATION GÉNÉTIQUE DE RÉGIONS CIBLEES DU SYSTÈME DE CONDUCTION 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) OLSON, Walter, H. [US/US]; 16 Hay Camp Road, North Oaks, MN 55127 (US). SHARMA, Vinrod [US/US]; 11323 D Chisholm Circle Northeast, Blaine, MN 55449 (US).
- (74) WOLDE-MICHAEL, Girma et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 38/04, 7/00, 33/34, A61P 17/06
(11) WO 2004/096258 (13) A1
(21) PCT/US2004/012701
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 10/426,239 **28 Apr/avr 2003** US
(28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • COMPOSITIONS AND METHODS FOR TREATMENT OF PSORIASIS
• COMPOSITIONS ET MÉTHODES POUR LE TRAITEMENT DU PSORIASIS
- (71) PROCYTE CORPORATION [US/US]; 8511 - 154th Avenue Northeast, Redmond, WA 98052-3557 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PATT, Leonard, M. [US/US]; 12016 - 40th Avenue Northeast, Seattle, WA 98125 (US).
- (74) WAGNER, Emily, W. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

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

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

Published / Publiée : (c)

(51)⁷ A61K 38/09, 31/565, 9/16, A61P 13/08,
35/00

(11) WO 2004/096259 (13) A1

(21) PCT/IB2004/001334

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) PCT/IB03/01680 30 Apr/avr 2003 IB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND COMPOSITIONS US-
ING GONADOTROPIN HORMONE RE-
LEASING HORMONE

• METHODES ET COMPOSITIONS
METTANT EN OEUVRE LA GONA-
DOLIBERINE

(71) DEBIOPHARM S.A. [CH/CH]; 17, rue des
Terreaux, Case postale 211, CH-1000 Lau-
sanne 9 (CH).

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

(72, 75) PORCHET, Hervé [CH/CH]; Chemin
du Midi 6, CH-1053 Cugy (CH). HEIM-
GARTNER, Frédéric [CH/CH]; Avenue
de Byron 7A, CH-1844 Villeneuve (CH).
CURDY, Catherine [FR/CH]; Ch. des
Barrières 13, CH-1920 Martigny (CH).
DUCREY, Bertrand [CH/CH]; Rue de
Neuville 16, CH-1920 Martigny (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 A61K 38/10, 38/16, A61P 1/16

(11) WO 2004/096260 (13) A1

(21) PCT/JP2004/006365

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126088 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PREVENTIVES OR REMEDIES FOR
HEPATOPATHY

• PROPHYLACTIQUES OU REMEDES
POUR L'HEPATOPATHIE

(71, 72) KANGAWA, Kenji [JP/JP]; 28-4-201,
Onoharahigashi 6-chome, Minoo-shi, Osaka
562-0031 (JP).

(72, 75) HOSODA, Hiroshi [JP/JP]; 279-10,
Negiuchi, Matsudo-shi, Chiba 27-00011 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda
Build. 5F., 1-27, Dojima 2-chome, Kita-ku,
Osaka-shi, Osaka 530-0003 (JP).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 A61K 38/13, 9/00, 9/08, A61P 17/02

(11) WO 2004/096261 (13) A1

(21) PCT/MX2003/000040

(22) 2 May/mai 2003 (02.05.2003)

(25) es (26) es

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREPARING AN AQUE-
OUS SOLUTION OF CYCLOSPORIN-A
AND RESULTING AQUEOUS SOLU-
TION

• PROCEDE DE PREPARATION D'UNE
SOLUTION AQUEUSE DE CYCLO-
SPORINE-A ET SOLUTION AQUEUSE
AINSI OBTENUE

(71, 72) JIMENEZ BAYARDO, Arturo
[MX/MX]; Avenida Hidalgo No. 737 S.H.,
Colonia Centro, Guadalajara, Jalisco 44290
(MX).

(72) LOPEZ SANCHEZ, Isabel; Av. Hida-
lgo 737 S.H., Col. Centro, Guadalajara,
Jalisco 44290 (MX). SANCHEZ CASTEL-
LANOS, Victoria, E.; Av. Hidalgo 737 S.H.,
Col. Centro, Guadalajara, Jalisco 44290
(MX). BAYZA DURAN, Leopoldo, M.; Av.
Hidalgo 737 S.H., Col. Centro, Guadalajara,
Jalisco 44290 (MX). GONZALEZ, Jaime,
R.; Av. Hidalgo 737 S.H., Col. Centro,
Guadalajara, Jalisco 44290 (MX). QUIN-
TANA HAU, Juan de Dios; Av. Hidalgo

737 S.H., Col. Centro, Guadalajara, Jalisco
44290 (MX). TORNERO MONTAÑO,
José, Rubén; Av. Hidalgo 737 S.H., Col.
Centro, Guadalajara, Jalisco 44290 (MX).

(74) GARCÍA VILLA, Porfirio; A las Sierras
N° 121, Col. Prados Vallarta, C.P. 45020 Za-
popan, Jal. (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ 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 38/19, A61P 35/00, C07K 14/535

(11) WO 2004/096262 (13) A1

(21) PCT/ES2004/000183

(22) 27 Apr/avr 2004 (27.04.2004)

(25) es (26) es

(30) P200300975 29 Apr/avr 2003 ES
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREPARING A MEDICA-
MENT FOR ANTI-TUMOUR THERAPY
INVOLVING NEUTROPHILS (NEU-
TROPHIL THERAPY)

• PROCEDE DE PREPARATION D'UN
MEDICAMENT DESTINE A UN TRAI-
TEMENT ANTITUMORAL FAISANT
INTERVENIR DES NEUTROPHILES
(THERAPIE DE NEUTROPHILES)

(71, 72) BRU ESPINO, Antonio [ES/ES]; Cea
Bermúdez 66, E-28003 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)

(51)⁷ A61K 38/21, 47/00

(11) WO 2004/096263 (13) A2

(21) PCT/EP2004/004806

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03101210.7 1 May/mai 2003 EP
(01.05.2003)

(30) 60/530,169 17 Dec/déc 2003 US
(17.12.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HSA-FREE STABILIZED INTERFERON LIQUID FORMULATIONS
- FORMULATIONS LIQUIDES STABILISEES D'INTERFERON EXEMPTES D'ALBUMINE SERIQUE HUMAINE (HSA)
- (71) ARES TRADING S.A. [CH/CH]; Zone Industrielle de l'Ouriettaz, CH-1170 Aubonne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAMARITANI, Fabrizio [IT/IT]; Via Luigi Chiala, 130, I-00139 Roma (IT). DEL RIO, Alessandra [IT/IT]; Via Ildebrando Vivanti 108, I-00144 Roma (IT).
- (74) SERONO INTERNATIONAL S.A.; Intellectual Property, 12, chemin des Aulx, CH-1228 Plan-Les-Ouates (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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, C07K 14/555, C12P 21/02
- (11) WO 2004/096264 (13) A1
- (21) PCT/JP1997/003962
- (22) 30 Oct/oct 1997 (30.10.1997)
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR TREATING INFECTION WITH FELINE LEUKEMIA VIRUS
- PROCEDE DE TRAITEMENT D'UNE INFECTION PAR LE VIRUS DE LA LEUCOSE FELINE
- (71, 72) KAJIMOTO, Tsunesuke [JP/JP]; 3-12, Tshunishi 2-chome, Kamakura-shi, Kanagawa 248 (JP). SHIMODA, Tetsuya [JP/JP]; 509-1, Iwata, Sanyou-cho, Akaiwa-gun, Okayama 709-08 (JP).
- (74) KAGAWA, Mikio; c/o Toray Industries Inc., Intellectual Property Dept. (Toray Building), 8-1, Mihama 1-chome, Urayasu-shi, Chiba 279 (JP).
- (81) US.
- Published / Publiée : (e): 26Feb/fév 2002 (26.02.2002), 6350443
-
- (51)⁷ A61K 38/27, 33/04, 31/295, 31/395, 9/14, A61P 5/00
- (11) WO 2004/096265 (13) A1
- (21) PCT/CN2003/000698
- (22) 20 Aug/août 2003 (20.08.2003)
- (25) zh (26) zh
- (30) 03112375.9 30 Apr/avr 2003 CN (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NUTRIENT LIQUID CONTAINING HUMAN GROWTH HORMONE AND THE PREPARATION METHOD THEREOF
- NUTRIMENT LIQUIDE CONTENANT UNE HORMONE DE CROISSANCE HUMAINE ET PROCEDE DE PREPARATION CORRESPONDANT
- (71) YANTAI APOLLO BIOTECHNOLOGY, CO., LTD. [CN/CN]; Economic Development Zone, Longkou, Yantai, Shandong 265716 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72) HUO, Longjiang; Economic Development Zone, Longkou, Yantai, Shandong 265716 (CN). JU, Ping; Economic Development Zone, Longkou, Yantai, Shandong 265716 (CN). FENG, Ningbo; Economic Development Zone, Longkou, Yantai, Shandong 265716 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FAN, Shenggang [CN/CN]; Economic Development Zone, Longkou, Yantai, Shandong 265716 (CN).
- (74) QINGDAO LZ PATENT OFFICE LTD.; N° 1, Zhongshan Road, Qingdao, Shandong 266001 (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).
-
- (51)⁷ A61K 38/28, 47/02, A61P 3/10
- (11) WO 2004/096266 (13) A1
- (21) PCT/DK2004/000300
- (22) 3 May/mai 2004 (03.05.2004)
- (25) en (26) en
- (30) 60/467,803 2 May/mai 2003 US (02.05.2003)
- (30) PA 2003 00662 2 May/mai 2003 DK (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • IMPROVED PHYSICAL STABILITY OF INSULIN FORMULATIONS
- STABILITE PHYSIQUE AMELIOREE DE PREPARATIONS D'INSULINE
- (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) POULSEN, Christian [DK/DK]; Halvtolvt 17 st.th, DK-1436 Copenhagen K (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).
-
- (51)⁷ A61K 38/49, A61P 7/02
- (11) WO 2004/096267 (13) A1
- (21) PCT/EP2003/004729
- (22) 6 May/mai 2003 (06.05.2003)
- (25) de (26) de
- (30) PCT/EP03/04608 2 May/mai 2003 EP (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INTRAVENOUS INJECTION OF NON-NEUROTOXIC PLASMINOGEN ACTIVATORS FOR THE TREATMENT OF STROKE
- INJECTION INTRAVEINEUSE D'ACTIVATEURS DU PLASMINOGENE NON NEUROTOXIQUES POUR LE TRAITEMENT DE L'ACCIDENT VASCULAIRE CEREBRAL
- (71) PAION GMBH [DE/DE]; Martinstrasse 10 - 12, 52062 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SÖHNGEN, Mariola [DE/DE]; Von-Coels-Strasse 156, 52080 Aachen (DE). SÖHNGEN, Wolfgang [DE/DE]; Von-Coels-Strasse 156, 52080 Aachen (DE). SCHLEUNING, Wolf-Dieter [DE/DE]; Am Waldpark 28, 13467 Berlin (DE). MED-CALF, Robert [AU/AU]; 37 The Ridge, Blackburn, VIC 3130 (AU).
- (74) KÖNIG, Reimar et al. / etc.; Lohengrinstr. 11, 40549 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 38/49, A61P 7/02
- (11) WO 2004/096268 (13) A2
- (21) PCT/EP2004/004626
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) de (26) de
- (30) PCT/EP03/04608 2 May/mai 2003 EP (02.05.2003)
- (30) PCT/EP03/04729 6 May/mai 2003 EP (06.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • INTRAVENOUS INJECTION OF PLASMINOGEN NON-NEUROTOXIC ACTIVATORS FOR TREATING CEREBRAL STROKE

• INJECTION INTRAVEINEUSE D'ACTIVATEURS DE PLASMINOGENE NON NEUROTOXIQUES POUR LE TRAITEMENT DE L'ATTAQUE CEREBRALE

- (71) PAION GMBH [DE/DE]; Martinstrasse 10-12, 52062 Aachen (DE).

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

- (72, 75) SÖHNEN, Mariola [DE/DE]; Von-Coels-Strasse 156, 52080 Aachen (DE). SÖHNEN, Wolfgang [DE/DE]; Von-Coels-Strasse 156, 52080 Aachen (DE). SCHLEUNING, Wolf-Dieter [DE/DE]; Am Waldpark 28, 13467 Berlin (DE). MEDICALF, Robert [AU/AU]; 37 The Ridge, Blackburn, VIC 3130 (AU).

- (74) KÖNIG, Reimar et al. / etc.; Lohengrinstrasse 11, 40549 Düsseldorf (DE).

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

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

(51)⁷ A61K 39/02

(11) WO 2004/096269 (13) A2

(21) PCT/US2004/011959

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/423,380 25 Apr/avr 2003 US (25.04.2003)

(30) 10/424,050 25 Apr/avr 2003 US (25.04.2003)

(30) 10/423,778 25 Apr/avr 2003 US (25.04.2003)

(30) 10/424,009 25 Apr/avr 2003 US (25.04.2003)

(30) 10/423,384 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • USE OF A BOTULINUM NEUROTOXIN TO ALLEVIATE VARIOUS DISORDERS

• UTILISATION D'UNE NEUROTOXINE BOTULIQUE POUR SOULAGER DIVERS TROUBLES

- (71) ALLERGAN, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

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

- (72, 75) ACKERMAN, Alan, H. [US/US]; 1722 - 26th Avenue Court, Greeley, CO 80634 (US).

- (74) DONOVAN, Stephen et al. / etc.; c/o Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

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

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

(51)⁷ A61K 39/39, 35/74, A61P 37/04, 37/06

(11) WO 2004/096270 (13) A1

(21) PCT/IT2003/000267

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • IMMUNOMODULATING COMPOSITION COMPRISING A PARTICULATE FRACTION OF BACTERIAL MECHANICAL LYSATES

• COMPOSITION IMMUNOMODULATRICE CONTENANT UNE FRACTION DE PARTICULES DE LYSATS MECANIQUES BACTERIENS

- (71) MEDI SERVICE S.R.L. [IT/IT]; Via Matteotti, 43/B, I-20041 Agrate Brianza (IT).

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

- (72, 75) MELIOLI, Giovanni [IT/IT]; Via Brignole De Ferrari 11-14, I-16125 Genova (IT). FASANI, Roberto [IT/IT]; Via Quarenghi, 42/C, I-24122 Bergamo (IT).

- (74) GERMINARIO, Claudio et al. / etc.; c/o Società Italiana Brevetti S.p.A., Piazza di Pietra 39, I-00186 Roma (IT).

- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 A61K 39/395, C07K 16/30, 16/28

(11) WO 2004/096271 (13) A1

(21) PCT/CA2004/000637

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/466,608 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHODS FOR TREATING CANCER USING AN IMMUNOTOXIN

• PROCEDES DE TRAITEMENT DE CANCER METTANT EN OEUVRE UNE IMMUNOTOXINE

- (71, 72) ZANGEMEISTER-WITTKE, Uwe [DE/CH]; Hardstrasse 53, CH-8424 Embrach (CH). PAOLO, Claudio, Di [CH/CH]; Ankenweid 9, CH-8041 Zurich (CH). TSCHUDI, Dominique, Christine [CH/CH]; Bellerivestrasse 49, CH-8008 Zurich (CH). GLOVER, Nicholas, Ronald [CA/CA]; 2389 Deer Run Ave., Oakville, Ontario L6J 6K7 (CA). FITSIALOS, Dimitri, Peter [AU/CA]; 323 Keewatin Ave., Toronto, Ontario M4P 2A4 (CA).

- (74) BERESKIN & PARR; 40 King Street West, Suite 4000, Toronto, Ontario M5H 3Y2 (CA).

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

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 39/395

(11) WO 2004/096272 (13) A2

(21) PCT/EP2004/004473

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,050 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHODS AND COMPOSITIONS FOR MODULATING THE INTERACTION BETWEEN ADIPONECTIN AND ITS RECEPTOR

• PROCEDES ET COMPOSITIONS POUR LA MODULATION DE L'INTERACTION ENTRE L'ADIPONECTINE ET SON RECEPTEUR

- (71) CYTOS BIOTECHNOLOGY AG [CH/CH]; Wagistrasse 25, CH-8952 Schlieren (CH).

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

- (72, 75) SAUDAN, Philippe [CH/CH]; Dürrenrainstrasse 20, CH-8422 Pfungen (CH). BACHMANN, Martin [CH/CH]; Goldackerweg 8, CH-8472 Seuzach (CH).

- (74) STOLMÁR, Matthias et al. / etc.; Ritscher & Partner AG, Postfach 372, CH-8029 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 A61K 39/505, 39/395
(11) WO 2004/096273 (13) A1
(21) PCT/JP2004/006211
(22) 28 Apr/avr 2004 (28.04.2004)
(25) en (26) en
(30) 0309619.5 28 Apr/avr 2003 GB
(28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHODS FOR TREATING INTER-
LEUKIN-6 RELATED DISEASES
• METHODES DE TRAITEMENT DE MALADIES LIEES A
L'INTERLEUKINE 6
(71) CHUGAI SEIYAKU KABUSHIKI
KAISHA [JP/JP]; 5-1, Ukima 5-chome,
Kita-ku, Tokyo, 1158543 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) OKUDA, Osamu [JP/JP]; c/o CHUGAI
SEIYAKU KABUSHIKI KAISHA, 1-9,
Kyobashi 2-chome, Chuo-ku, Tokyo,
1048301 (JP). YOSHIDA, Noriaki [JP/JP];
c/o CHUGAI SEIYAKU KABUSHIKI
KAISHA, 1-9, Kyobashi 2-chome, Chuo-ku,
Tokyo, 1048301 (JP). MAINI, Ravinder,
Nath [GB/GB]; SW13 9EW, 151 Castelnau,
Barnes, London (GB).
(74) AOKI, Atsushi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomom 37
Mori Bldg., 5-1, Toranomom 3-chome, Mi-
nato-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).
-
- Published / Publiée : (c)
(51)⁷ A61K 45/00, 31/443, A61P 11/00 // C07D
405/06
(11) WO 2004/096274 (13) A1
(21) PCT/JP2004/004601
(22) 31 Mar/mar 2004 (31.03.2004)
(25) ja (26) ja
(30) 2003-094505 31 Mar/mar 2003 JP
(31.03.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
(54) • DRUG FOR AIRWAY ADMINISTRATION
• MEDICAMENT ADMINISTRE PAR
VOIE ORALE
(71) KYOWA HAKKO KOGYO CO., LTD.
[JP/JP]; 6-1, Ohtemachi 1-chome, Chiyo-
oda-ku, Tokyo 1008185 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) OHSHIMA, EtsuoMANABE,
HaruhikoMIE, MotoyaTA-
HARA, HarunobuYAMAGUCHI,
KazuoISHIKAWA, Yasuhiro
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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, 35/74, 47/32, 47/34, 47/38,
47/48, A61P 19/02, 29/00, 37/02, 37/08,
35/00, 37/04, 43/00
(11) WO 2004/096275 (13) A1
(21) PCT/JP2004/005986
(22) 26 Apr/avr 2004 (26.04.2004)
(25) ja (26) ja
(30) 2003-124340 28 Apr/avr 2003 JP
(28.04.2003)
(30) 2003-124345 28 Apr/avr 2003 JP
(28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • INSTRUMENT FOR INDUCING CY-
TOKINE AND METHOD OF INDUC-
ING CYTOKINE
• INSTRUMENT D'INDUCTION DE CY-
TOKINE ET PROCÉDE D'INDUCTION
CORRESPONDANT
(71) SEKISUI CHEMICAL CO., LTD. [JP/JP];
4-4, Nishitemma 2-chome, Kita-ku, Osaka-
shi, Osaka 5308565 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) SHINMURA, Kazuo [JP/JP]; c/o
SEKISUI CHEMICAL CO., LTD., 2-1,
Hyakuyama, Shimamoto-cho, Mishima-gun,
Osaka 6188589 (JP). KITAHARA,
Shinichiro [JP/JP]; c/o SEKISUI CHEM-
ICAL CO., LTD., 2-1, Hyakuyama, Shi-
mamoto-cho, Mishima-gun, Osaka 6188589
(JP). ABE, Yoshiko [JP/JP]; c/o SEKISUI
CHEMICAL CO., LTD., 2-1, Hyakuyama,
Shimamoto-cho, Mishima-gun, Osaka
6188589 (JP). KURIYAMA, Kiyoshi
[JP/JP]; c/o SEKISUI CHEMICAL CO.,
LTD., 2-1, Hyakuyama, Shimamoto-cho,
Mishima-gun, Osaka 6188589 (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 NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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, 31/22, 31/366, 31/40,
31/4418, 31/47, 31/505, 31/404, A61P 3/10,
43/00
(11) WO 2004/096276 (13) A1
(21) PCT/JP2004/006093
(22) 27 Apr/avr 2004 (27.04.2004)
(25) ja (26) ja
(30) 2003-123781 28 Apr/avr 2003 JP
(28.04.2003)
(30) 2004-012257 20 Jan/jan 2004 JP
(20.01.2004)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • SUGAR INTAKE-ABILITY EN-
HANCER
• COMPOSITION ACTIVANT
L'APTITUDE A CONSOMMER DU
SUCRE
(71) SANKYO COMPANY, LIMITED [JP/JP];
5-1, Nihonbashi Honcho 3-chome, Chuo-ku,
Tokyo 103-8426 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(71, 72) SHIMOMURA, Ichiro [JP/JP]; 33-11,
Higashitoyonakacho 1-chome, Toyonaka-shi,
Osaka 560-0003 (JP).
(72, 75) TAKAGI, Toshiyuki [JP/JP]; c/o
Sankyo Company, Limited, 2-58, Hiromachi
1-chome, Shinagawa-ku, Tokyo 140-8710
(JP).
(74) OHNO, Akio; c/o Sankyo Company, Lim-
ited, 2-58, Hiromachi 1-chome, Shina-
gawa-ku, Tokyo 140-8710 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61K 45/00
(11) WO 2004/096277 (13) A1
(21) PCT/JP2004/006098
(22) 27 Apr/avr 2004 (27.04.2004)

- (25) ja (26) ja
- (30) 2003-126791 **1 May/mai 2003** JP
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PREVENTIVE OR THERAPEUTIC AGENT FOR INTRAOCULAR VASCULARIZATION DISEASE
• AGENT PROPHYLACTIQUE OU THERAPEUTIQUE POUR AFFECTION PAR VASCULARISATION INTRAOCULAIRE
- (71) KISSEI PHARMACEUTICAL CO., LTD. [JP/JP]; 19-48, Yoshino, Matsumoto-shi, Nagano 399-8710 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIMURA, Nagahisa [JP/JP]; 14-1-303, Sanjobo-cho, Awataguchi, Higashiyama-ku, Kyoto-shi, Kyoto 605-0035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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, 31/22, 31/366, 31/40, 31/4418, 31/47, 31/505, 31/404, A61P 3/10, 3/04, 9/10, 9/12
- (11) WO 2004/096278 (13) A1
- (21) PCT/JP2004/006100
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) ja (26) ja
- (30) 2003/123768 **28 Apr/avr 2003** JP
(28.04.2003)
- (30) 2004/12265 **20 Jan/jan 2004** JP
(20.01.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ADIPONECTIN PRODUCTION ENHANCER
• ACTIVATEUR DE LA PRODUCTION D'ADIPONECTINE
- (71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) SHIMOMURA, Iichiro [JP/JP]; 33-11, Higashitoyonakacho 1-chome, Toyonaka-shi, Osaka 560-0003 (JP). MATSUZAWA, Yuji [JP/JP]; 21-23, Hibi-rigaokayamate 2-chome, Takarazuka-shi, Hyogo 665-0804 (JP). FU-NAHASHI, Tohru [JP/JP]; 7-9, Takanodai 2-chome, Suita-shi, Osaka 565-0861 (JP).
- (72, 75) TAKAGI, Toshiyuki [JP/JP]; c/o Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

- (74) ONO, Akio; c/o Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 47/02, 31/545, 47/18, 47/24, 9/14
- (11) WO 2004/096279 (13) A1
- (21) PCT/JP2004/005984
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) ja (26) ja
- (30) 2003-123329 **28 Apr/avr 2003** JP
(28.04.2003)
- (30) 2004-020742 **29 Jan/jan 2004** JP
(29.01.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOSITION FOR INJECTION
• COMPOSITION POUR INJECTION
- (71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOI, Yasuo [JP/JP]; 7-2, Matsugaoka 2-chome, Itami-shi, Hyogo 6640024 (JP). INOUE, Yuichiro [JP/JP]; 10-1-202, Katsurashimizu-cho, Nishikyoku, Kyoto-shi, Kyoto 6158013 (JP). TAKECHI, Nobuyuki [JP/JP]; 9-36, Sakuragaoka 4-chome, Minoh-shi, Osaka 5620046 (JP). SAKURAI, Yuusuke [JP/JP]; 1-23-701, Tamakushi 1-chome, Ibaraki-shi, Osaka 5670895 (JP).
- (74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 47/02, 47/04, 31/50
- (11) WO 2004/096280 (13) A1
- (21) PCT/JP2004/006141
- (22) 28 Apr/avr 2004 (28.04.2004)

- (25) ja (26) ja
- (30) 60/466,069 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOSITION CONTAINING MEDICINE EXTREMELY SLIGHTLY SOLUBLE IN WATER AND METHOD FOR PREPARATION THEREOF
• COMPOSITION CONTENANT UN MEDICAMENT EXTREMEMENT FAIBLEMENT SOLUBLE DANS L'EAU ET PROCEDE DE PREPARATION DE CETTE DERNIERE
- (71) KOWA CO. 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, 75) MIURA, Hiroshi [JP/JP]; 332-1-321, OHNOSHINDEN, FUJI-SHI, Shizuoka, 4170845 (JP). KANEBAKO, Makoto [JP/JP]; 595-7-505, SHIMOTOGARI, NAGAIZUMICHO, SUNTO-GUN, Shizuoka, 4110943 (JP). KANISHI, Masayuki [JP/JP]; 364, HIGASHISHIJI, NUMADU-SHI, Shizuoka, 4100302 (JP). SHINODA, Yasuo [JP/JP]; 74, BABANCHI, SHIZUOKA-SHI, Shizuoka, 4200867 (JP). INAGI, Toshio [JP/JP]; 6-10-203, NISHIWAKACHO, MISHIMA-SHI, Shizuoka, 4110038 (JP). TAKEUCHI, Hirofumi [JP/JP]; 7-91, AWANONISHI, GIFU-SHI, Gifu, 5020006 (JP).
- (74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo, 1030013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 47/04, 31/50
- (11) WO 2004/096281 (13) A1
- (21) PCT/JP2004/006139
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 60/466,051 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOSITION CONTAINING MEDICINE EXTREMELY SLIGHTLY SOLUBLE IN WATER BEING EXCELLENT IN ELUTING PROPERTY AND METHOD FOR PREPARATION THEREOF
• COMPOSITION CONTENANT UN MEDICAMENT EXTREMEMENT FAIBLEMENT SOLUBLE DANS L'EAU

PRESENTANT UNE EXCELLENTE
PROPRIETE D'ELUTION, PROCEDES
DE PREPARATION DE CETTE DER-
NIERE

(71) **KOWA CO. 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)*

(71) **KABUSHIKI KAISHA TOYOTA
CHUO KENKYUSHO** [JP/JP]; 41-1,
AZA YOKOMICHI, OAZA NAGAKUTE,
NAGAKUTE-CHO, AICHI-GUN, Aichi,
4801192 (JP).

(only for / seulement pour JP)

(72, 75) **MIURA, Hiroshi** [JP/JP]; 332-1-321,
OHNOSHINDEN, FUJI-SHI, Shizuoka,
4170845 (JP). **KANEBAKO, Makoto**
[JP/JP]; 595-7-505, SHIMOTOGARI, NA-
GAIZUMICHO, SUNTO-GUN, Shizuoka,
4110943 (JP). **KANISHI, Masayuki**
[JP/JP]; 364, HIGASHISHIJI, NU-
MADU-SHI, Shizuoka, 4100302 (JP).
INAGI, Toshio [JP/JP]; 6-10-203, NISHI-
WAKACHO, MISHIMA-SHI, Shizuoka,
4110038 (JP). **TAKEUCHI, Hirofumi**
[JP/JP]; 7-91, AWANONISHI, GIFU-SHI,
Gifu, 5020006 (JP). **KAJINO, Tsutomu**
[JP/JP]; C/O KABUSHIKI KAISHA TOY-
OTA CHUO KENKYUSHO, 41-1, AZA
YOKOMICHI, OAZA NAGAKUTE,
NAGAKUTE-CHO, AICHI-GUN, Aichi,
4801192 (JP). **FUKUSHIMA, Yoshi-
aki** [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 TOY-
OTA CHUO KENKYUSHO, 41-1, AZA
YOKOMICHI, OAZA NAGAKUTE,
NAGAKUTE-CHO, AICHI-GUN, Aichi,
4801192 (JP).

(74) **THE PATENT CORPORATE BODY
ARUGA PATENT OFFICE**; KYODO
BLDG., 3-6, NIHONBASHININGYOCHO
1-CHOME, CHUO-KU, Tokyo, 1030013
(JP).

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

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

(51)⁷ **A61K 47/34, 47/36, 9/06, 7/00, C08L 5/00,
71/00**

(11) **WO 2004/096282** (13) A1

(21) PCT/JP2004/006067

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) ja (26) ja

(30) 2003-127111 **2 May/mai 2003 JP
(02.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **HYDROPHILIC BLEND GEL**

• **GEL DE MELANGE HYDROPHILE**

(71, 72) **FUJIMORI, Junya** [JP/JP]; 2-9-8,
Chuo, Matsumoto-shi, Nagano 390-0811
(JP).

(74) **KIUCHI, Mitsuharu**; Toranomom-Yoshiara
Bldg., 5th Floor, 6-13, Nishi-Shinbashi
1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

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

(51)⁷ **A61K 47/36, 9/48, 47/10, 47/26, 7/00,
A23L 1/00**

(11) **WO 2004/096283** (13) A1

(21) PCT/JP2004/006295

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-126816 **2 May/mai 2003 JP
(02.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **SOFT CAPSULE FILM AND SOFT
CAPSULE**

• **FILM POUR CAPSULE MOLLE ET
CAPSULE MOLLE**

(71) **KABUSHIKI KAISHA HAYASHIBARA
SEIBUTSU KAGAKU KENKYUJO**
[JP/JP]; 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).

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

(72, 75) **KUMOOKA, Noriyoshi** [JP/JP]; c/o
Kabushiki Kaisha Hayashibara Shoji,
2-3, Shimoishii 1-chome, Okayama-shji,
Okayama 700-0907 (JP). **KATO, Koso**
[JP/JP]; c/o Kabushiki Kaisha Hayashibara
Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii
1-chome, Okayama-shi, Okayama 700-0907
(JP). **SOGAWA, Takanao** [JP/JP]; c/o
Kabushiki Kaisha Hayashibara Shoji, 2-3,
Shimoishii 1-chome, Okayama-shi, Okayama
700-0907 (JP).

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

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

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

Published / Publiée : (c)

(51)⁷ **A61K 47/48, 9/16, 9/14**

(11) **WO 2004/096284** (13) A1

(21) PCT/FR2004/000995

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) fr (26) fr

(30) 03/05140 **25 Apr/avr 2003 FR
(25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **METHOD FOR THE PREPARATION OF
MOLECULAR COMPLEXES**

• **PROCEDE DE PREPARATION DE
COMPLEXES MOLECULAIRES**

(71) **PIERRE FABRE MEDICAMENT**
[FR/FR]; 45, place Abel Gance, F-92100
Boulogne Billancourt (FR).

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

(72, 75) **LOCHARD, Hubert** [FR/FR]; 23,
rue Marcel Pagnol, F-81000 Albi (FR).
SAUCEAU, Martial [FR/FR]; 6, rue
Coquelicots, F-81160 Saint Jucy (FR).
FREISS, Bernard [FR/FR]; La Fosse,
F-81100 Castres (FR).

(74) **MARTIN, Jean-Jacques et al. / etc.**; Cabi-
net Regimbeau, 20, rue de Chazelles, F-75847
Paris Cedex 17 (FR).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61K 47/48**

(11) **WO 2004/096285** (13) A2

(21) PCT/US2004/012895

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 60/465,728 **25 Apr/avr 2003 US
(25.04.2003)**

(30) 60/465,601 **25 Apr/avr 2003 US
(25.04.2003)**

(30) 60/465,639 **25 Apr/avr 2003 US
(25.04.2003)**

(30) 60/465,593 **25 Apr/avr 2003 US
(25.04.2003)**

(30) 60/465,546 **25 Apr/avr 2003 US
(25.04.2003)**

(30) 60/465,472 **25 Apr/avr 2003 US
(25.04.2003)**

(30) 60/465,473	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,550	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,742	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/495,689	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,608	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,634	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/495,298	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,598	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,537	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/495,492	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,469	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,553	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/495,391	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,690	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,647	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/495,690	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,322	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,698	25 Apr/avr 2003 (25.04.2003)	US
(30) 60/495,487	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,610	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/490,799	29 Jul/juil 2003 (29.07.2003)	US
(30) 60/495,390	15 Aug/août 2003 (15.08.2003)	US	(30) 60/465,759	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,273	15 Aug/août 2003 (15.08.2003)	US
(30) 60/514,043	24 Oct/oct 2003 (24.10.2003)	US	(30) 60/465,667	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,539	15 Aug/août 2003 (15.08.2003)	US
(43) 11 Nov/nov 2004 (11.11.2004)			(30) 60/465,463	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,760	15 Aug/août 2003 (15.08.2003)	US
(54) • ANTI-INFECTIVE PHOSPHONATE ANALOGS			(30) 60/465,478	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,393	15 Aug/août 2003 (15.08.2003)	US
• ANALOGUES ANTI-INFECTIEUX DU PHOSPHONATE			(30) 60/465,559	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,430	15 Aug/août 2003 (15.08.2003)	US
(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>			(30) 60/465,408	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,277	15 Aug/août 2003 (15.08.2003)	US
(72, 75) BOOJAMRA, Constantine, G. [US/US]; 1068 Ashbury Street, San Francisco, CA 94117 (US). CHO, Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, CA 94040 (US). WATKINS, William, J. [GB/US]; 626 Oneida Drive, Sunnyvale, CA 94087 (US).			(30) 60/465,821	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,630	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,584	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,631	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,633	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,687	15 Aug/août 2003 (15.08.2003)	US
(74) BOSSE, Mark, L. et al. / etc.; Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, CA 94404 (US).			(30) 60/465,347	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,696	15 Aug/août 2003 (15.08.2003)	US
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.			(30) 60/465,696	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,600	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,289	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,490	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,844	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,345	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,687	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,671	15 Aug/août 2003 (15.08.2003)	US
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).			(30) 60/465,548	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,388	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,561	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,684	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,684	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,392	15 Aug/août 2003 (15.08.2003)	US
			(30) 60/465,587	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,387	15 Aug/août 2003 (15.08.2003)	US
(51) ⁷ A61K 47/48, C07F 9/02, 9/6561			(30) 60/465,377	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,344	15 Aug/août 2003 (15.08.2003)	US
(11) WO 2004/096286 (13) A2			(30) 60/465,630	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,964	15 Aug/août 2003 (15.08.2003)	US
(21) PCT/US2004/013063			(30) 60/465,720	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,616	15 Aug/août 2003 (15.08.2003)	US
(22) 26 Apr/avr 2004 (26.04.2004)			(30) 60/465,540	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,564	15 Aug/août 2003 (15.08.2003)	US
(25) en (26) en			(30) 60/465,554	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,425	15 Aug/août 2003 (15.08.2003)	US
(30) 60/465,544	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,649	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,602	15 Aug/août 2003 (15.08.2003)	US
(30) 60/465,602	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/465,600	25 Apr/avr 2003 (25.04.2003)	US	(30) 60/495,341	15 Aug/août 2003 (15.08.2003)	US

(30) 60/495,772	15 Aug/août 2003 (15.08.2003)	US	Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, CA 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, CA 94560 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, CA 94070 (US). JIN, Haolun [CA/US]; 600 Edgewater Blvd., Alpt. 102, Foster City, CA 94404 (US). HIRSCHMANN, Ralph, F. [US/US]; 231 South 34th Street, Philadelphia, PA 19104-6323 (US). HUANG, Alan, X. [CN/US]; 3061 La Selva, C-207, San Mateo, CA 94403 (US). KIM, Choung, U. [US/US]; 1750 Elizabeth Street, San Carlos, CA 94070 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, CA 94002 (US). LEE, Christopher, P. [US/US]; 1099 Noe Street, #3, San Francisco, CA 94114 (US). LEE, William, A. [US/US]; 749 Anderson Drive, Los Altos, CA 94024 (US). MACKMAN, Richard, L. [GB/US]; 360 Ashton Avenue, Millbrae, CA 94030 (US). MARKEVITCH, David, Y. [RU/US]; 15135 Woodward Road, San Jose, CA 95124 (US). OARE, David [US/US]; 1622 Ralston Avenue, Belmont, CA 94002 (US). PRASAD, Vidya, K. [SG/US]; 1433 Floribunda Avenue, #3, Burlingame, CA 94010 (US). PYUN, Hyung-Jung [KR/US]; 35444 Woodbridge Place, Fremont, CA 94536 (US). RAY, Adrian, S. [US/US]; 1927 Bridgepoint Circle, #J231, San Mateo, CA 94404 (US). SHERLOCK, Rosemarie [US/US]; 818 Clark Way, Palo Alto, CA 94304 (US). SWAMINATHAN, Sundaramoorthi [IN/US]; 2858 Hillside Drive, Burlingame, CA 94010 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, CA 94087 (US). ZHANG, Jennifer, R. [US/US]; 1046 Gull Avenue, Foster City, CA 94404 (US).	(30) 60/514,202	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,343	15 Aug/août 2003 (15.08.2003)	US		(30) 60/513,588	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,763	15 Aug/août 2003 (15.08.2003)	US		(30) 60/514,258	24 Oct/oct 2003 (24.10.2003)	US
(30) 60/495,485	15 Aug/août 2003 (15.08.2003)	US		(43) 11 Nov/nov 2004 (11.11.2004)		
(30) 60/495,278	15 Aug/août 2003 (15.08.2003)	US		(54) • INOSINE MONOPHOSPHATE DEHYDROGENASE INHIBITORY PHOSPHONATE COMPOUNDS		
(30) 60/495,317	15 Aug/août 2003 (15.08.2003)	US		• COMPOSES DE PHOSPHONATE INHIBITEURS DE L'INOSINE MONOPHOSPHATE DESHYDROGENASE		
(30) 60/495,592	15 Aug/août 2003 (15.08.2003)	US		(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>		
(30) 60/495,632	15 Aug/août 2003 (15.08.2003)	US		(71, 72) CANNIZZARO, Carina, E. [US/US]; 10 Scenic Way, #101, San Mateo, CA 94403 (US). CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, CA 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, CA 94403 (US). CHO, Aesop [US/US]; 1656 Notre Dame Drive, Mountain View, CA 94040 (US). CHONG, Lee, S. [US/US]; 37469 Marsten Drive, Newark, CA 94560 (US). FARDIS, Maria [US/US]; 105 Aberdeen Drive, San Carlos, CA 94070 (US). KIRSCHBERG, Thorsten, A. [DE/US]; 2431 Carlmont Drive, #11, Belmont, CA 94002 (US). PYUN, Hyung-Jung [KR/US]; 35444 Woodbridge Place, Fremont, CA 94536 (US). WATKINS, Will [GB/US]; 626 Oneida Drive, Sunnyvale, CA 94087 (US). ZHANG, Jennifer, R. [US/US]; 1046 Gull Avenue, Foster City, CA 94404 (US).		
(30) 60/495,805	15 Aug/août 2003 (15.08.2003)	US		(74) STEFFEY, Charles, E. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).		
(30) 60/495,275	15 Aug/août 2003 (15.08.2003)	US		(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.		
(30) 60/495,334	15 Aug/août 2003 (15.08.2003)	US		(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).		
(30) 60/495,349	15 Aug/août 2003 (15.08.2003)	US				
(30) 60/495,453	15 Aug/août 2003 (15.08.2003)	US				
(30) 60/495,633	15 Aug/août 2003 (15.08.2003)	US				
(30) 60/495,491	15 Aug/août 2003 (15.08.2003)	US				
(30) 60/495,342	15 Aug/août 2003 (15.08.2003)	US				
(30) 60/510,245	10 Oct/oct 2003 (10.10.2003)	US				
(30) 60/514,202	24 Oct/oct 2003 (24.10.2003)	US				
(30) 60/513,948	24 Oct/oct 2003 (24.10.2003)	US				
(30) 60/514,258	24 Oct/oct 2003 (24.10.2003)	US				
(30) 60/515,266	29 Oct/oct 2003 (29.10.2003)	US				
(30) 60/519,476	12 Nov/nov 2003 (12.11.2003)	US				
(30) 60/524,340	20 Nov/nov 2003 (20.11.2003)	US				
(30) 60/532,591	23 Dec/déc 2003 (23.12.2003)	US				
(43) 11 Nov/nov 2004 (11.11.2004)						
(54) • ANTIVIRAL PHOSPHONATE ANALOGS						
• ANALOGUES DE PHOSPHONATE ANTIVIRAUX						
(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>						
(71, 72) BOOJAMARA, Constantine, G. [US/US]; 1068 Ashbury Street, San Francisco, CA 94117 (US). CANNIZZARO, Carina, E. [US/US]; 10 Scenic Way, #101, San Mateo, CA 94403 (US). CHEN, James, M. [US/US]; 4015 Marblehead Drive, San Ramon, CA 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, CA 94403 (US). CHO,						
			(51) ⁷ A61K 47/48			
			(11) WO 2004/096287	(13) A2		
			(21) PCT/US2004/013064			
			(22) 26 Apr/avr 2004 (26.04.2004)			
			(25) en	(26) en		
		(30) 60/465,377	25 Apr/avr 2003 (25.04.2003)	US		
		(30) 60/465,844	25 Apr/avr 2003 (25.04.2003)	US		
		(30) 60/495,393	15 Aug/août 2003 (15.08.2003)	US		
		(30) 60/495,425	15 Aug/août 2003 (15.08.2003)	US		
		(30) 60/513,948	24 Oct/oct 2003 (24.10.2003)	US		
					(51) ⁷ A61K 48/00	
					(11) WO 2004/096288	(13) A2
					(21) PCT/CU2004/000007	
					(22) 26 Apr/avr 2004 (26.04.2004)	
					(25) es	(26) es
					(30) CU2003/0098	29 Apr/avr 2003 (29.04.2003) CU
					(43) 11 Nov/nov 2004 (11.11.2004)	
					(54) • METHOD OF OBTAINING DNA REPLICATION MINICIRCLES WHICH ARE INTENDED TO BE USED FOR GENE TRANSFER OR AS IMMUNOMODULATORS	

- METHODE D'OBTENTION DE MINICERCLES DE REPLICATION D'ADN DESTINES AU TRANSFERT GENIQUE OU UTILISES COMME IMMUNOMODULATEURS
- (71) CENTRO DE INGENIERÍA GENÉTICA Y BIOTECNOLOGÍA [CU/CU]; Avenida 31 entre 158 y 190., Cubanacán, Playa., Ciudad de La Habana 10 600 (CU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GALBÁN RODRÍGUEZ, Ernesto [CU/CU]; Avenida 3ra. #23604 Altos, entre 236, y 238, Jaimanitas, Playa., Ciudad de la Habana 12200 (CU). DUEÑAS PORTO, Marta, Gloria [CU/CU]; Calle 186 #3115 Apto. 2E entre 31 y 33, Cubanacán, Playa., Ciudad de la Habana 10600 (CU). MARTÍN DUNN, Alejandro, Miguel [CU/CU]; Calle 31 #18207 entre 182 y 184, Apto. 11, Cubanacán, Playa., Ciudad de la Habana 10600 (CU).
- (74) POVEDA MARCHECO, Argia; Avenida 31 entre 158 y 190, Cubanacán, Playa., Ciudad de la Habana 10600 (CU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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, 45/00, A61P 35/00, C07K 5/12, C12N 9/99, 15/64
- (11) WO 2004/096289 (13) A1
- (21) PCT/JP2004/005166
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) ja (26) ja
- (30) 2003-122968 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GENE INTRODUCTION EFFICIENCY ENHANCER
• ACTIVATEUR D'EFFICACITE D'INTRODUCTION DE GENES
- (71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5418514 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKADA, Takashi [JP/JP]; c/o Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical School, 3311-1, Yakushiji, Minamikawachimachi, Kawachi-gun, Tochigi 3290498 (JP). OZAWA, Keiya [JP/JP]; c/o Division of Hematology, Department of Medicine, Jichi Medical School, 3311-1, Yakushiji, Minamikawachimachi, Kawachi-gun, Tochigi 3290498 (JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410044 (JP).

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

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

(51)⁷ A61K 48/00, 38/17, A61P 9/00

(11) WO 2004/096290 (13) A1

(21) PCT/US2004/011232

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/424,080 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIOLOGICAL PACEMAKER

• REGULATEUR CARDIAQUE BIOLOGIQUE

(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) SHARMA, Vinrod [US/US]; 11323 D Chisholm Circle Northeast, Blaine, MN 55449 (US). OLSON, Walter, H. [US/US]; 16 Hay Camp Road, North Oaks, MN 55127 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

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 A61K 51/00, 47/48, 38/08, A61P 31/01, 35/00 // C07K 7/06

(11) WO 2004/096291 (13) A1

(21) PCT/FI2004/000265

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 20030664 2 May/mai 2003 FI (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IN VIVO IMAGING USING PEPTIDE DERIVATIVES

• IMAGERIE <I>IN VIVO</I> A L'AIDE DE DERIVES PEPTIDIQUES

(71) CTT CANCER TARGETING TECHNOLOGIES OY [FI/FI]; Viikinkaari 4 C, FI-00790 Helsinki (FI).

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

(72, 75) KAIREMO, Kalevi [FI/FI]; Huopalahdentie 4-6 A 5, FI-00330 Helsinki (FI). KAUKINEN, Sami [FI/FI]; Tilanhoitajankaaari 17 A 4, FI-00790 Helsinki (FI). VALTANEN, Heli [FI/FI]; Massbyntie 96/6, FI-01150 Söderkulla (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).

Published / Publiée : (c)

(51)⁷ A61K 51/00

(11) WO 2004/096292 (13) A2

(21) PCT/FR2004/001031

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05228 29 Apr/avr 2003 FR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF A TETRAPEPTIDE ACSDKP ANALOGUE RESISTANT TO THE ANGIOTENSIN I CONVERSION ENZYME, FOR MEASURING GLOMERULAR FILTRATION RATE IN A HUMAN OR AN ANIMAL AND KIT CONTAINING SAME

• UTILISATION D'UN ANALOGUE DU TETRAPEPTIDE ACSDKP RESISTANT A L'ENZYME DE CONVERSION DE L'ANGIOTENSINE I, POUR LA MESURE DU DEBIT DE FILTRATION

GLOMERULAIRE CHEZ L'HOMME
OU L'ANIMAL ET KIT LE CONTE-
NANT

(71) **ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS** [FR/FR]; 3, avenue Victoria, F-75004 Paris (FR). **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AZIZI, Michel** [FR/FR]; 2, place Alfred Sauvy, F-75015 Paris (FR). **EZAN, Eric** [FR/FR]; 16, rue Victor Hugo, F-92240 Malakoff (FR).

(74) **CABINET ORES**; 36, rue de St Pétersbourg, 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 51/00, A61M 36/00, A61P 35/00**

(11) **WO 2004/096293** (13) A2

(21) PCT/IL2004/000363

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,408 **30 Apr/avr 2003 US (30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **METHOD AND DEVICE FOR RADIO-THERAPY**
• **PROCEDE ET DISPOSITIF POUR RADIODIOTHERAPIE**

(71) **RAMOT AT TEL AVIV UNIVERSITY LTD.** [IL/IL]; 32 Haim Levanon Street, 69 975 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELSON, Itzhak** [IL/IL]; 16 Yelin Street, 62964 Tel Aviv (IL). **ARAZI, Lior** [IL/IL]; 201/1 Bney Efraim Street, IL-69984 Tel Aviv (IL).

(74) **G.E. EHRLICH (1995) LTD.**; 11 Menachem Begin Street, Ramat-Gan 52 521 (IL).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096294** (13) A2

(21) PCT/US2004/013137

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 60/465,976 **28 Apr/avr 2003 US (28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **VISUALIZATION STYLET FOR ENDO-TRACHEAL INTUBATION**

• **STYLET DE VISUALISATION POUR INTUBATION ENDOTRACHEALE**

(71) **NORTHWESTERN UNIVERSITY** [US/US]; 1880 Oak Avenue, Suite 100, Evanston, IL 60201 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **ZEBADIAH, KimmelGLASSENBER, Raymond**

(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 **A61L**

(11) **WO 2004/096295** (13) A2

(21) PCT/US2004/013739

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/466,005 **25 Apr/avr 2003 US (25.04.2003)**

(30) 60/540,421 **30 Jan/jan 2004 US (30.01.2004)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **SURGICAL ACCESS APPARATUS**
• **APPAREIL D'ACCES CHIRURGICAL**

(71) **TYCO HEALTHCARE GROUP LP** [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WENCHELL, Thomas** [US/US]; 73 Oak Terrace, Durham, CT 06422 (US). **GREENHALG, Skott** [US/US]; 7943 Pleasant Avenue, Wyndmoor, PA 19038 (US). **FARASCIONI, David** [US/US]; 30 Deepwood Drive, Bethel, CT 06801 (US).

(74) **PERRY, Kimberly**; U.S. Surgical, a division of Tyco Healthcare Group LP, 150 Glover Avenue, Norwalk, CT 06850 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/10, G01N 21/01, 21/51, 23/10, 23/12**

(11) **WO 2004/096296** (13) A1

(21) PCT/US2003/028338

(22) **9 Sep/sep 2003 (09.09.2003)**

(25) en (26) en

(30) 10/421,296 **23 Apr/avr 2003 US (23.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **ULTRAVIOLET-LIGHT VEHICLE AIR CLEANING SYSTEM**

• **SYSTEME D'EPURATION D'AIR PAR RAYONNEMENT ULTRAVIOLET POUR VEHICULE**

(71) **B/E AEROSPACE, INC.** [US/US]; 1400 Corporate Center Way, Wellington, FL 33414 (US).

(72) **KROSNEY, Mark, D.**; 520 Brickell Key Drive, N^o. 1215, Miami, FL 33131 (US). **BAUGHMAN, Joseph**; 606 Layne Drive, Summersville, WV 26651-1538 (US). **RAUCKHORST, Richard, L., III**; 414 McCue Road, Summersville, WV 26651 (US). **CASTO, Michael, G.**; HC79 Box 163A, Canvas, WV 26662 (US). **PAWELKO, Tolek**; 27 Glenda Drive, Deer Park, NY 11729 (US). **GLOISTEN, Jennifer, L.**; 6 Mt. Wilson Avenue, Farmingville, NY 11738 (US). **REISENAUER, William, E.**; 25 Chassyl Road, Commack, NY 11725 (US).

(74) **FREY, David, A. et al. / etc.**; Gardner Carton & Douglas LLP, 191 N. Wacker Drive, Suite 3700, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A61L 9/03, 9/12, A01M 1/20, A61L 9/14**

(11) **WO 2004/096297** (13) A1

(21) PCT/CH2004/000259

(22) **28 Apr/avr 2004 (28.04.2004)**

- (25) en (26) en
- (30) 0309779.7 **30 Apr/avr 2003** GB
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • VOLATILE LIQUID DISPENSING DEVICE
• DISPOSITIF DIFFUSEUR DE LIQUIDE VOLATIL
- (71) GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Colin [GB/GB]; 5 Clandon Avenue, Egham, Surrey TW20 8LP (GB). NAISH, Guy, Edward [GB/GB]; 28 Mullein Road, Bicester, Oxfordshire OX26 3WE (GB).
- (74) MCSTEAD, John, Anthony; Ueberlandstrasse 138, CH-8600 Duebendorf (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 A61L 9/04, 9/12, B65D 75/58
- (11) WO 2004/096298 (13) A1
- (21) PCT/US2003/012580
- (22) 23 Apr/avr 2003 (23.04.2003)
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CONTAINMENT DEVICE FOR VAPOR PHASE TRANSFER MATERIALS
• DISPOSITIF DE CONFINEMENT DE MATERIAUX DE TRANSFERT EN PHASE VAPEUR
- (71) AUTOPAX PACKAGING, INC. [US/US]; 810 Staurin Street, Suite 16, Jupiter, FL 33477 (US).
- (72) INGLIS, John, T.; 1000 U.S. Highway 1, Eleuthera 202, Jupiter, FL 33477 (US).
- (74) SLAVIN, Michael, A.; McHale & Slavin, P.A., 2855 PGA Boulevard, Palm Beach Gardens, FL 33410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ A61L 9/12, 9/03
- (11) WO 2004/096299 (13) A1
- (21) PCT/CH2004/000260
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 0309778.9 **30 Apr/avr 2003** GB
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DISPENSING DEVICE AND METHOD
• DISPOSITIF DIFFUSEUR ET PROCEDE
- (71) GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Colin [GB/GB]; 5 Clandon Avenue, Egham Surrey TW20 8LP (GB). GOHIL, Kishen [GB/GB]; 21 Consfield Av., New Malden Surrey KT3 6HB (GB).
- (74) MCSTEAD, John, Anthony; Ueberlandstrasse 138, CH-8600 Duebendorf (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 A61L 9/12
- (11) WO 2004/096300 (13) A1
- (21) PCT/GB2004/001754
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 0309624.5 **28 Apr/avr 2003** GB
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FRAGRANCE DISPERSERS
• DIFFUSEURS DE PARFUM
- (71) CARBONATE LIMITED [GB/GB]; 85 Richford Street, London W6 (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYES-PANKHURST, Richard, Paul [GB/GB]; 51 Crabtree Lane, London SW6 6LP (GB). LACY, Graham, Keith [GB/GB]; 19 Gosberton Road, Balham, London SW12 8LE (GB). WELLS, Simon, Paul [GB/GB]; 21 Mount Pleasant, Wokingham, Berkshire RG14 2YG (GB).
- (74) KNOTT, Stephen; Mathisen, Macara & Co., The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61L 15/00
- (11) WO 2004/096301 (13) A2
- (21) PCT/US2004/012435
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/464,980 **24 Apr/avr 2003** US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FLUID-ABSORBENT COMPOSITIONS AND ARTICLES, POROUS ARTICLES, AND METHODS FOR MAKING THE SAME
• COMPOSITIONS ET ARTICLES D'ABSORPTION DE FLUIDES, ARTICLES POREUX ET LEURS PROCEDES DE PRODUCTION
- (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) ALLGEUER, Thomas, T. [AT/CH]; Felsenrainstrasse 7A, CH-8832 Wollerau (CH). CHANG, Andy, C. [US/US]; 504 Highway 332 #912, Lake Jackson, TX 77566 (US). HERSCHE, Emil, E. [CH/CH]; Im Höfli 15, CH-8832 Wollerau (CH). KIM, Young-Sam [KR/US]; 1812 Oakfield Drive, Midland, MI 48640 (US).
- (74) FARRELL, Daniel, 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).
-
- (51)⁷ A61L 15/24, 15/22, 15/44
- (11) WO 2004/096302 (13) A1
- (21) PCT/GB2004/001774
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en

- (30) 0309645.0 **28 Apr/avr 2003** GB
(28.04.2003)
- (30) 60/526,973 **3 Dec/déc 2003** US
(03.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PAIN-SENSITIVE THERAPEUTIC
WOUND DRESSINGS
• PANSEMENTS THERAPEUTIQUES
SENSIBLES A LA DOULEUR
- (71) JOHNSON & JOHNSON MEDICAL
LIMITED [GB/GB]; Erskine House, 68-73
Queen Street, Edinburgh EH2 4NH (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) TROTTER, Patrick, John [GB/GB];
12 Mill Pond Grove, Leeds LS6 4RD (GB).
CULLEN, Breda, Mary [GB/GB]; 7 Con-
sort Street, Skipton, North Yorkshire BD23
1HR (GB).
- (74) JAMES, Anthony, Christopher, W., P. et al.
/ etc.; Carpmaels & Ransford, 43 Bloomsbury
Square, London WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61L 15/60
- (11) WO 2004/096303 (13) A2
- (21) PCT/US2004/011740
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/423,709 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ABSORBENT STRUCTURE WITH SU-
PERABSORBENT MATERIAL
• STRUCTURE ABSORBANTE COM-
PORTANT UNE MATIERE SUPERAB-
SORBANTE
- (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) QIN, Jian [US/US]; 3316 S. Scar-
let Oak Lane, Appleton, WI 54915 (US).
ROGERS, Sandra, Marie [US/US]; W2527
Pioneer Court, Appleton, WI 54915 (US).
NIEMEYER, Michael, J. [US/US]; 4125
North Wedgewood Drive, Appleton, WI
54915 (US). SCHUELER, Kenneth, R.
[US/US]; 830 E. Meadow Grove Blvd., Ap-
pleton, WI 54915 (US). HURLEY, Steven,
M. [US/US]; 1448 Seymour Court, Neenah,
WI 54956 (US). SAWYER, Lawrence, H.
[US/US]; 117 Ashbrooke Place, Neenah,
WI 54956 (US). LANGE, Nancy, B.

[US/GB]; 2 Canterbury Close, Great Sut-
ton Cheshire CH66 2GQ (GB). HSU,
Whei-Neen [US/US]; 4913 Jessup Grove
Road, Greensboro, NC 27410 (US). JOY,
Mark, C. [US/US]; 3005D Greystone Pointe,
Greensboro, NC 27410 (US). SMITH, Scott,
J. [US/US]; 4100 Duplin Court, Greensboro,
NC 27407 (US). FRANK, Markus [DE/DE];
Am Landgraben 6A, 76532 Baden-Baden
(DE).

(74) BRIDGE, Richard, L. et al. / etc.; Senniger,
Powers, Leavitt & Roedel, One Metropol-
itan Square, 16th Floor, St. Louis, MS 63102
(US).

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

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

(51)⁷ A61L 15/60

(11) WO 2004/096304 (13) A1

(21) PCT/US2004/012707

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,195 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPERABSORBENT POLYMER WITH
HIGH PERMEABILITY

• POLYMERE SUPERABSORBANT PRE-
SENTANT UNE PERMEABILITE ELE-
VEE

(71) STOCKHAUSEN, INC. [US/US]; 2401
Doyle Street, Greensboro, NC 27406 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SMITH, Scott, J. [US/US]; 4100 Du-
plin Court, Greensboro, NC 27407 (US).
JOY, Mark, C. [US/US]; 3005 D Grey-
stone Pointe, Greensboro, NC 27410 (US).
HSU, Whei-Neen [—/US]; 4913 Jessup
Grove Road, Greensboro, NC 27410 (US).
FRANK, Markus [DE/DE]; Am Landgraben
6A, 76532 Baden-Baden (DE).

(74) ANTOLIN, Stanislav et al. / etc.; Smith
Moore LLP, 300 North Greene Street, Suite
1400, Greensboro, NC 27401 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ A61L 17/00, A61B 17/06

(11) WO 2004/096305 (13) A1

(21) PCT/CN2004/000400

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/466,346 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CODED SURGICAL AIDS

• AIDES CHIRURGICALES CODEES

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

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

(72) KONG, Kamfu, James; 2A, Excelsior
Court, 83 Robinson Road, Mid-Levels, Hong
Kong (CN). WONG, Waikwok, Jimmy;
33A Block 15, South Horizons, Ap Lei Chau,
Hong Kong (CN). LUK, Dipkei, Keith; J13,
Scenic Villas, 20 Scenic Villa Drive, Pokful-
am, Hong Kong (CN).

(74) CHINA PATENT AGENT (H. K.) LTD.;
22/F, Great Eagle Centre, 23 Harbour Road,
Wanchai, Hong Kong (CN).

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

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

(51)⁷ A61L 27/00

(11) WO 2004/096306 (13) A1

(21) PCT/JP2004/005841

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-127616 **2 May/mai 2003** JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AGGREGATE MADE OF BIOMATE-
RIAL CEMENT COMPOSITE AND
CEMENT HARDENED MATERIAL

• AGREGATS FAITS D'UNE MATIERE
BIOLOGIQUE, COMPOSITE DE CI-
MENT ET MATERIAU DE CIMENT
DURCI

(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY [JP/JP]; 3-1, Ka-
sumigaseki 1-chome, Chiyoda-ku, Tokyo,
1008921 (JP).

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

(72, 75) **TERAOKA, Kay** [JP/JP]; c/o Chubu Center, National Institute of Advanced Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi, 4638560 (JP). **ISHIGURO, Naoki** [JP/JP]; c/o Department of Orthopaedic Surgery, Nagoya University Graduate School & Faculty of Medicine, 65, Tsurumai-cho, Showa-ku, Nagoya-shi, Aichi, 4668550 (JP). **MAT-SUYAMA, Yukihiko** [JP/JP]; c/o Department of Orthopaedic Surgery, Nagoya University Graduate School & Faculty of Medicine, 65, Tsurumai-cho, Showa-ku, Nagoya-shi, Aichi, 4668550 (JP).

(74) **SUDO, Masahiko**; Shinyo Bldg. 6F, 6-1, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo, 1030022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 **A61L 27/14, 27/16, 27/34, 27/50, C08L 27/18, A61F 2/06**

(11) **WO 2004/096307** (13) A1

(21) PCT/US2004/012404

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/422,118 **24 Apr/avr 2003 (24.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AV GRAFTS WITH RAPID POST-OPERATIVE SELF-SEALING CAPABILITIES

• GREFFONS AV A CAPACITES AUTO-OBTURANTES POST-OPERATOIRES RAPIDES

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311 (US).

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

(72) **HAIN, Matt**; 129 Algonquin Trail, Wayne, NJ 07470 (US). **KING, Tamarah**; 43 Skyland Avenue, Haskell, NJ 07420 (US).

(74) **SCOLA, Daniel, A., Jr.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, 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 VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

(51)⁷ **A61L 27/30, 27/06, A61F 2/12**

(11) **WO 2004/096308** (13) A1

(21) PCT/EP2004/004170

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) de (26) de

(30) 203 06 637.5 **28 Apr/avr 2003 (28.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOFT TISSUE IMPLANT, FOR EXAM-
PLE BREAST IMPLANT, CALF MUS-
CLE PROSTHESIS AND THE LIKE

• IMPLANT DE TISSU MOU, PAR
EXEMPLE IMPLANT MAMMAIRE,
PROTHESE DE MUSCLE DE MOLLET
OU ANALOGUE

(71) **GFE MEDIZINTECHNIK GMBH** [DE/DE]; Höfener Strasse 45, 90431 Nürnberg (DE).

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

(72, 75) **ZIMMERMANN, Hannörg** [DE/DE]; Pestalozziring 19, 90574 Rosstal (DE).

(74) **HÜBNER, Gerd** et al. / etc.; Königstrasse 2, 90402 Nürnberg (DE).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61L 27/50, 27/16**

(11) **WO 2004/096309** (13) A1

(21) PCT/CA2004/000670

(22) **3 May/mai 2004 (03.05.2004)**

(25) en (26) en

(30) 10/428,520 **2 May/mai 2003 (02.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERMALLY REVERSIBLE IMPLANT
• IMPLANT THERMIQUEMENT RE-
VERSIBLE

(63) US 10/428,520 (CIP)
2 May/mai 2003 (02.05.2003)

(71) **RIMON THERAPEUTICS LTD.** [CA/CA]; 59 Adelaide St. East, Toronto, Ontario M5C 1K6 (CA).

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

(72, 75) **CHENG, Yu-Ling** [US/CA]; 1379 Glenburnie Road, Mississauga, Ontario L5G 3C7 (CA). **MAY, Michael** [CA/CA]; 9 Terrance Drive, Brantford, Ontario N3R 3G2 (CA). **SEMPLE, John, L.** [CA/CA]; 63 Kingswood Road, Toronto, Ontario M4E 3N4 (CA). **LIN, Hai-Hui** [CA/US]; 4908 Sandalwood Court, Mason, OH 45040 (US).

(74) **SILVER, Gail, C.** et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).

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

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

Published / Publiée : (c)

(51)⁷ **A61L 31/10, 31/14**

(11) **WO 2004/096310** (13) A2

(21) PCT/US2004/012365

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,712 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOW FRICTION COATED MARKED WIRE GUIDE FOR OVER THE WIRE INSERTION OF A CATHETER

• FIL-GUIDE DOTE D'UN MARQUAGE ET D'UN REVETEMENT A FAIBLE COEFFICIENT DE FROTTEMENT POUR INTRODUCTION D'UN CATHETER SUR FIL-GUIDE

(71) **COOK, INC.** [US/US]; P.O. Box 489, Bloomington, IN 47402-489 (US).

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

(72) **OSBORNE, Thomas, A.**; 9480 South Pointe LaSalles Drive, Bloomington, IN 47401 (US). **HOFFA, Andrew, K.**; 4207 Morgan Circle, Ellettsville, IN 47429 (US).

(74) **ALMEDA, Lawrence, G.** 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 VN YU ZA ZM ZW.

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

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/10, A61F 2/06, C08L 27/18**
 (11) **WO 2004/096311** (13) A1
 (21) PCT/US2004/012570
 (22) **23 Apr/avr 2004 (23.04.2004)**
 (25) en (26) en
 (30) 10/421,812 **24 Apr/avr 2003** US
(24.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • EXPANDABLE MASK STENT COATING METHOD
 • PROCEDE DE REVETEMENT D'ENDOPROTHESE COMPRENANT UN ELEMENT DE MASQUAGE GONFLABLE
 (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, 75) **BOULAIS, Dennis, R.** [US/US]; 7 Shephard Hill Road, Danielson, CT 06239 (US).
 (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 2004/096313** (13) A2
 (21) PCT/IB2004/050493
 (22) **22 Apr/avr 2004 (22.04.2004)**
 (25) en (26) en
 (30) 60/466,893 **30 Apr/avr 2003** US
(30.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • SYRINGE ADAPTER
 • ADAPTATEUR POUR SERINGUE
 (71) **COEUR, INC** [US/US]; 209 Creekside Drive, Washington, NC 27889 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CUDE, J., Michael** [US/US]; P.O. Box 169, Woodburn, KY 42170 (US).
 (74) **CROOKS, W., Edward**; Hahn Loeser & Parks, LLP, 1225 West Market St, Akron, OH 44313 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096312** (13) A2
 (21) PCT/EP2004/003935
 (22) **15 Apr/avr 2004 (15.04.2004)**
 (25) de (26) de
 (30) 103 19 384.7 **30 Apr/avr 2003** DE
(30.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • RESPIRATORY DEVICE COMPRISING A DOUBLE LUMEN ENDOTRACHEAL TUBE
 • DISPOSITIF DE RESPIRATION ARTIFICIELLE COMPORTANT UN TUBE ENDOTRACHEAL A DEUX CANAUX
 (71) **UNIVERSITÄT HAMBURG** [DE/DE]; Edmund-Siemers-Allee 1, 20146 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **REISSMANN, Hajo** [DE/DE]; Keplerstrasse 11, 22765 Hamburg (DE).
-
- (74) **SIEMONS, Norbert** et al. / etc.; Neuer Wall 41, 20354 Hamburg (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (71) **AD-TECH MEDICAL INSTRUMENT CORPORATION** [US/US]; 1901 William Street, Racine, WI 53404 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PUTZ, David, A.** [US/US]; W305 N3021 Red Oak Court, Pewaukee, WI 53072 (US).
 (74) **DELANEY, James, P.** et al. / etc.; Jansson, Shupe & Munger, Ltd., 245 Main Street, Racine, WI 53403 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61M**
 (11) **WO 2004/096315** (13) A2
 (21) PCT/US2004/011256
 (22) **23 Apr/avr 2004 (23.04.2004)**
 (25) en (26) en
 (30) 60/465,081 **24 Apr/avr 2003** US
(24.04.2003)
 (30) 10/829,485 **22 Apr/avr 2004** US
(22.04.2004)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • MIXED-GAS INSUFFLATION SYSTEM
 • SYSTEME D'INSUFFLATION DE GAZ MELANGE
 (71) **NORTHGATE TECHNOLOGIES INC.** [US/US]; 600 Church Road, Elgin, IL 60123 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72) **MANTELL, Robert, R.**; 1128 East Valley Lane, Arlington Heights, IL 60004 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096316** (13) A2
 (21) PCT/US2004/012464
 (22) **22 Apr/avr 2004 (22.04.2004)**
 (25) en (26) en

(30) 60/465,604 **24 Apr/avr 2003** US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPLANTABLE MEDICATION DELIVERY DEVICE HAVING NEEDLE RECEIVING SLOT

• DISPOSITIF POUR ADMINISTRER UN MEDICAMENT IMPLANTABLE PRESENTANT UNE ENCOCHE DESTINEE A RECEVOIR UNE AIGUILLE

(71) MEDICAL RESEARCH PRODUCTS-A, INC. [US/US]; 12744 San Fernando Road, Building 3, Sylmar, CA 91324 (US).

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

(72, 75) HALILI, Edgardo, Castro [US/US]; 21736 Redwood Canyon Place, Santa Clarita, CA 31390 (US).

(74) FREILICH, Arthur; Freilich, Hornbaker & Rosen, 9045 Corbin Avenue, Suite 260, Northridge, CA 91324 (US).

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

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

(11) WO 2004/096317 (13) A2

(21) PCT/US2004/012809

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/423,016 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLUSH CATHETER WITH FLOW DIRECTING SHEATH

• CATHETER DE RINÇAGE AVEC GAINÉ DIRIGEANT L'ÉCOULEMENT

(71) LIGHTLAB IMAGING, INC. [US/US]; 133 Littleton Road, 3 rd Floor, Westford, MA 01886 (US).

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

(72, 75) ATLAS, Michael [US/US]; 21 Landsdowne Road, Arlington, MA 02474 (US).

(74) FLESHNER, Mark, L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20152-1200 (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).

(51)⁷ A61M

(11) WO 2004/096318 (13) A2

(21) PCT/US2004/013408

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/425,170 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLYMER COATED DEVICE FOR ELECTRICALLY MEDIATED DRUG DELIVERY

• DISPOSITIF REVÊTU DE POLYMERES POUR ADMINISTRATION DE MEDICAMENTS A MEDIATION ELECTRIQUE

(71) MEDLUMINAL SYSTEMS, INC. [US/US]; 2454 Embarcadero Way, Palo Alto, CA 94303 (US).

(72) SCOTT, Neal; 2454 Embarcadero Way, Palo Alto, CA 94303 (US). SEGAL, Jerome; 2454 Embarcadero Way, Palo Alto, CA 94303 (US). SHIH, Lin-Bin; 11042 Camino Vista Pacifica, San Diego, CA 92131 (US). BURKOTH, Terry, L.; 711 Torreya Court, Palo Alto, CA 94303 (US).

(74) KLICPERA, Michael; P.O. Box 573, La Jolla, CA 92038 (US).

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

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

(11) WO 2004/096319 (13) A1

(21) PCT/EP2004/004474

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) MI2003A000897 **30 Apr/avr 2003** IT
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR FRACTIONATING BLOOD

• PROCÉDE ET APPAREIL DE FRACTIONNEMENT SANGUIN

(71) CRB NEDERLAND B.V. [NL/NL]; Fredrik Roeskestraat 123, NL-1076 EE Amsterdam (NL).

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

(72, 75) STRISINO, Cesare [IT/IT]; Via delle Palme, 34, I-33054 Lignano Sabbiadoro (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).

Published / Publiée : (c)

(51)⁷ A61M 1/10

(11) WO 2004/096320 (13) A1

(21) PCT/JP2004/005888

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-124645 **30 Apr/avr 2003** JP
(30.04.2003)

(30) 2004-068451 **11 Mar/mar 2004** JP
(11.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARTIFICIAL CARDIAC PUMP

• POMPE CARDIAQUE ARTIFICIELLE

(71) MITSUBISHI HEAVY INDUSTRIES, LTD. [JP/JP]; 16-5, Konan 2-chome, Minato-ku, Tokyo 1088215 (JP).

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

(72, 75) OKUBO, Takeshi [JP/JP]; c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shin-hama 2-chome, Takasago-shi, Hyogo 6768686 (JP). OSADA, Toshiyuki [JP/JP]; c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shin-hama 2-chome, Takasago-shi, Hyogo 6768686 (JP). YAMAMOTO, Yasuharu [JP/JP]; c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shin-hama 2-chome, Takasago-shi, Hyogo 6768686 (JP). SANO, Takeshi [JP/JP]; c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shin-hama 2-chome, Takasago-shi, Hyogo 6768686 (JP). MIYAMOTO, Yusuke [JP/JP]; c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shin-hama 2-chome, Takasago-shi, Hyogo 6768686 (JP). MIYAGAWA, Kazuyoshi [JP/JP]; c/o Takasago Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shin-hama 2-chome, Takasago-shi, Hyogo 6768686 (JP).

(74) MITSUISHI, Toshiro et al. / etc.; Mitsuishi Law and Patent Office, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 1070052 (JP).

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

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

(51)⁷ A61M 1/14

(11) WO 2004/096321 (13) A1

(21) PCT/JP2004/005903

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-123371 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF CLEANING BLOOD FLOW PASSAGE IN DIALYZER
• PROCEDE DE NETTOYAGE D'UN CIRCUIT DU FLUX SANGUIN DANS UN DIALYSEUR

(71) TEIJIN PHARMA LIMITED; 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAGAWA, Makoto; c/o Teijin Pharma Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). DEGUCHI, Tsuneo [JP/JP]; c/o Teijin Pharma Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo, 1910065 (JP). OMURA, Keiko [JP/JP]; c/o Teijin Pharma Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo, 1910065 (JP).

(74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/096322 (13) A1

(21) PCT/JP2004/005939

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-124985 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BLOOD DIALYZER AND METHOD OF DETECTING LIQUID LEAKAGE

• DIALYSEUR DE SANG ET PROCEDE DE DETECTION DE FUITE DE LIQUIDE

(71) TEIJIN PHARMA LIMITED [JP/JP]; 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAGAWA, Makoto [JP/JP]; c/o Teijin Pharma Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). IINO, Shigetoki [JP/JP]; c/o Teijin Pharma Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo, 1910065 (JP).

(74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/145

(11) WO 2004/096323 (13) A1

(21) PCT/US2004/013173

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/425,576 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPPORT DEVICE IN A SYRINGE PUMP FOR SLIDABLY BEARING THE FREE END OF THE LEAD SCREW IN A TUBE

• DISPOSITIF SUPPORT CONTENU DANS UNE POMPE DE SERINGUE AFIN DE SUPPORTER COULISSANT L'EXTREMITÉ LIBRE DE LA VIS-MERE DANS UN TUBE

(71) ALARIS MEDICAL SYSTEMS, INC. [US/US]; 10221 Wateridge Circle, Building A, San Diego, CA 92121 (US).

(72) BOYNE-AITKEN, David, E.; Treectops, Southampton Road, Cadnam, Southampton SO40 2NG (GB).

(74) RUNK, Thomas, A. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 6060 Center Drive, 10th Floor, 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).

Published / Publiée : (c)

(51)⁷ A61M 5/31, B65D 41/17

(11) WO 2004/096324 (13) A1

(21) PCT/US2003/033484

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 29/180,313 22 Apr/avr 2003 US (22.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYRINGE TIP CAP

• COIFFE DE SERINGUE

(71) BECTON, DICKINSON AND COMPANY [US/US]; One Becton Drive, Franklin Lakes, NJ 07417 (US).

(72) HWANG, Charles, G.; 261 Briarcliff Road, Ridgewood, NJ 07450 (US). GROSKOPF, Roger; 5 Susan Lane, Saddle Brook, NJ 07663 (US).

(74) BUDZYN, Ludomir, A.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 A61M 5/32, 25/06

(11) WO 2004/096325 (13) A1

(21) PCT/DE2003/001368

(22) 29 Apr/avr 2003 (29.04.2003)

(25) de (26) de

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NEEDLE FOR A MEDICAL SYRINGE

• AIGUILLE POUR UNE SERINGUE MEDICALE

(71) GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN [DE/DE]; Wilhelmsplatz 1, 37073 Göttingen (DE).

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

(72, 75) HUSCHMAND NIA, Abdolhamid [DE/DE]; Nonnenstieg 3, 37075 Göttingen

(DE). WEGENER, Reinhold [DE/DE]; Wacholderweg 20, 37079 Göttingen (DE).

(74) GERSTEIN, Hans, Joachim; c/o Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ A61M 5/32, 5/34

(11) WO 2004/096326 (13) A1

(21) PCT/GB2004/001853

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310019.5 1 May/mai 2003 GB (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYRINGE SYSTEM

• SYSTEME DE SERINGUE

(71) NMT GROUP PLC [GB/GB]; New Medical House, Oakbank Park, Livingston, West Lothian EH53 0TH (GB).

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

(72, 75) DONNAN, Jeremy, Francis [GB/GB]; Bueteland Farmhouse, Cockburnhill Road, Balerno, Edinburgh EH14 7JJ (GB). TARGELL, John [GB/GB]; Craigie Byre, Craigie, Kilmarnock, Ayrshire KA1 5NH (GB).

(74) WARREN, Keith, Stanley et al. / etc.; Baron & Warren, 19 South End, Kensington, London W8 5BU (GB).

(81) AE AG 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 A61M 5/36, 5/168, G01N 1/00

(11) WO 2004/096327 (13) A1

(21) PCT/EP2004/003964

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 03252685.7 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPENSER

• DISTRIBUTEUR

(71) THE AUTOMATION PARTNERSHIP (CAMBRIDGE) LIMITED [GB/GB]; York Way, Royston, Hertfordshire SG8 5WY (GB).

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

(72, 75) BARGH, Adrian, Neil [GB/GB]; 84 South View Road, London N8 7LS (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LM (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 A61M 11/00

(11) WO 2004/096328 (13) A1

(21) PCT/JP1995/001383

(22) 12 Jul/juil 1995 (12.07.1995)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HANDY INHALER

• INHALATEUR PRATIQUE

(71, 72) YOKOI, Hiroyuki [JP/JP]; c/o A & D Company, Limited, Technical Center, 243, Asahi 1-chome, Kitamoto-shi, Saitama 364 (JP). SHIBASAKI, Masae [JP/JP]; c/o A & D Company, Limited, Technical Center, 243, Asahi 1-chome, Kitamoto-shi, Saitama 364 (JP).

(74) YAGI, Hidehito et al. / etc.; Aoba International Patent Office, Daisankarasawa Building 5F, 23-8, Uchikanda 3-chome, Chiyoda-ku, Tokyo 101 (JP).

(81) US.

Published / Publiée : (e): 12Jul/juil 1999 (12.07.1999), 5921232

(51)⁷ A61M 15/00

(11) WO 2004/096329 (13) A1

(21) PCT/EP2004/003937

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 18 797.9 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPENSER HAVING A PROTECTIVE CAP THAT COVERS THE DISPENSING OPENING

• DISTRIBUTEUR DOTE D'UN COUVERCLE PROTECTEUR FERMANT SON ORIFICE

(71, 72) VON SCHUCKMANN, Alfred [DE/DE]; Winnekendonker Strasse 52, 47627 Kvelaer (DE).

(74) RIEDER, Hans-Joachim 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 A61M 16/00, 16/04, 5/00, A61F 2/00, A61L 27/00, 29/16, 29/08, A61M 39/00, 5/14

(11) WO 2004/096330 (13) A2

(21) PCT/US2004/013196

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/425,030 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEDICAL DEVICE WITH ANTIMICROBIAL LAYER

• DISPOSITIF MEDICAL A COUCHE ANTIMICROBIENNE

(71) MALLINCKRODT INC [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, Saint Louis, MO 63134 (US).

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

(72, 75) MARTENS, Paul, W. [US/US]; 737 Crystal Lane, Pleasanton, CA 94566 (US). NIETO, Robert, L. [US/US]; 1860 Sterling Place, Livermore, CA 94550 (US). VIRAG, Robert [US/US]; 14337 Cypress Hill Drive, Chesterfield, MO 63017 (US).

(74) **REPPER, George, R. et al. / etc.;** 1425 K Street N.W., Suite 800, 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).

(51)⁷ A61M 16/04

(11) **WO 2004/096331** (13) A2

(21) PCT/GB2004/001707

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 0309389.5 **25 Apr/avr 2003 (25.04.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRACHEOSTOMY DEVICE
• DISPOSITIF DE TRACHEOTOMIE

(71) **SMITHS GROUP PLC** [GB/GB]; 765 Finchley Road, London NW11 8DS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOSTELOW, Thomas** [GB/GB]; 29 Den Lane, Springhead, Oldham OL4 4NN (GB).

(74) **FLINT, Jonathan, McNeill;** 765 Finchley Road, London NW11 8DS (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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 A61M 16/06

(11) **WO 2004/096332** (13) A1

(21) PCT/AU2004/000563

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 2003902098 **2 May/mai 2003 (02.05.2003)** AU

(30) 2004901648 **26 Mar/mar 2004 (26.03.2004)** AU

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A MASK SYSTEM
• SYSTEME DE MASQUE

(71) **RESMED LIMITED** [AU/AU]; 97 Waterloo Road, North Ryde, New South Wales 2113 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Michael, Andrew** [AU/AU]; 11 Kariwara Street, Dundas, New South Wales 2117 (AU). **AMARASINGHE, Amal, Shirley** [AU/AU]; 29 Grace Avenue, Beecroft, New South Wales 2119 (AU). **FU, Timothy, Tsun-Fai** [AU/AU]; 11 Bevan Place, Carlingford, New South Wales 2118 (AU). **LITHGOW, Perry, David** [AU/AU]; 9 Staff Avenue, Glenwood, New South Wales 2768 (AU). **SAADA, Jim** [AU/AU]; 3 Bushview Drive, Kellyville, New South Wales 2155 (AU). **SWEENEY, Fiachra, Marcus** [IE/AU]; Unit 6, 136 Hastings Parade, North Bondi, New South Wales 2026 (AU).

(74) **BORG, Keith, Joseph et al. / etc.;** Halford & Co., Level 7, 1 Market Street, Sydney, New South Wales 2000 (AU).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 16/12

(11) **WO 2004/096333** (13) A1

(21) PCT/US2004/012237

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 60/464,610 **22 Apr/avr 2003 (22.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MRI/NMR-COMPATIBLE, TIDAL VOLUME CONTROL AND MEASUREMENT SYSTEMS, METHODS, AND DEVICES FOR RESPIRATORY AND HYPERPOLARIZED GAS DELIVERY
• SYSTEME DE MESURE ET DE COMMANDE D'UN VOLUME TIDAL COMPATIBLE AVEC MRI/NMR, PROCÉDES

ET DISPOSITIFS D'ADMINISTRATION DE GAZ RESPIRATOIRE ET HYPERPOLARISE

(71) **MEDI-PHYSICS, INC.** [US/US]; 101 Carnegie Center, Princeton, New Jersey 08540 (US).

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

(72, 75) **BOLAM, Kenneth** [US/US]; 12308 Schoolhouse Street, Raleigh, North Carolina 27614 (US). **BORGEN, James** [US/US]; 103 Plumtree Way, Raleigh, North Carolina 27606 (US).

(74) **CHISHOLM, Robert, F. et al. / etc.;** Amer-sham Health, Inc., 101 Carnegie Center, Princeton, New Jersey 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).

Published / Publiée : (c)

(51)⁷ A61M 25/00

(11) **WO 2004/096334** (13) A1

(21) PCT/US2003/009687

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATHETER WITH OCCLUSION RESISTANT TIP
• CATHETER A EXTREMITE RESISTANT A L'OCCLUSION

(71) **SHERWOOD SERVICES AG** [CH/CH]; P.O. Box 1571, Bahnhofstrasse 29, CH-8201 Schaffhausen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOTITO, Mark** [US/US]; 125 Riverside Drive, Wrentham, MA 02093 (US). **TRUPIANO, Anthony** [US/US]; 5 Azel Road, Lakeville, MA 02347 (US). **SAN-SOUCY, Mike** [US/US]; 122 Taunton Street, Plainville, MA 02762 (US). **HAGGSTROM, Kurt** [US/US]; 71 Messenger Street, Apt. 936, Plainville, MA 02762 (US).

(74) **LEONARDO, Mark, S. et al. / etc.;** Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 A61M 25/00, 25/01

(11) WO 2004/096335 (13) A1

(21) PCT/US2004/012837

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,368 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DELIVERY CATHETER
• CATHETER D'APPORT

(71) COOK INCORPORATED [US/US]; 750 North Daniel's Way, P.O. Box 489, Bloomington, IN 47402-0489 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARKER, Fred, T. [US/US]; 8164 E. State Road 45, Unionville, IN 47468 (US).

(74) GODLEWSKI, Richar, J.; 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 A61M 25/01

(11) WO 2004/096336 (13) A1

(21) PCT/US2004/012931

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/426,134 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIDE ATTACHING GUIDEWIRE TORQUE DEVICE
• DISPOSITIF DE COUPLE DE FIL-GUIDE À FIXATION LATÉRALE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55411-1566, United States of America (US).

(72) WINDHEUSER, James, E.; 20 Hidden Brick Road, Hopkinton, MA 01748-2661 (US).

(74) TULLETT, Rodney, C.; Christensen O'Connor Johnson Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 25/02

(11) WO 2004/096337 (13) A1

(21) PCT/BE2003/000120

(22) 7 Jul/juil 2003 (07.07.2003)

(25) en (26) en

(30) PCT/BE03/00074 28 Apr/avr 2003 BE (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANCHORING SCREW DEVICE
• DISPOSITIF DE VIS D'ANCRAGE

(71, 72) DE WINTER, Erwin [BE/BE]; Drabstraat 109, 2640 Mortsels (BE).

(74) LUYIS, Marie-José et al. / etc.; Gevers & Vander Haeghen, Intellectual Property House, Brussels Airport Business Park, Holidaystraat 5, B-1831 Diegem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61M 25/06

(11) WO 2004/096338 (13) A1

(21) PCT/US2004/012795

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/466,384 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLEXIBLE INTRODUCER SHEATH WITH VARYING DUROMETER
• GAINÉ D'INTRODUCTEUR SOUPLE A DUROMETRE VARIABLE

(71) COOK INCORPORATED [US/US]; 750 Daniels Way, Bloomington, IN 47404 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CONNORS, John, G., III [US/US]; 6313 Beachway Drive, Falls Church, VA 22044 (US). DIXON, Christopher, G. [US/US]; 1025 Graywell Drive, Bloomington, IN 47401 (US). LEONARD, Ray, II

[US/US]; 3503 William Court, Bloomington, IN 47401 (US).

(74) STEWARD, Lawrence, A.; Brinks Hofer Gilson & Lione, Suite 1600, One Indiana Square, 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 A61M 25/10

(11) WO 2004/096339 (13) A1

(21) PCT/US2003/012905

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(30) 10/128,977 23 Apr/avr 2003 US (23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COAXIAL BALLOON CATHETER COMPRISING A BALLON ATTACHED TO THE OUTER TUBE
• CATHETER A BALLONNET COAXIAL COMPRENANT UN BALLONNET FIXE AU TUBE EXTERNE

(71) MEDTRONIC VASCULAR, INC. [US/US]; IP Legal Dept., 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(72) DIAZ, Juan-Carlos; 19304 West Lake Drive, Miami, FL 33015 (US).

(74) MARESH, Catherine, C. et al. / etc.; Medtronic AVE, Inc., IP Legal Dept., 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(81) JP.

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

(51)⁷ A61M 29/02

(11) WO 2004/096340 (13) A1

(21) PCT/JP2004/006057

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-125827 30 Apr/avr 2003 JP (30.04.2003)

(30) 2003-141381 20 May/mai 2003 JP (20.05.2003)

(30) 2003-291384 11 Aug/août 2003 JP (11.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENDABLE SOFT STENT WITH EXCELLENT FOLLOW-UP CAPABILITY TO BLOOD VESSEL
• STENT EXTENSIBLE LISSE DOTE D'UNE EXCELLENTE CAPACITE DE SUIVI VERS UN VAISSEAU SANGUIN

(71) **NIPRO CORPORATION** [JP/JP]; 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANO, Yoshihiko** [JP/JP]; c/o Nipro Corporation, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP).
TANAKA, Yuji [JP/JP]; c/o Nipro Corporation, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP).

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

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

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

(11) **WO 2004/096341** (13) A2

(21) PCT/US2004/012263

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 10/424,583 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VENTRICULAR RATE STABILIZATION WITH CARDIAC RESYNCHRONIZATION

• STABILISATION DU RYTHME VENTRICULAIRE PAR RESYNCHRONISATION 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) **VAN OORT, Geeske** [NL/NL]; Berweg 38, NL-6881 LT Velp (NL). **VAN HOVE, Jos, W.** [NL/NL]; Prins Bernhardlaan 52, NL-3116 Schiedam (NL).

(74) **MCDOWALL, Paul, H.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

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

Declaration / Déclaration :

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

(51)⁷ A61N

(11) **WO 2004/096342** (13) A2

(21) PCT/US2004/013049

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/426,645 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CARDIAC PACING THERAPY PARAMETER PROGRAMMING

• PROGRAMMATION DE PARAMETRES DE TRAITEMENT PAR STIMULATION CARDIAQUE

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

(72, 75) **BURNES, John, E.** [US/US]; 1442 159th Avenue Northwest, Andover, MN 55304 (US).

(74) **MCDOWALL, Paul, H.** 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).

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 A61N

(11) **WO 2004/096343** (13) A2

(21) PCT/US2004/013363

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/465,984 **28 Apr/avr 2003** US
(28.04.2003)

(30) 60/480,266 **20 Jun/juin 2003** US
(20.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT AND MAGNETIC EMITTING MASK

• MASQUE LUMINESCENT ET MAGNETIQUE

(71) **AZNA HEALTH AND WELLNESS, INC.** [US/US]; PO Box 1138, 33 Meadow Street, Sag Harbor, NY 11963 (US).

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

(72) **MOLINA, Sherry, L.**; 2799 Deerfield Road, Sag Harbor, NY 11963 (US).

(74) **MCWHA, Keith, J.**; 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 A61N

(11) **WO 2004/096344** (13) A2

(21) PCT/US2004/009842

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/424,584 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPLANTABLE LEAD-BASED SENSOR POWERED BY PIEZOELECTRIC TRANSFORMER

• CAPTEUR SUR FIL IMPLANTABLE ALIMENTÉ PAR UN TRANSFORMATEUR PIEZOELECTRIQUE

(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) **HOUBEN, Richard, P.M.** [BE/BE]; Henri Dunanstraat 112, B-3620 Lakanen (BE). **CHRISTOPHERSON, Mark, A.** [US/US]; 4100 Reiland lane, Shoreview,

MI 55126 (US). **DONDERS, Adrianus P.** [US/US]; 10589 Crane Street, Andover, MI 55304 (US). **LEINDERS, Robert** [NL/NL]; Maaslandstraat 9, NL-6141 BX Limbricht (NL). **DENO, Curtis, D.** [US/US]; 409 137th Lane Northwest, Andover, MI 55304 (US).

(74) **BELDEN, Elisabeth, L.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MI 55432 (US).

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

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

Declaration / Déclaration :

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

(51)⁷ A61N 1/00

(11) **WO 2004/096345** (13) A2

(21) PCT/US2004/011649

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/424,192 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **CARDIAC PACING FOR OPTIMAL INTRA-LEFT VENTRICULAR RESYNCHRONIZATION**
• **STIMULATEUR CARDIAQUE POUR LA RESYNCHRONISATION OPTIMALE A L'INTERIEUR DU VENTRICLE GAUCHE**

(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) **PRINZEN, Frits, W.** [NL/NL]; 22 Dianahof, NL-6215 RB Maastricht (NL). **VERBEEK, Marcel A. E.** [NL/NL]; Drieoortspuit 107, NL-6417 PP Maastricht (NL).

(74) **MCDOWALL, Paul, H.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

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

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

Declaration / Déclaration :

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

(51)⁷ A61N 1/00

(11) **WO 2004/096346** (13) A2

(21) PCT/US2004/012094

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 10/424,538 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **FORM ANALYSIS TO DETECT EVOKED RESPONSE**
• **ANALYSE FORMELLE PERMETTANT DE DETECTER UNE REPONSE EVOQUEE**

(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) **VAN OORT, Geeske** [NL/NL]; Berweg 38, NL-6881 LT Velp (NL). **OOSTERHOFF, Peter** [NL/NL]; Ruysdaelstraat 22, NL-7204 CD Zulphen (NL). **DE BRUYN, Henricus, W. M.** [NL/NL]; Neelandstuijstraat 39, NL-6822 DG Amhem (NL). **SCHOLTEN, Patrick** [NL/NL]; Braamkamp 400, NL-7206 HT Zulphen (NL).

(74) **SOLDNER, Michael, et al.** / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A61N 1/36, H04M 1/725

(11) **WO 2004/096347** (13) A1

(21) PCT/RU2004/000155

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) ru (26) ru

(30) 2003112038 **25 Apr/avr 2003 RU (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MOBILE TELEPHONE**

• **TELEPHONE MOBILE**

(71, 72) **LEBEDEV, Jury Alfredovich** [RU/RU]; Bolshoi Predtechensky per., 14-1-19, Moscow, 121242 (RU).

(72, 75) **NADTOCHIY, Alekandr Ivanovich** [RU/RU]; ul. Instrumentalnaya, 39B-7, Taganrog, 347900 (RU). **GRINBERG, Yakov Zalmanovich** [RU/RU]; ul. Shaumyana, 25-25, Taganrog, 347900 (RU).

(74) **SHIROKOVA, Tatyana Konstantinovna;** ul. Pervomaiskaya, 66-135, Moscow, 105554 (RU).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/36, H01H 1/00

(11) **WO 2004/096348** (13) A2

(21) PCT/US2004/010860

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 10/425,527 **29 Apr/avr 2003 US (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MICRO ELECTROMECHANICAL SWITCHES AND MEDICAL DEVICES INCORPORATING SAME**

• **COMMUTATEURS MICRO-ELECTRO-MECHANIQUES ET APPAREILS MEDICAUX COMPORTANT DE TELS COMMUTATEURS**

(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) **HEYENEN, Henri, G.** [AU/AU]; Norbertynestr 87, Geleen, Australian Capital Territory 6616UH (AU). **HOUBEN, Richard, P. M.** [BE/BE]; Henri Dunanstraat 112, B-3620 Lanaken (BE).

(74) **SOLDNER, Michael** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/36, 1/368, 1/365

(11) **WO 2004/096349** (13) A1

(21) PCT/US2004/002155

(22) 27 Jan/jan 2004 (27.01.2004)

(25) en (26) en

(30) 10/424,194 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPATUS FOR IDENTIFYING COMBINATIONS OF ELECTRODES FOR NEUROSTIMULATION THERAPY

• APPAREIL PERMETTANT D'IDENTIFIER DES COMBINAISONS D'ELECTRODES A DES FINS DE THERAPIE DE NEUROSTIMULATION

(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) **LEE, Michael, T.**; 4025 Thrushwood Lane, Minnetonka, MN 55435 (US). **GOETZ, Steven, M.**; 4650-58th Place North, Brooklyn Center, MN 55429 (US). **TORGERSON, Nathan, A.**; 13618 Bittersweet Street NW, Andover, MN 55304 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61N 1/362

(11) **WO 2004/096350** (13) A1

(21) PCT/US2004/011137

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/422,712 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PACEMAKER WITH IMPROVED CAPABILITY FOR DETECTING ONSET OF TACHYARRHYTHMIAS AND HEART FAILURE

• STIMULATEUR CARDIAQUE A FONCTION AMELIOREE PERMETTANT DE DETECTER L'APPARITION DE TACHYARYTHMIES ET D'UNE INSUFFISANCE CARDIAQUE

(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) **VAN DAM, Peter, M.** [NL/NL]; F.D. Rooseveltsingel 3, NL-6981 EE Doesburg (NL). **VAN OOSTEROM, Adriaan** [NL/NL]; Steegstraat 20, NL-5439NL Linden (NL).

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

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61N 1/362

(11) **WO 2004/096351** (13) A1

(21) PCT/US2004/011648

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/423,035 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUSTAINED PACING TO PREVENT ATRIAL FIBRILLATION

• PREVENTION DE LA FIBRILLATION AURICULAIRE PAR ENTRAÎNEMENT PROLONGÉ

(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) **VAN DALEN, Bert, T. F. C.** [NL/NL]; Mozartdreef 25, NL-3845 BH Harderwijk (NL).

(74) **SOLDNER, Michael** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

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

(51)⁷ A61N 1/362, 1/365

(11) **WO 2004/096352** (13) A1

(21) PCT/US2004/012083

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/426,979 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR DETERMINING MYOCARDIAL ELECTRICAL RESITUTION AND CONTROLLING EXTRA SYSTOLIC STIMULATION

• PROCEDE ET APPAREIL POUR LA DETERMINATION DE LA RESTITUTION ELECTRIQUE MYOCARDIAQUE ET LA REGULATION DE LA STIMULATION EXTRA-SYSTOLIQUE

(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) SPLETT, Vincent, E. [US/US]; 7905 Lower 139th Court West, Apple Valley, MN 55124 (US). BURNES, John, E. [US/US]; 1442 159th Avenue Northwest, Andover, MN 55304 (US).

(74) MCDOWALL, Paul, H. et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ A61N 1/365, 1/362, 1/368

(11) WO 2004/096353 (13) A1

(21) PCT/US2004/011469

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/424,580 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IDENTIFICATION OF PREMATURE ATRIAL CONTRACTIONS THAT TRIGGER ARRHYTHMIA

• IDENTIFICATION D'EXTRASYSTOLES AURICULAIRES QUI DECLENCHE L'ARYTHMIE

(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) VAN BOLHUIS, Harm, H. [NL/NL]; Dorpsstraat 1, NL-2361 AK Warmond (NL). WESTENDORP, Henk [NL/NL]; Braamkamp 385, NL-7206 HT Zutphen (NL). STEGINK, Willem [NL/NL]; Molendijk 8, NL-7245 NE Laren (NL).

(74) SOLDNER, Michael et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ A61N 1/365, 1/362

(11) WO 2004/096354 (13) A1

(21) PCT/US2004/011924

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/426,613 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR DETECTING MYOCARDIAL ELECTRICAL RECOVERY AND CONTROLLING EXTRA-SYSTOLIC STIMULATION

• PROCEDE ET APPAREIL POUR LA DETECTION DE LA RECUPERATION ELECTRIQUE MYOCARDIQUE ET LE CONTROLE DE LA STIMULATION EXTRA-SYSTOLIQUE

(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) BURNES, John, E. [US/US]; 1442 159th Avenue Northwest, Andover, Minnesota 55304 (US). SHETH, Nirav, V. [US/US]; 3347 132nd Circle Northwest, Coon Rapids, Minnesota 55448 (US). ZILLMER, Glenn, C. [US/US]; 1221 Namekagon Loop, Hudson, Wisconsin 54016 (US). SPLETT, Vincent, E. [US/US]; 7905 Lower 139th Court West, Apple Valley, Minnesota 55124 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ A61N 1/37, 1/365, 1/368

(11) WO 2004/096355 (13) A2

(21) PCT/US2004/011723

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/424,582 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BI-VENTRICULAR AND SINGLE-VENTRICLE PACING

• STIMULATION CARDIAQUE BIVENTRICULAIRE ET MONOVENTRICULAIRE

(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) **KEIZER, Diederick, M.** [NL/NL]; Zulpichhof 29, NL-6662 CC Elst (NL). **ROUW, Mattias** [NL/NL]; Graslaan 30, NL-6833 CJ Amhem (NL). **OOSTERHOFF, Peter** [NL/NL]; Ruysdaelstraat 22, NL-7204 CD Zulphen (NL).

(74) **WOLDE-MICHAEL, Girma et al.** / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

Declaration / Déclaration :

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

(51)⁷ **A61N 1/37**

(11) **WO 2004/096356** (13) A1

(21) PCT/US2004/011726

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/424,585 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DYNAMIC PACING INTERVAL EXTENSION FOR DETECTION OF INTRINSIC VENTRICULAR ACTIVITY

• ALLONGEMENT DYNAMIQUE D'UN INTERVALLE D'ENTRAÎNEMENT PERMETTANT DE DETECTER UNE ACTIVITE VENTRICULAIRE INTRINSEQUE

(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) **OOSTERHOFF, Peter** [NL/NL]; Ruysdaelstraat 22, NL-7204 CD Zulphen (NL). **DE BRUYN, Henricus, W., M.** [NL/NL]; Neerlandstruistraat 39, NL-6822 DG Amhem (NL).

(74) **SOLDNER, Michael et al.** / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ **A61N 1/37**

(11) **WO 2004/096357** (13) A2

(21) PCT/US2004/011731

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/424,928 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REMOVING POLARIZATION ARTIFACTS FROM ELECTRICAL ACTIVITY SIGNALS TO DETECT CARDIAC EVOKED RESPONSE

• TECHNIQUES D'ELIMINATION D'ARTIFACTS DE POLARISATION CONTENUS DANS DES SIGNAUX D'ACTIVITE ELECTRIQUE DESTINEES A DETECTER UN POTENTIEL EVOQUE CARDIAQUE

(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) **KERVER, Harry, B. A.** [NL/NL]; Opaal 28, NL-6922 NZ Duiven (NL). **OOSTERHOFF, Peter** [NL/NL]; Ruysdaelstraat 22, NL-7204 CD Zutphen (NL).

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

Declaration / Déclaration :

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

(51)⁷ **A61N 1/372**

(11) **WO 2004/096358** (13) A2

(21) PCT/US2004/012838

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 10/424,194 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GENERATION OF THERAPY PROGRAMS AND PROGRAM GROUPS

• GENERATION DE PROGRAMMES DE THERAPIE ET DE GROUPES DE THERAPIE

(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) **LEE, Michael, T.**; 4025 Thrushwood Lane, Minnetonka, MN 55435 (US). **GOETZ, Steven, M.**; 4650-58th Place North, Brooklyn Center, MN 55429 (US). **TORGERSO, Nathan, A.**; 13618 Bittersweet Street NW, Andover, MN 55304 (US).

(74) **KELLY, Jason, D. et al.** / etc.; 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).

(51)⁷ A61N 1/378, H01L 41/107, 41/04, H02M 5/00

(11) WO 2004/096359 (13) A1

(21) PCT/US2004/011688

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/424,581 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPLANTABLE MEDICAL DEVICE WITH PIEZOELECTRIC TRANSFORMER

• DISPOSITIF MEDICAL IMPLANTABLE AVEC TRANSFORMATEUR PIEZO-ELECTRIQUE

(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) HOUBEN, Richard, P.M. [BE/BE]; Henri Dunanstraat 112, B-3620 Lanaken (BE). CHRISTOPHERSON, Mark, A. [US/US]; 4100 Reiland Lane, Shoreview, Minnesota 55126 (US). DONNERS, Adrianus, P. [US/US]; 10589 Crane Street, Andover, Minnesota 55304 (US). LEINDERS, Robert [NL/NL]; Maaslandstraat 9, NL-6141 Limbricht (NL). DENO, Curtis, D. [US/US]; 4091 137th Lane Northwest, Andover, Minnesota 55304 (US).

(74) CHAPIK, Daniel, G. 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/378, 1/362, H02J 7/00, A61N 1/40

(11) WO 2004/096360 (13) A1

(21) PCT/US2004/012202

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/423,805 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR MAINTAINING A DEFIBRILLATOR BATTERY CHARGE AND OPTIONALLY COMMUNICATING

• APPAREIL PERMETTANT DE MAINTENIR LA CHARGE D'UNE BATTERIE DE DEFIBRILLATEUR ET EVENTUELLEMENT DE COMMUNIQUER

(71) MEDTRONIC PHYSIO CONTROL CORPORATION [US/US]; 11811 Willows Road NE, P.O. Box 97006, Redmond, WA 98073-9706 (US).

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

(72, 75) TAMURA, Paul, S. [US/US]; 5048 21st Avenue Northeast, Seattle, WA 98105 (US). YERKOVICH, Daniel [US/US]; 13015 Sixth Avenue Northwest, Seattle, WA 98177 (US). KELLY, Patrick, F. [US/US]; 831 Main Street, Edmonds, WA 98020 (US). NOVA, Richard [US/US]; 1205 Kirkland Avenue, Kirkland, WA 98033 (US). WILLIAMSON, Joseph, Bradley [US/US]; 7233 West Mercer Way, Mercer Island, WA 98040 (US). JOHNSON, Stephen, B. [GB/US]; 6534 Cultus Bay Road, Clinton, WA 98236 (US). DEBARDI, Gary [US/US]; 11133 Northeast 109th Lane, #M207, Kirkland, WA 98033 (US).

(74) PAIGE, James, J. et al. / etc.; Fredrikson & Byron, P.A., 4000 Pillsbury Center, 200 South Sixth Street, Minneapolis, MN 55402-1425 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61N 1/38, 1/37, 1/39

(11) WO 2004/096361 (13) A1

(21) PCT/US2004/011724

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/423,073 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SELF-ADAPTING DEFIBRILLATOR INDUCTION FEATURE

• ELEMENT D'INDUCTION DE DEFIBRILLATEUR AUTO-ADAPTATIF

(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) HESS, Michael, F. [US/US]; 3836 Pillsbury Avenue South, Minneapolis, MN 55409 (US).

(74) SOLDNER, Michael, et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

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

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

(51)⁷ A61N 1/39, G06K 19/077, 19/07, G09F 3/00, B65C 3/02, A61N 1/08

(11) WO 2004/096362 (13) A1

(21) PCT/US2004/012296

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/423,685 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEFIBRILLATOR ELECTRODES WITH IDENTIFICATION TAGS

• ELECTRODES DE DEFIBRILLATEUR MUNIES D'ETIQUETTES D'IDENTIFICATION

(71) MEDTRONIC PHYSIO-CONTROL CORP. [US/US]; 11811 Willows Road Northeast, P.O. Box 97006, Redmond, WA 98073-9706 (US).

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

(72, 75) COVEY, Kevin, K. [US/US]; 5732 130th Place Northeast, Marysville, WA 98271 (US). NYGAARD, Larry, R. [US/US]; 15816 238th Street Southeast, Snohomish, WA 98296 (US).

(74) PARZYCH, John, S. et al. / etc.; Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, MN 55402-1425 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61N 5/00

(11) WO 2004/096363 (13) A1

(21) PCT/IB2004/050510

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101162.0 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COLLAPSIBLE IRRADIATION DEVICE

• DISPOSITIF D'IRRADIATION TELESCOPIQUE

(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) MEWISSEN, Jan, A., C. [BE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TAEKEMA, Harko, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE JONG, Olaf, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HILLE, Rogier [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOUTEN, Marcus, 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).

(51)⁷ A61N 5/06

(11) WO 2004/096364 (13) A1

(21) PCT/AU2004/000559

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003203967 1 May/mai 2003 AU (01.05.2003)

(30) 2003905846 24 Oct/oct 2003 AU (24.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR ADMINISTERING LIGHT STIMULATION

• APPAREIL POUR ADMINISTRER UNE STIMULATION LUMINEUSE

(71) FLINDERS TECHNOLOGIES PTY LTD [AU/AU]; Mark Oliphant Building, Laffer Drive, Science Park, Adelaide, Bedford Park, South Australia 5042 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LACK, Leon [AU/AU]; 44 Wilpena Street, Eden Hills, South Australia 5050 (AU). WRIGHT, Helen [AU/AU]; 23 Ridgeland Drive, Teringie, South Australia 5072 (AU).

(74) PHILLIPS ORMONDE & FITZPATRICK; 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 A61N 5/06

(11) WO 2004/096365 (13) A2

(21) PCT/DE2004/000608

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 19 008.2 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INFRARED RADIATOR AND IRRADIATION DEVICE

• ÉMETTEUR INFRAROUGE ET DISPOSITIF D'IRRADIATION

(71) PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH [DE/DE]; Hellabrunner Strasse 1, 81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Hans-Joachim [DE/DE]; Wolfgang-Höfer-Strasse 9, 85049 Ingolstadt (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 A61P 9/00, A61K 31/5386, 31/547, C07D 513/08, 498/08

(11) WO 2004/096366 (13) A1

(21) PCT/EP2004/004371

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP03/04492 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • 9-AZABICYCLO³.3.1!NON-6-EE DERIVATIVES WITH A HETEROATOM AT THE 3-POSITION AS RENIN INHIBITORS

• DERIVES DE 9-AZABICYCLO³.3.1!NON-6-EE A HETEROATOME EN POSITION 3 SERVANT D'INHIBITEURS DE LA RENINE

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbstrasse 16, CH-4123 Allschwil (CH).

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

(72, 75) BEZENCON, Oliver [CH/CH]; Dürrenmattweg 53, CH-4123 Allschwil (CH). BUR, Daniel [CH/CH]; Im Rosengarten 24, CH-4106 Therwil (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). REMEN, Lubos [CH/CH]; Kurzelängeweg 28, CH-4123 Allschwil (CH). RICHARD-BILDSTEIN, Sylvia [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). WELLER, Thomas [CH/CH]; Hoelzistrasse 32b, CH-4102 Binningen (CH). SIFFERLEN, Thierry [FR/FR]; 6, rue de Thann, F-68116 Guewenheim (FR).

(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

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

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

Published / Publiée : (c)

(51)⁷ A61P 17/02, A61L 15/24, 15/44, A61K 9/18, 31/07, 31/122, 31/195

(11) WO 2004/096367 (13) A1

(21) PCT/CZ2004/000022

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) PV 2003-1187 28 Apr/avr 2003 CZ (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A WOUND-COVER MATERIAL CONTAINING RADICAL SCAVENGERS

• MATERIAU POUR PANSEMENTS CONTENANT DES PIEGEURS DE RADICAUX

- (71) USTAV MAKROMOLEKULARNI CHEMIE AKADEMIE VED CESKE REPUBLIKY [CZ/CZ]; Heyrovského nam. 2, 162 06 Praha 6 (CZ). WILENS, SPOL.S.R.O. [CZ/CZ]; Tyrsova 45, 339 01 Klatovy (CZ).

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

- (72, 75) MICHALEK, Jiri [CZ/CZ]; 5.kvetna 31/1097, 140 00 Praha 4 (CZ). NOVAK, Pavel [CZ/CZ]; Planicka 73, 339 01 Klatovy (CZ). STRASKRABA, Ilja [CZ/CZ]; Macharova 297/III, 339 01 Klatovy (CZ). VACIK, Jiri [CZ/CZ]; Hekrova 853, 149 00 Praha 4 (CZ). WIRTHOVA, Eva [CZ/CZ]; Koksín 20, 340 12 Svihov (CZ).

- (74) SEMBEROVA, Dana; Patent and Licence Services ASCR, Politických veznu 7, 111 21 Praha 1 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 A61P 31/18, A61K 35/14, 38/36, 38/38

- (11) WO 2004/096368 (13) A1

- (21) PCT/EP2003/004374

- (22) 25 Apr/avr 2003 (25.04.2003)

- (25) de (26) de

- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • TREATMENT OF HI-VIRUS INFECTIONS WITH OXIDISED BLOOD PROTEINS

• LUTTE CONTRE DES INFECTIONS PAR LE VIH AU MOYEN DE PROTEINES SANGUINES OXYDEES

- (71) HAMBURGER STIFTUNG ZUR FÖRDERUNG VON WISSENSCHAFT UND KULTUR [DE/DE]; c/o MERA GmbH, Grosse Bleichen 8, 20354 Hamburg (DE).

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

- (72, 75) KEHREL, Beate [DE/DE]; Schöppingeweg 70, 48149 Münster (DE).

- (74) KECK, Stephan; Eisenführ, Speiser & Partner, Martinistrasse 24, 28195 Bremen (DE).

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/06, 3/16

- (11) WO 2004/096369 (13) A1

- (21) PCT/NL2004/000280

- (22) 28 Apr/avr 2004 (28.04.2004)

- (25) nl (26) en

- (30) 1023279 28 Apr/avr 2003 NL (28.04.2003)

- (30) 1024770 12 Nov/nov 2003 NL (12.11.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FIRE RESISTANT FOAM, CONSTRUCTION ELEMENTS THEREFROM, SYSTEM FOR FIRE-TIGHT SEALING OF AN OPENING, AND METHOD FOR SEALING AN OPENING IN A WALL

• MOUSSE COUPE-FEU, ELEMENTS DE CONSTRUCTION COMPRENANT CETTE MOUSSE COUPE-FEU, SYSTEME PERMETTANT DE RENDRE ETANCHE AU FEU UNE OUVERTURE ET PROCEDE PERMETTANT D'OBTURER UNE OUVERTURE DANS UNE PAROI

- (71) BEELE ENGINEERING B.V. [NL/NL]; Beunkdijk 11, NL-7122 NZ Aalten (NL).

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

- (72, 75) BEELE, Johannes, Alfred [NL/NL]; Beunkdijk 11, NL-7122 NZ Aalten (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).

Published / Publiée : (c)

- (51)⁷ A62C 3/16

- (11) WO 2004/096370 (13) A1

- (21) PCT/KR2004/000389

- (22) 25 Feb/fév 2004 (25.02.2004)

- (25) ko (26) en

- (30) 10-2003-0028166 2 May/mai 2003 KR (02.05.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AUTOMATIC FIRE EXTINGUISHER FOR ELECTRIC DISTRIBUTING BOARD AND ELECTRIC PANEL

• EXTINCTEUR AUTOMATIQUE POUR TABLEAU DE DISTRIBUTION ELECTRIQUE ET PANNEAU ELECTRIQUE

- (71) KOREA POWER ENGINEERING COMPANY INC. [KR/KR]; 360-9 Mabuk-ri, Guseong-eup, Yongin-city, Kyungki-do 449-713 (KR).

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

- (72, 75) MA, Jin-Soo [KR/KR]; Rm. 201 Shimmyung Apt. Gugal-ri, Giheung-eup, Yongin-city, Kyungki-do 449-903 (KR).

- (74) LEE, Young-Pil; The Cheonghwa Bldg., 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00

- (11) WO 2004/096371 (13) A1

- (21) PCT/CZ2004/000024

- (22) 28 Apr/avr 2004 (28.04.2004)

- (25) en (26) en

- (30) PV 2003-1220 30 Apr/avr 2003 CZ (30.04.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR DEHALOGENATION DETOXICATION OF HALOGENATED AROMATIC AND/OR CYCLIC COMPOUNDS

• METHODE DE DESHALOGENATION/DETOXICATION DE COMPOSES HALOGENES AROMATIQUES OU CYCLIQUES

- (71) USTAV CHEMICKYCH PROCESU AV CR [CZ/CZ]; Rozvojova 135, 165 02 Praha 6 - Suchbát (CZ). ZDRAVOTNI USTAV SE SIDLEM V OSTRAVE [CZ/CZ]; Partyzánské nam. 7, 702 00 Ostrava (CZ).

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

- (72, 75) PEKAREK, Vladimír [CZ/CZ]; Malinova 29, 106 00 Praha 10 (CZ). HAPALA, Petr [CZ/CZ]; Paseky 465, 739 11 Frydlant nad Ostravici (CZ). FISEROVA, Eva [CZ/CZ]; Nad Mohylou 1094, 165 00 Praha 6 (CZ).

- (74) HAKR, Eduard; Traplová-Hakr-Kubát, Law and Patent Offices, Pristavní 24, 170 00 Praha 7 (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).

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 A63B

(11) WO 2004/096372 (13) A2

(21) PCT/US2004/012756

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/425,523 28 Apr/avr 2003 US (28.04.2003)

(30) 10/697,057 30 Oct/oct 2003 US (30.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GOLF SWING TRAINING DEVICE

- DISPOSITIF D'ENTRAÎNEMENT AU SWING DE GOLF

(71, 72) PARK, Glenn [US/US]; 6965 Abbottswood Drive, Rancho Palos Verdes, CA 90275-3021 (US).

(74) MEADS, Robert, R.; 214 Paseo de Suenos, Redondo Beach, CA 90277 (US).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096373 (13) A2

(21) PCT/US2004/013738

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,169 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GOLF CLUB HEAD WITH PORTS AND WEIGHTED RODS FOR ADJUSTING WEIGHT AND CENTER OF GRAVITY

- TETE DE CLUB DE GOLF COMPORTANT DES ORIFICES ET DES TIGES LESTÉES DESTINÉES A AJUSTER LE POIDS ET LE CENTRE DE GRAVITE

(71) JAS. D. EASTON, INC. [US/US]; 7855 Haskell Avenue, Suite 202, Van Nuys, CA 91406-1999 (US).

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

(72, 75) MEYER, Dean E. [US/US]; 16 Olympia Court, Oakbrook, IL 60523 (US).

(74) DENEUFBOURG, Daniel, J. et al. / etc.; Olson & Hierl, LTD., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).

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

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

(11) WO 2004/096374 (13) A1

(21) PCT/JP2004/003061

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-126087 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GAME MACHINE

- MACHINE A SOUS DE TYPE RECREATIF

(71) KONAMI CORPORATION [JP/JP]; 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6330 (JP).

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

(72, 75) FUKUI, Hiroyuki [JP/JP]; c/o Konami Corporation, 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6330 (JP). SAKUMA, Takashi [JP/JP]; c/o Konami Corporation, 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6330 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/11, B63B 3/08

(11) WO 2004/096375 (13) A1

(21) PCT/CH2004/000255

(22) 27 Apr/avr 2004 (27.04.2004)

(25) fr (26) fr

(30) PCT/CH03/00284 2 May/mai 2003 CH (02.05.2003)

(30) PCT/CH03/00378 11 Jun/juin 2003 CH (11.06.2003)

(30) PCT/CH04/00038 23 Jan/jan 2004 CH (23.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INFLATABLE STRUCTURE(S)

- STRUCTURE(S) GONFLABLE(S)

(71, 72) BOUJON, Claire-Lise [CH/CH]; 33, rue de Montbrillant, CH-1201 GENEVE (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 A63B 21/055

(11) WO 2004/096376 (13) A1

(21) PCT/US2003/012812

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FOLDABLE TRANSPORTABLE MULTIPLE FUNCTION PILATES EXERCISE APPARATUS AND METHOD

- PROCEDE ET APPAREIL D'EXERCICES PILATES A FONCTIONS MULTIPLES, TRANSPORTABLE, PLIABLE

(71, 72) SOLOW, Howard, J. [US/US]; 12 Qualla Drive, Boulder, CO 80303 (US). LOBDELL, Julie [US/US]; Peak Pilates, 10077 N. 75th Street, Longmont, CO 80503 (US).

(72) ARBUCKLE, Michael, M.; 100 Zennia Street, Austin, TX 78751 (US). CALUORI, Gregory; 3179 S. Indiana St., Lakewood, CO 80228 (US). NELSON, Scott, Douglas; 2640 Zenobia St., Denver, CO 80212 (US).

(74) YEAGER, Rick, B.; Rick B. Yeager, Attorney, 10805 Mellow Lane, Austin, TX 78759 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ 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 A63B 21/072

(11) WO 2004/096377 (13) A2

(21) PCT/NL2004/000279

(22) 28 Apr/avr 2004 (28.04.2004)

(25) nl (26) en

(30) 1023281 28 Apr/avr 2003 NL (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRAINING TOOL, COUPLING PIECE AND METHOD FOR HANDLING A TRAINING TOOL

• ACCESSOIRE D'ENTRAÎNEMENT, PIÈCE D'ACCOUPLEMENT ET PROCÉDE DE MANIPULATION D'ACCESSOIRE D'ENTRAÎNEMENT

(71) TUBE TRAINER B.V. [NL/NL]; Kalfjeslaan 34, NL-2623 AH Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HERMANS, Johannes, Theodorus [NL/NL]; De Kruin 7, NL-2661 DJ Bergschenhoek (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 A63B 22/00

(11) WO 2004/096378 (13) A1

(21) PCT/US2003/013397

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEART RATE MONITOR FOR CONTROLLING ENTERTAINMENT DEVICES

• MONITEUR DE FREQUENCE CARDIAQUE POUR LA COMMANDE DES DISPOSITIFS DE DIVERTISSEMENT

(71, 72) VOLPE, Joseph, C., Jr. [US/US]; 115 Jaffrey Road, Malvern, PA 19355 (US).

(74) SKILLMAN, Henry, H. et al. / etc.; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Philadelphia, PA 19103-2307 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 51/00

(11) WO 2004/096379 (13) A1

(21) PCT/JP2003/005333

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPLYING TOOL FOR STRING

• OUTIL DE POSE DE CORDE

(71) THE SAN-AI CO., LTD. [JP/JP]; 34-7, Furuichi 1-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0123 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKIMOTO, Kenji [JP/JP]; 34-7, Furuichi 1-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0123 (JP).
OKIMOTO, Keiko [JP/JP]; 34-7, Furuichi 1-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0123 (JP).

(74) OTA, Keiichi; Toranomom Bldg. 9F, 1-12, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

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

(51)⁷ A63B 55/00

(11) WO 2004/096380 (13) A1

(21) PCT/JP2004/005774

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-124875 30 Apr/avr 2003 JP (30.04.2003)

(30) 2003-393273 25 Nov/nov 2003 JP (25.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GOLF BAG

• SAC DE GOLF

(71, 72) HANDA, Yukihiro [JP/JP]; 4-3-4, Higashi-tokorozawa, Tokorozawa-City, Saitama 3590021 (JP).
AONO, Tetsuya [JP/JP]; 205 Villami-Lemon-Kan, 1-2925-2, Mihara-cho, Tokorozawa-City, Saitama 3590045 (JP).

(74) WATANABE, Satoshi; WATANABE PATENT & LAW OFFICE, 2nd-floor, Parkside-Yotsuya, 18-20 San-ci-cho, Shinjuku-Ku, Tokyo 1600008 (JP).

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

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

(51)⁷ A63B 69/24, 69/20, 69/30, 69/34

(11) WO 2004/096381 (13) A1

(21) PCT/AU2004/000566

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2003902010 29 Apr/avr 2003 AU (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN EXERCISE TRAINING APPARATUS

• EXERCISEUR

(71, 72) STEVENSON, Leon [AU/AU]; 17 York Avenue, Clovelly Park, South Australia 5042 (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 A63B 69/36

(11) WO 2004/096382 (13) A1

(21) PCT/AU2004/000542

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003901993 **28 Apr/avr 2003** AU
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRAINING DEVICE FOR GOLFERS
• DISPOSITIF D'ENTRAÎNEMENT
POUR GOLFEURS

(71) ATGOLF PTY. LIMITED [AU/AU]; 111
Powell Street, Yarraville, Victoria 3013 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MCMILLAN, Vern [AU/AU]; 111
Powell Street, Yarraville, Victoria 3013
(AU).

(74) A TATLOCK & ASSOCIATES; 28 Drum-
mond Street, Carlton South, Victoria 3053
(AU).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 A63B 69/36

(11) WO 2004/096383 (13) A1

(21) PCT/US2003/028233

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) 60/460,691 **4 Apr/avr 2003** US
(04.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GOLF SWING TRAINING METHOD
AND APPARATUS
• PROCEDE ET APPAREIL
D'ENTRAÎNEMENT A L'ELAN DE
GOLF

(71) BENOLT, LLC [US/US]; 2192 Salt Myrtle
Lane, Orange Park, FL 32003 (US).

(72) BENDER, Michael, E.; 387 Baymore Way,
Sanford, FL 32746 (US).

(74) NAPOLITANO, Carl; Allen, Dyer, Dop-
pelt, Milbrath & Gilchrist, P.A., 255 South

Orange Ave., Suite 1401, Orlando, FL 32801
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 A63B 71/10, A42B 3/18

(11) WO 2004/096384 (13) A1

(21) PCT/CA2003/000905

(22) 12 Jun/juin 2003 (12.06.2003)

(25) en (26) en

(30) 10/425,596 **30 Apr/avr 2003** US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MODULAR MARK SYSTEM
• SYSTEME DE MASQUE MODULAIRE

(71) REVISION EYEWEAR INC. [CA/CA];
3575 St. Laurent Blvd., Suite #488, Mon-
tréal, Québec H2X 2T7 (CA).

(72) GAGNON, Mario; 4361 de Bullion #105,
Montreal, Quebec H2W 2G2 (CA). PI-
LON, Christian; 1494 Tillemont, Mon-
tréal, Quebec H2E 3B3 (CA). LEBEUF,
Jean-Francois; 5715 Hudson #6, Montreal,
Quebec H3S 2G4 (CA). SHELDON, Brent;
72 Sherbrooke Street West, Apt. #3, Mon-
tréal, Quebec H2X 1X3 (CA).

(74) SMART & BIGGAR; 1000 de la
Gauchetiere Street West, Suite 3400, Mon-
tréal, Québec H3B 4W5 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 2004/096385 (13) A2

(21) PCT/KR2004/000803

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 20-2003-0013497 **30 Apr/avr 2003** KR
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FRAME FOR INLINE SKATE
• CADRE POUR PATIN EN LIGNE

(71, 72) CHO, Sang Min [KR/KR]; Samsung
Yeonrip A-301, 974-6, Shinwol 7-dong,
Yangchun-gu, Seoul 158-097 (KR).

(74) HAN, Sang Hyuk; Dugyu B/D 2F, 943-14
Daechi-dong, Kangnam-gu, Seoul 135-845
(KR).

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

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

(51)⁷ A63C 9/08

(11) WO 2004/096386 (13) A1

(21) PCT/EP2003/004527

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SNOWBOARD BINDING
• FIXATION DE SNOWBOARD

(71) NITRO AG [CH/CH]; Sennweidstr. 39,
CH-6312 Steinhausen (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DELAGO, Thomas [DE/DE];
Schwabengasse 2, 82487 Oberammergau
(DE).

(74) FABRIS, Stefano et al. / etc.; Cantaluppi
& Partners S.r.l., Via Matteotti, 26, I-35137
Padova (IT).

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

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

Declarations / Déclarations :

(r) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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 A63C 9/081

(11) WO 2004/096387 (13) A2

(21) PCT/EP2004/050585

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 10319056.2 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SNOWBOARD BINDING

• FIXATION POUR SNOWBOARD

(71) JAPANA CO., LTD [JP/JP]; 25-1, Meieki 5-chome, Nakamura-ku, Nagoya-City, Aichi 450-0002 (JP).

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

(71) HARSÁNYI, Otto [DE/DE]; Dorfstrasse 49, 82418 Murnau (DE).

(only for / seulement pour MC)

(72, 75) OKANO, Yasutomi [JP/JP]; 981-1, Naka, Mitake-cho Kani-gun, Gifu 505-0121 (JP). TANAKA, Toru [JP/JP]; Berukasa No. 203 5-13, Shoei-cho, Mino-City, Gifu 501-3752 (JP). KAWAI, Shigehiro [JP/JP]; Shatore Aimatsu No. 803 3-85-1, Shiroyama-cho, Tajimi-City, Gifu 504-0054 (JP).

(74) ROTERMUND, Hanns-Jörg; Patentwalts-Partnerschaft, ROTERMUND + PFUSCH + BERNHARD, Waiblinger Str. 11, 70372 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 A63F

(11) WO 2004/096388 (13) A2

(21) PCT/US2004/013293

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,818 29 Apr/avr 2003 US
(29.04.2003)(30) Not furnished / 28 Apr/avr 2004 US
non communiqué (28.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLUID-FILLED GAME DEVICE

• DISPOSITIF DE JEU REMPLI DE FLUIDE

(71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245 (US).

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

(72, 75) RITTER, Janice [US/US]; 4245 Don Alanis Place, Los Angeles, CA 90008 (US). TAKEYASU, Alton [US/US]; 8137 Manitoba Street #3, Playa Del Rey, CA 90293 (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 1/06, 1/12, 1/14

(11) WO 2004/096389 (13) A1

(21) PCT/HU2003/000033

(22) 26 Apr/avr 2003 (26.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR PLAYING GAME OF CARDS

• APPAREIL POUR JOUER A UN JEU DE CARTES

(71, 72) CSIKÓS, János [HU/HU]; Görgey U. 10, H-4032 Debrecen (HU).

(74) GÖDÖLLE, KÉKES, MÉSZÁROS & SZABÓ PATENT AND TRADEMARK ATTORNEYS; Keleti Károly u. 13/b, H-1024 Budapest (HU).

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

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

(51)⁷ A63F 3/00

(11) WO 2004/096390 (13) A2

(21) PCT/CN2004/000372

(22) 19 Apr/avr 2004 (19.04.2004)

(25) zh (26) zh

(30) 03122370.2 29 Apr/avr 2003 CN
(29.04.2003)(30) 200310120007.9 28 Nov/nov 2003 CN
(28.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INFORMATION CHESS

• JEUX INTELLECTUELS SE JOUANT SUR UNE TABLE

(71, 72) PAN, Tian, ming [CN/CN]; 8 Branch 92 P. O. Box, Zhouqiao New District, Yuting Town, Yugan County, Jiangxi 335100 (CN).

(74) CHANGSHA ZONEKEY PATENT LAW FIRM; 135# Bayi Rd., Changsha, Hunan 410001 (CN).

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

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

Published / Publiée : (i)

(51)⁷ A63F 3/06

(11) WO 2004/096391 (13) A1

(21) PCT/US2003/012494

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACCUMULATION VARIATION OF LOTTERY-STYLE GAMES OF CHANCE

• VARIANTE D'ACCUMULATION DE JEUX DE HASARD DE TYPE LOTERIE

(71) TRACE PUBLISHING COMPANY [US/US]; 19 Meridian Drive, Wimberley, TX 78676 (US).

(72) HIGGINSON, Henry, C.; 19 Meridian Drive, Wimberley, TX 78676 (US).

(74) ROSS, Monty, L.; Locke Liddell & Sapp LLP, 2200 Ross Avenue, Suite 2200, Dallas, TX 75201-6776 (US).

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

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

(51)⁷ A63F 5/04

(11) WO 2004/096392 (13) A1

(21) PCT/JP2003/012776

(22) 6 Oct/oct 2003 (06.10.2003)

(25) ja (26) ja

(30) 2003-123362 28 Apr/avr 2003 JP
(28.04.2003)(30) 2003-346732 6 Oct/oct 2003 JP
(06.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SLOT MACHINE

• MACHINE A SOUS

(71) **SNK PLAYMORE CORPORATION** [JP/JP]; 14-12, Toyotsu-cho, Suita-shi, Osaka 564-0051 (JP).

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

(72, 75) **SOTOYAMA, Koichi** [JP/JP]; c/o SNK PLAYMORE CORPORATION, 14-12, Toyotsu-cho, Suita-shi, Osaka 564-0051 (JP).

(74) **IWANAGA, Kazuhisa**; SHIMA Bldg. 1F, 18-40, Minamiikebukuro 3-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 **A63F 9/08**

(11) **WO 2004/096393** (13) A2

(21) PCT/GB2004/001924

(22) **4 May/mai 2004 (04.05.2004)**

(25) en (26) en

(30) 0310117.7 **2 May/mai 2003 (02.05.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **HINGE ASSEMBLIES AND HINGED OBJECTS**

• **ENSEMBLES CHARNIERES ET OBJETS CHARNIERES**

(71, 72) **BAYLDON, John, Michael** [GB/GB]; 14b Station Parade, Harrogate, North Yorkshire HG1 1UE (GB).

(74) **WHITE, Nicholas, J.**; Rouse Patents, Windsor House, Cornwall Road, Harrogate HG1 2PW (GB).

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

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

(51)⁷ **A63F 9/14, 13/00**

(11) **WO 2004/096394** (13) A1

(21) PCT/JP2004/003052

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) ja (26) ja

(30) 2003-127490 **2 May/mai 2003 (02.05.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **GAME DEVICE AND GAME SYSTEM**

• **APPAREIL DE JEU ET SYSTEME DE JEU**

(71) **KONAMI CORPORATION** [JP/JP]; 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6330 (JP).

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

(72, 75) **ANDO, Takuya** [JP/JP]; Konami Corporation, 2-4-1, Marunouchi, Chiyoda-ku, Tokyo 100-6330 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A63F 9/24**

(11) **WO 2004/096395** (13) A1

(21) PCT/US2003/009601

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **CASHLESS GAMING SYSTEM AND METHOD WITH MONITORING**

• **SYSTEME DE JEU SANS DECAISEMENT ET PROCEDE DE SURVEILLANCE**

(71) **ONEIDA INDIAN NATION** [US/US]; Route 5, P.O. Box 1, Vernon, NY 13476 (US).

(72) **MARTIN, Richard, L.**; 4860 Hayden's Walk Drive, Alpharetta, GA 30022 (US). **HOLE, Edward, J., Jr.**; 29 Stanton Road, Portsmouth, RI 02871 (US). **ANGELL, Robert, C.**; 19 Parkside Drive, West Greenwich, RI 02817 (US). **SANTINI, John, A., Jr.**; 85 Red Oak Way, Wakefield, RI 02879 (US). **MITCHELL, Ian**; 410 Windstone Drive, Portsmouth, RI 02871 (US). **CONSTANTINO, Dave, William**; 200 Mayfield Avenue, Apt. F2, Cranston, RI 02920 (US).

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

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

(51)⁷ **A63F 13/00**

(11) **WO 2004/096396** (13) A1

(21) PCT/GB2004/001857

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 0309575.9 **28 Apr/avr 2003 (28.04.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **SPOTT-THE-BALL GAME**

• **JEU ≤ CHERCHE LE BALLON ≥**

(71) **FIRST GLOBAL GAMING LTD.**, [GB/GB]; Arden Hall, 66 Brooklands Road, Sale, Cheshire M33 3SJ (GB).

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

(72, 75) **LAPCZYNSKY, Peter** [GB/GB]; 170 Framingham Road, Brooklands, Sale, Cheshire M33 3RG (GB).

(74) **GOODWIN, Mark** et al. / etc.; Wilson Gunn McCaw, 5th Floor, Blackfriars House, The Parsonage, Manchester M3 2JA (GB).

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

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

(51)⁷ **A63F 13/02, 13/00**

(11) **WO 2004/096397** (13) A1

(21) PCT/IB2004/050526

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 03101177.8 **29 Apr/avr 2003 (29.04.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **GAME HAS LOCALLY SAVED POINTER TO STATE SAVED ELSEWHERE**

• **JEU A SAUVEGARDE LOCALE D'UN POINTEUR VERS UN ETAT SAUVEGARDE AILLEURS**

(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) **BULTHUIS, Willem** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VERDONK, Peter, L., F., 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 A63F 13/12, G06F 3/02

(11) WO 2004/096398 (13) A1

(21) PCT/JP2004/005362

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-125649 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMMUNICATION METHOD AND
GAME APPARATUS
• PROCEDE DE COMMUNICATION ET
APPAREIL DE JEU

(71) SONY COMPUTER ENTERTAINMENT
INC. [JP/JP]; 2-6-21, Minami-Aoyama, Mi-
nato-ku, Tokyo 1070062 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIYAZAKI, Yoshio [JP/JP]; c/o SONY
COMPUTER ENTERTAINMENT INC.,
2-6-21, Minami-Aoyama, Minato-ku, Tokyo
1070062 (JP).

(74) MORISHITA, Sakaki; 2-11-12, Ebisu-
Nishi, Shibuya-ku, Tokyo 1500021 (JP).

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

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

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

(51)⁷ A63H 13/12, H04L 7/02

(11) WO 2004/096399 (13) A1

(21) PCT/JP2000/000553

(22) 2 Feb/fév 2000 (02.02.2000)

(25) ja (26) ja

(30) 11/26917 4 Feb/fév 1999 JP
(04.02.1999)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GAME SYSTEM, GAME MACHINE,
GAME DATA DELIVERY DEVICE, IM-
AGE DATA DELIVERY SYSTEM, AND
COMPUTER-USABLE INFORMATION
• SYSTEME DE JEU, MACHINE DE JEU,
DISPOSITIF DE DIFFUSION DE DON-
NEES DE JEU, SYSTEME DE DIFFU-
SION DE DONNEES DE JEU, ET IN-
FORMATIONS INFORMATIQUES UTI-
LISABLES

(71, 72) OGAWA, Toru [JP/JP]; c/o Namco Ltd.,
8-5, Tamagawa 2-chome, Ota-ku, Tokyo
146-0095 (JP). SATO, Shigeru [JP/JP];
c/o Namco Ltd., 8-5, Tamagawa 2-chome,
Ota-ku, Tokyo 146-0095 (JP). WACHI,
Atsushi [JP/JP]; c/o Namco Ltd., 8-5, Tama-
gawa 2-chome, Ota-ku, Tokyo 146-0095 (JP).
NISHIURA, Hiroshi [JP/JP]; c/o Namco
Ltd., 8-5, Tamagawa 2-chome, Ota-ku,
Tokyo 146-0095 (JP). MORIGUCHI, Aki-
hiko [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) 12Feb/fév 2002
(12.02.2002), 6346048

(51)⁷ B01D

(11) WO 2004/096400 (13) A2

(21) PCT/US2004/010706

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/463,243 16 Apr/avr 2003 US
(16.04.2003)

(30) 10/816,360 1 Apr/avr 2004 US
(01.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERLACED SERIES PARALLEL
CONFIGURATION FOR METAL SOL-
VENT EXTRACTION PLANTS
• CONFIGURATION SERIE PARALLELE
ENTRELACEE POUR INSTALLA-
TIONS D'EXTRACTION DE SOLVANT
METALLIQUES

(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) HEIN, Hans, C. [AT/CL]; Casilla 3,
Correo 35, Providencia, Santiago (CL).
ARAYA, Gabriel [CL/CL]; Osvaldo Gomez
01401, Jardines del Sol, Antofagasto (CL).

(74) DRACH, John, E.; Cognis Corporation, 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096401 (13) A2

(21) PCT/US2004/012342

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,814 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CUTTING A LAMINATED PROD-
UCT TO LENGTH ANF REMOVING
SELVAGE FROM A RESIDUAL LAMI-
NATE
• COUPE D'UN PRODUIT LAMINE A LA
LONGUEUR ET ELIMINATION DE LA
LISIERE D'UN LAMINE RESIDUEL

(71) TECHWORKS, INC. [US/US]; 25 N. On-
tario Street, Toledo, OH 43624 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) POTTER, Terry, C. [US/US]; 3167
Chanson Valley, Lambertville, MI 48144
(US). POTTER, Jeffrey, C. [US/US]; 3203
Chanson Valley, Lambertville, MI 48144
(US). BAY, Brian, H. [US/US]; 3784 Drift-
wood Road, Toledo, OH 43613 (US).

(74) MILLER, James, D.; MacMillan, Soban-
ski & Todd LLC, One Maritime Plaza, Fourth
Floor, 720 Water Street, Toledo, OH 43604-
1843 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096402 (13) A2

(21) PCT/US2004/013826

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/320,149 27 Apr/avr 2003 US
(27.04.2003)

(30) 10/250,243 **17 Jun/juin 2003** US
(17.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AIR CONSERVING SLIDE VALVE

• ROBINET A TIROIR CONSERVANT L'AIR

(71) CARLETON LIFE SUPPORT SYSTEMS, INC. [UG/UG]; 10 Cobham Drive, Orchard Park, New York 14127-4195 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAGER, Charles [US/US]; co/ Carleton Life Support Systems, Inc., 2734 Hickory Grove Road, Davenport, Iowa 52804 (US).

(74) MARSTELLER, Thomas; PO Box 803302, Dallas, Texas 75380-3302 (US).

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

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

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG 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 B01D 3/14

(11) WO 2004/096403 (13) A1

(21) PCT/DE2004/000867

(22) 24 Apr/avr 2004 (24.04.2004)

(25) de (26) de

(30) 103 19 046.5 **25 Apr/avr 2003** DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISTILLATION METHOD

• PROCEDE DE DISTILLATION

(71) 2S-SOPHISTICATED SYSTEMS LIMITED [GB/GB]; 10 Cromwell Place, London SW7 2JN (GB). BUSS-SMS-CANZLER GMBH [DE/DE]; Kaiserstrasse 13-15, 35510 Butzbach (DE).

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

(72, 75) BLUM, Stephan, Rüdiger [DE/CA]; 1414 Windsor St. NW, Calgary, Alberta T2N 3X4 (CA). KAISER, Bernhard [DE/DE]; Am Wenauer Hof 4, 52399 Merzenich (DE).

(74) EIKEL & PARTNER GBR; Hünenweg 15, 32760 Detmold (DE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/00, C01D 3/16

(11) WO 2004/096404 (13) A1

(21) PCT/EP2004/004383

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,389 **29 Apr/avr 2003** US
(29.04.2003)

(30) 60/486,473 **11 Jul/juil 2003** US
(11.07.2003)

(30) 03078314.6 **21 Oct/oct 2003** EP
(21.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESSES INVOLVING THE USE OF ANTISOLVENT CRYSTALLISATION

• PROCEDES IMPLIQUANT L'UTILISATION D'UNE CRISTALLISATION D'ANTISOLVANTS

(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) MAYER, Mateo, Jozef, Jacques [NL/NL]; Breestraat 22, NL-3811 BJ Amersfoort (NL). DEMMER, René, Lodewijk, Maria [NL/NL]; Werfstraat 16, NL-7468 GG Enter (NL). VAN STRIEN, Cornelis, Johannes, Govardus [NL/NL]; Kraaiekamp 61, NL-6662 SJ Elst (NL). KUZMANOVIĆ, Boris [YU/NL]; Beatrixstraat 54, NL-7511 KL Enschede (NL).

(74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).

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

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

(51)⁷ B01D 9/00

(11) WO 2004/096405 (13) A1

(21) PCT/EP2004/004506

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,761 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTISOLVENT SOLIDIFICATION PROCESS
• PROCEDE DE SOLIDIFICATION D'UN ANTISOLVANT

(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) BAKKER, Wridzer, Jan, Willem [NL/NL]; Graaf Lodewijkstraat 76, NL-6821 EG Arnhem (NL). GEERTMAN, Robert, Michael [NL/NL]; Mr. P.J. Oudsingel 89, NL-6836 PL Arnhem (NL). REEDIJK, Marianne, Frederika [NL/NL]; Houtsnijder-shorst 710, NL-7328 WS Apeldoorn (NL). BALTUSSEN, Jozef, Johannes, Maria [NL/NL]; St. Jacobslaan 380, NL-6533 VV Nijmegen (NL). BARGEMAN, Gerald; Simon Vestdijkstraat 36, NL-6708 NW Wageningen (NL). VAN LARE, Cornelis, Elizabeth, Johannus [NL/NL]; Esdoornstraat 22, NL-6602 GE Wijchen (NL).

(74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 17/038, E21B 43/38

(11) WO 2004/096406 (13) A1

(21) PCT/US2003/023311

(22) 24 Jul/juil 2003 (24.07.2003)

(25) en (26) en

(30) PCT/US03/09014 **26 Mar/mar 2003** US
(26.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYDROCYCLONE FOR DOWN-HOLE USE

• HYDROCYCLONE POUR UTILISATION EN FOND DE PUITS

(71) GNESYS, INC. [US/US]; 2147 Frisco Avenue, Memphis, TN 28144 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NASSIF, Naji** [US/US]; 8051 Port Douglass Cove, Cordova, TN 38018 (US).

(74) **LONDA, Bruce, S.**; Norris, McLaughlin & Marcus, P.A., 220 East 42nd Street, 30th Floor, New York, NY 10017 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/01, C02F 1/28, 1/44, 1/52, 1/56**

(11) **WO 2004/096407** (13) A1

(21) PCT/JP2003/005569

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

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLOCCULANT FOR TREATING CLEANING WASTEWATER AND CLEANING WASTEWATER TREATMENT EQUIPMENT

• FLOCULANT POUR TRAITER LES EAUX USEES DE LAVAGE ET EQUIPEMENT DE TRAITEMENT DES EAUX USEES DE LAVAGE

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP). **DAICEN MEMBRANE-SYSTEMS LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAMADA, Toyozo** [JP/JP]; c/o Daicel Chemical Industries, Ltd., Research Center, 1239, Shinzaike, Aboshi-ku, Himeji-shi, Hyogo 671-1283 (JP). **NAKATSUKA, Shuji** [JP/JP]; c/o Daicel Chemical Industries, Ltd., Research Center, 1239, Shinzaike, Aboshi-ku, Himeji-shi, Hyogo 671-1283 (JP). **MIYAZAKI, Yasumitsu** [JP/JP]; 3-8-18, Suwa, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0004 (JP).

(74) **FURUYA, Satoshi** et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).

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

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

(51)⁷ **B01D 21/26, E21B 43/00**

(11) **WO 2004/096408** (13) A1

(21) PCT/US2003/009014

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

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYDROCYCLONE FOR DOWN-HOLE USE

• HYDROCYCLONE POUR UNE UTILISATION EN FOND DE TROU

(71) **GNESYS, INC.** [US/US]; 2147 Frisco Avenue, Memphis, TN 38114 (US).

(72, 75) **NASSIF, Naji** [FR/US]; 8051 Port Douglass Cove, Cordova, TN 38018 (US).

(74) **LONDA, Bruce, S.** et al. / etc.; 220 East 42nd Street, 30th floor, New York, NY 10017 (US).

(81) AE AG AU BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KE KP KR LC LK LR LT LV MA MD MG MK MN MW MX NO NZ OM PH PL RO SD SG SK SL TN TT UA US UZ VN YU ZA.

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

(51)⁷ **B01D 27/10, 35/153**

(11) **WO 2004/096409** (13) A1

(21) PCT/US2004/012116

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 10/424,200 **25 Apr/avr 2003** US **(25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLUIDIC CARTRIDGE

• CARTOUCHE DE FLUIDE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). **WHIRLPOOL PATENTS COMPANY** [US/US]; 500 Renaissance Drive, Suite 102, St. Joseph, MI 49085 (US).

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

(72, 75) **OLSON, Judd, Dylan** [US/US]; 5637 Glen Avenue, Minnetonka, MN 55345 (US). **EMMONS, David, James** [US/US]; 670 Windmere Curve, Plymouth, MN 55441 (US). **BOROS, John, Paul** [US/US]; 801 Robert Avenue North, Maple Lake, MN 55358 (US). **BRETL, Donald, Stephen** [US/US]; 7951 Woodglan Drive, West Chester, OH 45069 (US). **MITCHELL, Alan, Joseph** [US/US]; P.O.Box 15913, Evansville, IN 47716 (US). **ROSE, Todd, L.** [US/US]; 7011 Lincoln Avenue, Evansville, IN 47715 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/00, 35/01**

(11) **WO 2004/096410** (13) A1

(21) PCT/JP2004/005842

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-126461 **1 May/mai 2003** JP **(01.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FILTER UNIT WITH DEAERATING MECHANISM

• GROUPE DE FILTRATION EQUIPE D'UN MECANISME DE DESAERATION

(71) **Mykrolis Corporation** [US/US]; 129 Concord Road, Billerica, Massachusetts, 018214600 (US).

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

(72, 75) **NOMURA, Yoshiki** [JP/JP]; c/o Nihon Mykrolis K.K., 4-28, Mita 1-chome, Minato-ku, Tokyo, 1080073 (JP).

(74) **KAWAGUCHI, Yoshio** et al. / etc.; Kawaguti & Partners, Yuhsen Shinjuku Gyoen Bldg., 1-11, 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 **B01D 33/23**

(11) **WO 2004/096411** (13) A1

(21) PCT/BR2003/000114

(22) **14 Aug/août 2003 (14.08.2003)**

(25) en (26) en

(30) PI 0301349-9 **28 Apr/avr 2003** BR **(28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SECTOR FOR VACUUM ROTATING FILTERS AND SIMILARS

• SECTEUR POUR FILTRES ROTATIFS SOUS VIDE ET SIMILAIRES

(71, 72) **LOVIZZARO, Paulo, Eduardo, Vasquez** [BR/BR]; Rua Almirante Protógenes, 261 - apt^o 52, CEP 09090-760 Santo André - SP (BR).

(74) **MOREIRA, Aguinaldo**; Rua Bela Cintra, 299 - 3rd Floor, CEP 01415-900 São Paulo - SP (BR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE 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 **B01D 35/00**

(11) **WO 2004/096412** (13) A1

(21) PCT/JP2004/006044

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) ja (26) ja

(30) 2003-123908 **28 Apr/avr 2003 (28.04.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **FILTER ELEMENT-REMOVING JIG**
• **OUTIL DE DEMONTAGE D'ELEMENT FILTRANT**

(71) **MYKROLIS CORPORATION** [US/US]; 129 Concord Road, Billerica, Massachusetts, 018214600 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIGASHIHARA, Yukio** [JP/JP]; c/o Nihon Mykrolis K.K., 4-28, Mita 1-chome, Minato-ku, Tokyo, 1080073 (JP).

(74) **KAWAGUCHI, Yoshio**, et al. / etc.; Kawaguti & Partners, Yuhshen Shinjuku Gyoen Bldg., 1-11, 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 **B01D 39/16, B03C 3/155**

(11) **WO 2004/096413** (13) A1

(21) PCT/SE2004/000668

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 0301283-8 **30 Apr/avr 2003 (30.04.2003)** SE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **CONDUCTING GAS PURIFICATION FILTER AND FILTER ASSEMBLY**

• **FILTRE CONDUCTEUR DE PURIFICATION DE GAZ ET ENSEMBLE FILTRANT**

(71, 72) **NUTSOS, Mikael** [SE/SE]; Önnemövägen 73, S-146 53 Tullinge (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 **B01D 46/00, 39/20, F01N 3/02**

(11) **WO 2004/096414** (13) A1

(21) PCT/JP2004/003735

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

(25) ja (26) ja

(30) 2003-076403 **19 Mar/mar 2003 (19.03.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **HONEYCOMB STRUCTURE BODY**

• **CORPS A STRUCTURE EN NID D'ABEILLE**

(71) **NGK INSULATORS LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi Aichi, 4678530 (JP).

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

(72, 75) **MATSUBARA, Reiji** [JP/JP]**TOYOSHIMA, Tetsuo** [JP/JP]

(74) **NAKAMURA, Tomoyuki**; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku Tokyo 1050001 (JP).

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

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

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

(51)⁷ **B01D 53/22, 71/08, C07C 7/144, C10G 31/11**

(11) **WO 2004/096415** (13) A1

(21) PCT/CA2004/000579

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 2,426,629 **25 Apr/avr 2003 (25.04.2003)** CA

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **PROCESS FOR THE SEPARATION OF OLEFINS FROM PARAFFINS USING MEMBRANES**

• **PROCEDE DE SEPARATION D'OLEFINES DE PARAFFINES AU MOYEN DE MEMBRANES**

(71) **NOVA CHEMICALS CORPORATION** [CA/CA]; 1000 - 7th Avenue SW, Calgary, Alberta T2P 5L5 (CA). **ALBERTA RESEARCH COUNCIL INC.** [CA/CA]; 250 Karl Clark Road, Edmonton, Alberta T6N 1E4 (CA).

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

(72, 75) **HERRERA, Patricio, S.** [CA/CA]; 3916 Brantford Drive NW, Calgary, Alberta T2L 1H9 (CA). **FENG, Xianshe** [CA/CA]; 708 Willow Wood Place, Waterloo, Ontario N2T 2T7 (CA). **PAYZANT, John, Donald** [CA/CA]; 9702 - 85 Avenue NW, Edmonton, Alberta T6E 2J4 (CA). **KIM, Jeong-Hoon** [KR/KR]; 123-204 Hanvit Apartment, Eoun-dong, Yuseong-gu, Taejeon 305-755 (KR).

(74) **TROTT, Trevor et al.** / etc.; 2928 - 16 Street NE, Calgary, Alberta T2E 7K7 (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 **B01D 61/00**

(11) **WO 2004/096416** (13) A2

(21) PCT/US2003/041338

(22) **24 Dec/déc 2003 (24.12.2003)**

(25) en (26) en

(30) 10/423,245 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **INJECTION BONDED ARTICLES AND METHODS**

• **ARTICLES LIES PAR INJECTION ET PROCEDES ASSOCIES**

(71) UNITED STATES FILTER CORPORATION [US/US]; Legal/IP Department, 40-004 Cook Street, Palm Desert, CA 92211 (US).

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

(72, 75) MONTMINY, Emile O. [US/US]; 75 East Avenue, Lowell, MA 01854 (US). LIANG, Li-Shiang [US/US]; 258 Bolton Road, P.O. Box 35, Harvard, MA 01451 (US).

(74) GANZI, Gary C. et al. / etc.; Legal/IP Dept., United States Filter Corporation, 75 Technology Drive, Lowell, MA 01851 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) EE 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 (Utility model / modèle d'utilité) 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 VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 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 B01D 69/08, 69/12, 71/12

(11) WO 2004/096417 (13) A1

(21) PCT/JP2003/005568

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HOLLOW FILAMENTOUS SEMIPERMEABLE MEMBRANE

• MEMBRANE SEMI-PERMEABLE FILAMENTEUSE CREUSE

(71) DAICEL CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP).

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

(72, 75) NAKATSUKA, Shuji [JP/JP]; 79-11-306, Yokohama, Aboshi-ku, Himeji-shi, Hyogo 671-1254 (JP).

(74) FURUYA, Satoshi et al. / etc.; Hamachohanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).

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

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

(51)⁷ B01D 71/68, 71/62, 71/82, 71/76, 71/66, 71/58, 71/52, 71/72, 71/06, 71/00

(11) WO 2004/096418 (13) A1

(21) PCT/CN2004/000295

(22) 31 Mar/mar 2004 (31.03.2004)

(25) zh (26) zh

(30) 03124222.7 1 May/mai 2003 CN (01.05.2003)

(30) 200310115544.4 28 Nov/nov 2003 CN (28.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HOLLOW FIBER ULTRAFILTER MEMBRANE WITH POLY(PHTHALAZINONE ETHER FULFONE), POLY(PHTHALAZINONE ETHER KETONE) OR POLY(PHTHALAZINONE ETHER SULFONE KETONE) AND PREPARATION THEREOF

• MEMBRANE D'ULTRAFILTRATION A FIBRES CREUSES A BASE DE POLY(PHTHALAZINONE ETHER-FULFONE), DU POLY(PHTHALAZINONE-ETHER-CETONE) OU DU POLY(PHTHALAZINONE ETHER-SULFONE-CETONE) ET PREPARATION DE CELLE-CI

(71) TSINGHUA UNIVERSITY [CN/CN]; Tsinghua Yuan, Haidian District, Beijing 100084 (CN). NITTO DENKO CORP. [JP/JP]; 1-1-2, Shimohozumi, Ibaraki, Osaka 567-8680 (JP).

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

(72, 75) CHEN, Cuixian [CN/CN]; Membrane Technology & Engineering Research Center Department of Chemical Engineering, Tsinghua University, Tsinghua Yuan, Haidian District Beijing 100084 (CN). CHEN, Zhen [CN/CN]; Membrane Technology & Engineering Research Center Department of

Chemical Engineering, Tsinghua University, Tsinghua Yuan, Haidian District Beijing 100084 (CN). LI, Jiding [CN/CN]; Membrane Technology & Engineering Research Center Department of Chemical Engineering, Tsinghua University, Tsinghua Yuan, Haidian District Beijing 100084 (CN). YUN, Yanbin [CN/CN]; Membrane Technology & Engineering Research Center Department of Chemical Engineering, Tsinghua University, Tsinghua Yuan, Haidian District Beijing 100084 (CN). TAKUJI, Shintani [JP/JP]; 1-1-2, Shimohozumi, Ibaraki, Osaka 567-8680 (JP). MASAOKI, Ando [JP/JP]; 1-1-2, Shimohozumi, Ibaraki, Osaka 567-8680 (JP).

(74) NTD PATENT & TRADEMARK AGENCY LIMITED BEIJING OFFICE; 10th Floor, Block A, Investment Plaza, 27 Jinrongdajie, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 B01F

(11) WO 2004/096419 (13) A2

(21) PCT/JP2004/005660

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-158698 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATIC OXIDATION-REDUCTION TREATMENT SYSTEM COMPRISING DISSOLUTION OF HYDROGEN GAS OR OXYGEN GAS IN STATE OF COLLOID SOLUTION UNDER REDUCED PRESSURE AND UNDER PRESSURE

• SYSTEME DE TRAITEMENT, SOUS PRESSION, EN OXYDATION-REDUCTION AUTOMATIQUE A DISSOLUTION D'HYDROGENE OU D'OXYGENE A L'ETAT DE SOLUTION COLLOIDALE SOUS PRESSION REDUITE

(71) YUGEN KAISYA JOHO KAGAKU KENKYUSYO [JP/JP]; 535-3, Oaza Mouno, Ueki-machi, Kamoto-gun, Kumamoto 8610134 (JP).

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

(72, 75) KAMIMURA, Chikashi [JP/JP]; 535-3, Oaza Mouno, Ueki-machi, Kamoto-gun, Kumamoto 8610134 (JP).

(74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Bldg., 8-14, Akasaka 3-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 B01F 5/06, B01J 2/16, F15D 1/10, 1/04,
1/14, 1/06

(11) WO 2004/096420 (13) A1

(21) PCT/AU2004/000546

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003902014 28 Apr/avr 2003 AU
(28.04.2003)

(30) 2004900593 9 Feb/fév 2004 AU
(09.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR
MIXING FLUIDS FOR PARTICLE AG-
GLOMERATION

• PROCEDE ET APPAREIL PERMET-
TANT DE MELANGER DES FLUIDES
POUR AGGLOMERER DES PARTI-
CULES

(71) INDIGO TECHNOLOGIES GROUP
PTY LTD [AU/AU]; 48 Leichhardt Street,
Spring Hill, Queensland 4000 (AU).

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

(72, 75) TRUCE, Rodney, John [AU/AU]; 29
Douglas Street, Sherwood, Queensland 4075
(AU). WILKINS, John, Walter [AU/AU];
26 Lewis Street, Camp Hill, Queensland
4152 (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 B01F 5/06, 3/12

(11) WO 2004/096421 (13) A1

(21) PCT/GB2004/001841

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309606.2 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MIXING DEVICE
• DISPOSITIF MELANGEUR

(71) DYNAMIC PROCESSING SOLUTIONS
LIMITED [GB/GB]; Dynamic House, 8-10
Combe Road, Portishead, Bristol BS20 6BJ
(GB).

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

(72, 75) PARKINSON, David, John [GB/GB];
Arodene, Walton-in-Gordano, Clevedon,
North Somerset BS21 7AR (GB). DELVES,
James, Edward [GB/GB]; 32 Quantock
Road, Portishead, Bristol BS20 6DP (GB).
DREW, David, Oliver [GB/GB]; Dynamic
Processing Solutions Limited, Dynamic
House, 8-10 Combe Road, Portishead, Bris-
tol BS20 6BJ (GB).

(74) GILES, Ashley, Simon; Haseltine Lake,
Imperial House, 15-19 Kingsway, London
WC2B 6UD (GB).

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

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

(11) WO 2004/096422 (13) A1

(21) PCT/GB2004/001913

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309931.4 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PARTICULATE EMULSIFIERS, EMUL-
SIONS AND USES THEREOF

• EMULSIFIANTS PARTICULAIRES,
EMULSIONS ET UTILISATIONS

(71) THE UNIVERSITY OF SUSSEX
[GB/GB]; Sussex House, Falmer, Brighton
BN1 9RH (GB). THE UNIVERSITY OF
HULL [GB/GB]; Hull HU6 7RX (GB).

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

(72, 75) BINKS, Bernard, P. [GB/GB]; 22
George Lane, The Westwood, Walkington,
Hull, East Yorkshire HU17 8XX (GB).
ARMES, Steven, P. [GB/GB]; 16 Farnham
Avenue, Keymer, Hassocks, West Sussex
(GB). WHITBY, Catherine, P. [AU/GB];
Flat 2, 7 Newland Park, Hull HU5 2DN
(GB). AMALVY, Javier, I. [AR/AR]; c/o
University of Sussex, Falmer, Brighton BN1
9RP (GB).

(74) HARRISON GODDARD FOOTE; Foun-
tain Precinct, Balm Green, Sheffield S1 2JA
(GB).

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

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

Published / Publiée : (c)

(51)⁷ B01J

(11) WO 2004/096423 (13) A2

(21) PCT/US2003/035145

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/423,376 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTROL SYSTEM FOR CATALYTIC
PROCESSES

• SYSTEME DE COMMANDE POUR
PROCESSUS CATALYTIQUES

(71) CATELECTRIC, INC. [US/US]; c/o SHIP-
MAN & GOODWIN, One American Row,
Hartford, CT 06103 (US).

(72) STANCOVSKI, Victor; 254 Auwaiolimu
Street, Honolulu, HI 96813 (US).
SEETHARAMAN, Sridhar; 6609 Dalzell
Place, Pittsburgh, PA 15217 (US).

(74) RUGGIERO, Charles, N.J.; Ohlandt,
Greeley, Ruggiero & Perle, LLP, One Land-
mark 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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B01J

(11) WO 2004/096424 (13) A2

(21) PCT/US2004/010522

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/425,928 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PLASMA FUEL REFORMER HAVING
A SHAPED CATALYTIC SUBSTRATE

POSITIONED IN THE REACTION CHAMBER THEREOF AND METHOD FOR OPERATING THE SAME

- REFORMEUR DE COMBUSTIBLE AU PLASMA COMPORTANT UN SUBSTRAT CATALYTIQUE FORME POSITIONNÉE DANS LA CHAMBRE DE REACTION DE CELUI-CI ET SON PROCÉDE DE FONCTIONNEMENT

(71) ARVIN TECHNOLOGIES, INC. [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).

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

(72, 75) SMALING, Rudolf, M. [NL/US]; 3 Mudge Way, Bedford, MA 01730 (US).

(74) BAUER, Shawn, D.; Barnes & Thornburg LLP, 11 South Meridian Street, Indianapolis, IN 46204 (US).

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

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

(51)⁷ B01J

(11) WO 2004/096425 (13) A2

(21) PCT/US2004/012743

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,377 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SAND-FORMING APPARATUS

- APPAREIL DE FORMATION DE NOYAUX EN SABLE

(71) EQUIPMENT MERCHANTS INTERNATIONAL, INC. [US/US]; 1203 West 65 Street, Cleveland, OH 44102-2159 (US).

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

(72, 75) SENK, Gerald, B., Jr. [US/US]; 42021 Biggs Road, LaGrange, OH 44050 (US).
SIGL, Steven, J. [US/US]; 8730 Hendricks Road, Mentor, OH 44060 (US).

(74) MURPHY, Cynthia, S.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth 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).

(51)⁷ B01J 2/12

(11) WO 2004/096426 (13) A1

(21) PCT/RU2004/000128

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ru (26) ru

(30) 2003112883 30 Apr/avr 2003 RU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRUM GRANULATOR

- GRANULATEUR A TAMBOURS

(71) RESEARCH & DESIGN INSTITUTE OF UREA AND ORGANIC SYNTHESIS PRODUCTS, JOINT STOCK COMPANY (OAO NIIC) [RU/RU]; ul. Griboedova, 31, Dzerzhinsk, Nizhegorodskaya obl., 606008 (RU).

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

(72, 75) SOLDATOV, Aleksey Vladimirovich [RU/RU]; ul. Krasnoarmeiskaya, 28a-45, Dzerzhinsk, Nizhegorodskaya obl., 606022 (RU).
MIKHAYLOV, Yury Ivanovich [RU/RU]; ul. Tereshkovoi, 64a-19, Dzerzhinsk, Nizhegorodskaya obl., 606029 (RU).

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

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

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 SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B01J 3/03, F16J 15/46

(11) WO 2004/096427 (13) A1

(21) PCT/TR2004/000002

(22) 13 Jan/jan 2004 (13.01.2004)

(25) en (26) en

(30) 2003/00572 30 Apr/avr 2003 TR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUICK-CLOSING DOOR FOR PRESSURE VESSELS

- PORTE A FERMETURE RAPIDE POUR RECIPIENTS SOUS PRESSION

(71) SISTEM TEKNİK ENDUSTRIYEL ELEKTRONİK SIS. SAN. VE TİC.LTD.STİ. [TR/TR]; Des Sanayi Sitesi, 102.Sk. B06 Blok, 81260 Dudullu, Istanbul (TR).

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

(72, 75) OZDESLİK, Mehmet [TR/TR]; Des Sanayi Sitesi, 102.Sk. B06 Blok, 81260 Dudullu, Istanbul (TR).
SCHMETZ, Peter [DE/DE]; Mendener Ofenbau Und Hartereibedarf GmbH, Liszt Str. 7, 58706 Menden (DE).

(74) BASARAN, Cavit; Rasyonel Müessillik Danismanlik Tic.Ltd.Sti., Bestekar Sk. No: 72/5, Kavaklıdere 06680 Ankara (TR).

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

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

Published / Publiée : (a)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B01J 8/00, 8/06

(11) WO 2004/096428 (13) A1

(21) PCT/US2004/012390

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/465,171 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD AND APPARATUS FOR LOADING CATALYST
• PROCEDE ET APPAREIL DE CHARGEMENT DE CATALYSEUR

(71) CAT TECH, INC. [US/US]; 1149 Ellsworth, Suite 327, Pasadena, TX 77506 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BRENNOM, Stephen [US/US]; 1149 Ellsworth, Suite 327, Pasadena, TX 77506 (US).

(74) PATTERSON, William, B. et al. / etc.; 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 2004/096429 (13) A1

(21) PCT/JP2004/006064

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-126595 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR EFFECTING MUTUAL DISSOLUTION AND SEPARATION AT CONSTANT TEMPERATURE IN SOLVENT SET WHEREIN DISSOLVED STATE AND SEPARATED STATE CHANGE REVERSIBLY DEPENDING ON TEMPERATURE

• PROCEDE ET APPAREIL PERMETTANT DE REALISER UNE DISSOLUTION ET UNE SEPARATION MUTUELLES A TEMPERATURE CONSTANTE DANS UN ENSEMBLES DE SOLVANTS, L'ETAT DISSOUS ET L'ETAT SEPRE CHANGEANT DE MANIERE REVERSIBLE EN FONCTION DE LA TEMPERATURE

(71) TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY TLO CO., LTD. [JP/JP]; 2-24-16, Naka-cho, Koganei-shi, Tokyo 184-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHIBA, Kazuhiro [JP/JP]; c/o Agriculture Department, Tokyo University of Agriculture and Technology, 3-8-5, Saiwai-cho, Fuchu-shi, Tokyo 183-8509 (JP).

(74) OHNO, Seiji et al. / etc.; Ohno & Partners, Kasumigaseki Building 36F, 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6036 (JP).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/02

(11) WO 2004/096430 (13) A1

(21) PCT/GB2004/001775

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0301260-6 29 Apr/avr 2003 SE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REACTOR COATED WITH A POLYMER

• REACTOR COATED WITH A POLYMER

(71) ASTRAZENECAB AB [SE/SE]; Sodertalje, S-151 85 (SE).
(for all designated States except / pour tous les États désignés sauf MG US)

(71) ASTRAZENECAB UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).
(only for / seulement pour MG)

(72, 75) BURNS, Stephen, John [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). FLETCHER, Ian, Mark [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). METCALF, Stephen, Paul [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) ASTRAZENECAB; Global Intellectual Property, S-151 85 Sodertalje (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 B01J 19/12

(11) WO 2004/096431 (13) A1

(21) PCT/EP2004/002023

(22) 1 Mar/mar 2004 (01.03.2004)

(25) de (26) de

(30) 103 19 811.3 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR INJECTING ELECTROMAGNETIC RADIATION INTO A REACTOR

• DISPOSITIF POUR INJECTER UN RAYONNEMENT ELECTROMAGNETIQUE DANS UN REACTEUR

(71) UHDE GMBH [DE/DE]; Friedrich-Uhde-Strasse 15, 44141 Dortmund (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENJE, Michael [DE/DE]; Barkhausstrasse 6, 64289 Darmstadt (DE).

(74) ACKERMANN, Joachim; Postfach 11 13 26, 60048 Frankfurt (DE).

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

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

(51)⁷ B01J 19/12, 19/10, 35/02, C02F 1/32, 1/36, A23L 2/00, C12G 1/00, 3/00

(11) WO 2004/096432 (13) A1

(21) PCT/JP2004/005324

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-127451 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTIVE ANTISEPTIC WATER OR ACTIVE ANTISEPTIC WATER SYSTEM FLUID, AND METHOD AND DEVICE FOR PRODUCTION THE SAME

• EAU ANTISEPTIQUE ACTIVE OU FLUIDE DE SYSTEME D'EAU ANTISEPTIQUE ACTIVE, ET PROCEDE ET DISPOSITIF DE PRODUCTION DE CEUX-CI

(71) JAPAN TECHNO CO. LTD. [JP/JP]; 14-10, Kugahara 2-chome, Ota-ku, Tokyo, 1460085 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OMASA, Ryushin [JP/JP]; 28-11, Kataseyama 5-chome, Fujisawa-shi, Kanagawa, 2510033 (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 OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B01J 20/06, 20/30, C08L 101/00, 27/12,
29/14, C08K 3/22 // C01F 17/00

(11) WO 2004/096433 (13) A1

(21) PCT/JP2004/006091

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-126379 1 May/mai 2003 JP
(01.05.2003)

(30) 2003-271850 8 Jul/juil 2003 JP
(08.07.2003)

(30) 2004-108704 1 Apr/avr 2004 JP
(01.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADSORBENT AND PROCESS FOR
PRODUCING THE SAME
• ADSORBANT ET PROCEDE DE PRO-
DUCTION ASSOCIE

(71) SHIN NIHON SALT CO., LTD. [JP/JP];
7-17, Higashinihonbashi 3-chome, Chuo-ku,
Tokyo 1030004 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUROSAWA, Hiroaki [JP/JP]; c/o
Shin Nihon Salt Co., Ltd., 2-4, Aza Nagisa,
Onahama, Iwaki-shi, Fukushima 9718101
(JP). ITO, Haruhiko [JP/JP]; c/o Shin Nihon
Salt Co., Ltd., 2-4, Aza Nagisa, Onahama,
Iwaki-shi, Fukushima 9718101 (JP). YOT-
SUMOTO, Toshio [JP/JP]; c/o Shin Nihon
Salt Co., Ltd., 2-4, Aza Nagisa, Onahama,
Iwaki-shi, Fukushima 9718101 (JP).

(74) SAKAI, Masami et al. / etc.; Akasaka Office
Heights, 13-5, Akasaka 4-chome, Minato-ku,
Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ 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 B01J 20/34, 21/04, 21/08, 21/12, 23/16,
23/26, 38/04, 38/12, 38/14, 38/40

(11) WO 2004/096434 (13) A1

(21) PCT/US2003/009871

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATALYST ACTIVATION METHOD
AND ACTIVATED CATALYST
• PROCEDE D'ACTIVATION DE CATA-
LYSEUR ET CATALYSEUR ACTIVE

(71) EXXONMOBIL CHEMICAL PATENTS
INC. [US/US]; 5200 Bayway Drive, Bay-
town, TX 77520-2101 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TOWLES, Thomas, W. [US/US]; 1902
Rosenath Drive, Baton Rouge, LA 70806
(US).

(74) GRIFFIS, Andrew, B.; ExxonMobil Chem-
ical Company, P.O. Box 2149, Baytown, TX
77522-2149 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 23/34, B01D 53/86, B01J 37/03,
35/02, 23/656, 23/68

(11) WO 2004/096435 (13) A1

(21) PCT/GB2004/001839

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309752.4 29 Apr/avr 2003 GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MANGANESE OZONE DECOMPO-
SITION CATALYSTS AND PROCESS
FOR ITS PREPARATION
• CATALYSEURS DE DECOMPOSITION
DE L'OZONE AU MANGANESE ET
PROCEDE DE PREPARATION DE CES
DERNIERS

(71) JOHNSON MATTHEY PUBLIC LIM-
ITED COMPANY [GB/GB]; 2-4 Cockspur
Street, Trafalgar Square, London SW1Y 5BQ
(GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FISHER, Janet, Mary [GB/GB]; 14
Tithebarn Grove, Calcot, Reading RG31
7YX (GB). HUNTER, Hazel, Margaret,
Anne [GB/GB]; 37 High street, Brompton
PE28 4TG (GB). MORGAN, Christopher,
Cough [GB/GB]; 1 Cherry Drive, Royston

SG8 YDL (GB). THOMPSETT, David
[GB/GB]; 53 Highmoor Road, Caversham,
Reading RG4 7BQ (GB).

(74) NUNN, Andrew, Dominic; Johnson
Matthey Technology Centre, Blounts Court,
Sonning Common, Reading RG4 9NH (GB).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 23/89, B01D 53/86

(11) WO 2004/096436 (13) A1

(21) PCT/JP2004/006311

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-127146 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATALYST MATERIAL COMPRISING
TRANSITION METAL OXIDE
• MATERIAU CATALYSEUR COMPRE-
NANT UN OXYDE DE METAL DE
TRANSITION

(71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY [JP/JP]; 3-1, Ka-
sumigaseki 1-chome, Chiyoda-ku, Tokyo
100-8921 (JP). SFC CO., LTD. [JP/JP];
Yokohama Joho Bunka Center 12F, 11,
Nihon Odori, Naka-ku, Yokohama-shi,
Kanagawa 231-0021 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IKEDA, Shinichi [JP/JP]; c/o Na-
tional Institute of Advanced, Industrial
Science and Technology, 1-1-1, Ume-
zono, Tsukuba-shi, Ibaraki 305-8568 (JP).
YOSHIDA, Yoshiyuki [JP/JP]; c/o National
Institute of Advanced, Industrial Science and
Technology, 1-1-1, Umezono, Tsukuba-shi,
Ibaraki 305-8568 (JP). UMEYAMA, Norio
[JP/JP]; c/o National Institute of Advanced,
Industrial Science and Technology, 1-1-1,
Umezono, Tsukuba-shi, Ibaraki 305-8568
(JP). ABE, Hideo [JP/JP]; c/o Techno Center,
SFC Co., Ltd., 2-61-2, Shinmei-cho, Sai-
wai-ku, Kawasaki-shi, Kanagawa 212-0022
(JP). TANAKA, Yasuhito [JP/JP]; c/o
Techno Center, SFC Co., Ltd., 2-61-2,
Shinmei-cho, Saiwai-ku, Kawasaki-shi,
Kanagawa 212-0022 (JP). OGASAWARA,
Ariyoshi [JP/JP]; c/o SFC Co., Ltd., Yoko-
hama Joho Bunka Center 12F, 11, Nihon
Odori, Naka-ku, Yokohama-shi, Kanagawa
231-0021 (JP).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 27/185, 27/18, 23/755, C01B 3/26

(11) WO 2004/096437 (13) A1

(21) PCT/US2003/010068

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOW COKE FORMATION CATALYSTS AND PROCESS FOR REFORMING AND SYNTHESIS GAS PRODUCTION

• CATALYSEURS A FAIBLE FORMATION DE COKE ET PROCEDE DE REFORMAGE ET DE PRODUCTION DE GAZ DE SYNTHESE

(71) UOP LLC [US/US]; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

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

(72, 75) LEWIS, Gregory, J. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). BAUER, John, E. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(74) UOP LLC; John G. Tolomei, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

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

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

(51)⁷ B01J 29/00, C01B 39/00

(11) WO 2004/096438 (13) A1

(21) PCT/US2004/012460

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/422,541 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF TREATING ZEOLITE

• PROCEDE POUR TRAITER LA ZEO-LITE

(71) ABB LUMMUS GLOBAL INC. [US/US]; 1515 Broad Street, Bloomfield, NJ 07003 (US).

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

(72) YEH, Chuen, Y.; 15 Stratford Circle, Edison, NJ 08820 (US). GAO, Xingtao; 17 Ventnor Drive, Edison, NJ 08820 (US). CORMIER, William, E.; 2044 Hollis Road, Lansdale, PA 19446 (US). PASQUALE, Gary, M.; 624 Whittaker Place, Lansdale, PA 19446 (US).

(74) CALDERONE, Adrian, T. et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).

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

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

Published / Publiée : (c)

(51)⁷ B01J 29/40, 27/16, 21/08, C10G 11/05

(11) WO 2004/096439 (13) A1

(21) PCT/US2003/009564

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPHERICAL CATALYSTS TO CONVERT HYDROCARBONS TO LIGHT OLEFINS

• CATALYSEURS SPHERIQUES POUR LA CONVERSION D'HYDROCARBURES EN OLEFINES LEGERES

(71) UOP LLC [US/US]; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

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

(72, 75) VOSKOBOYNIKOV, Timur, V. [RU/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). QUICK, Michael, H. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). PUJADO, Peter, R. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). VORA, Bipin, V. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(74) UOP LLC; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

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

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

(51)⁷ B01J 31/34, C07B 61/00, C07D 301/12, 303/31

(11) WO 2004/096440 (13) A1

(21) PCT/JP2004/005723

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-123694 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-279438 24 Jul/juil 2003 JP (24.07.2003)

(30) 2004-044040 20 Feb/fév 2004 JP (20.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HETEROGENEOUS CATALYST AND PROCESS FOR PRODUCING OXIRANE COMPOUND WITH THE CATALYST

• CATALYSEUR HETEROGENE ET PROCEDE DE PRODUCTION D'UN COMPOSE D'OXIRANE AU MOYEN DE CE CATALYSEUR

(71) NISSAN CHEMICAL INDUSTRIES LTD. [JP/JP]; 7-1, Kandanishiki-cho 3-chome, Chiyoda-ku, Tokyo 1010054 (JP).

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

(72, 75) WATANABE, Hisayuki [JP/JP]; c/o Nissan Chemical Industries, Ltd. Chemical Research Laboratories 722-1, Tsuboi-cho, Funabashi-shi, Chiba 2748507 (JP). SARUHASHI, Kowichiro [JP/JP]; c/o Nissan Chemical Industries, Ltd. Chemical Research Laboratories 722-1, Tsuboi-cho, Funabashi-shi, Chiba 2748507 (JP).

(74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office Shin-Ochanomizu Urban Trinity 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, C02F 1/32, 1/72

(11) WO 2004/096441 (13) A1

(21) PCT/JP2004/005297

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-113964 18 Apr/avr 2003 JP
(18.04.2003)

(30) 2004-6205 14 Jan/jan 2004 JP
(14.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PHOTOCATALYST MODULE,
METHOD OF MANUFACTURING
THE SAME, AND CLEANING TREAT-
MENT APPARATUS FOR WATER TO
BE TREATED
- MODULE DE PHOTOCATALYSEUR,
PROCEDE DE FABRICATION DE CE
MODULE ET APPAREIL DE TRAITE-
MENT DE NETTOYAGE DESTINE A
L'EAU A TRAITER

(71) LIZER INDUSTRY CO., LTD. [JP/JP];
16-3, Komazawa 3-chome, Setagaya-ku,
Tokyo 154-0012 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMAGATA, Koji [JP/JP]; c/o Lizer In-
dustry Co., Ltd., 16-3, Komazawa 3-chome,
Setagaya-ku, Tokyo 154-0012 (JP).

(74) TANAKA, Akio; 56-3, Higashiikebukuro
2-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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 B01J 37/02, 29/82

(11) WO 2004/096442 (13) A1

(21) PCT/ES2004/000187

(22) 29 Apr/avr 2004 (29.04.2004)

(25) es (26) es

(30) P200300994 30 Apr/avr 2003 ES
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR THE CHEMICAL BIND-
ING OF HOMOGENOUS CATALYSTS
TO INORGANIC SOLID SUPPORTS,
PRODUCTS THUS OBTAINED AND
APPLICATIONS OF SAME
- PROCEDE DE FIXATION CHIMIQUE
DE CATALYSEURS HOMOGENES A
SUPPORTS SOLIDES MINERAUX,
PRODUITS OBTENUS ET APPLICA-
TIONS DE CEUX-CI

(71) UNIVERSIDAD DE CÓRDOBA [ES/ES];
Rectorado, Alfonso XIII, 13, E-14071 Cór-
doba (ES). UNIVERSITAT DE GIRONA
[ES/ES]; Plaça Sant Domènec, Edifici Les
Àligues, E-17071 Girona (ES).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LUNA MARTÍNEZ, Diego [ES/ES];
Dpto. Química Orgánica, Campus Rabanales,
Edificio Marie Curie, Ctra. Madrid, km 396,
E-14071 Córdoba (ES). BAUTISTA RU-
BIO, Felipa María [ES/ES]; Dpto. Química
Orgánica, Campus Rabanales, Edificio Marie
Curie, Ctra. Madrid, km 396, E-14071
Córdoba (ES). GARCÍA COLETO, Ángel
[ES/ES]; Dpto. Química Orgánica, Dpto.
Química Orgánica, Campus Rabanales,
Edificio Marie Curie, Ctra. Madrid, km
396, E-14071 Córdoba (ES). CAMPELO
PÉREZ, Juan Manuel [ES/ES]; Dpto.
Química Orgánica, Campus Rabanales, Ed-
ificio Marie Curie, Ctra. Madrid, km 396,
E-14071 Córdoba (ES). MARINAS RU-
BIO, José María [ES/ES]; Dpto. Química
Orgánica. Universidad de Córdoba., Cam-
pus Rabanales, Edificio Marie Curie, Ctra.
Madrid, km 396, E-14071 Córdoba (ES).
ROMERO REYES, Antonio Ángel
[ES/ES]; Dpto. Química Orgánica, Cam-
pus Rabanales, Edificio Marie Curie, Ctra.
Madrid, km 396, E-14071 Córdoba (ES).
LLOBET DALMASES, Antoni [ES/ES];
Departament de Química. Universitat de
Girona., Facultat de Ciències, Campus de
Montilivi, E-17071 Girona (ES). ROMERO
GARCÍA, Isabel [ES/ES]; Departament de
Química. Universitat de Girona., Facultat
de Ciències, Campus de Montilivi, E-17071
Girona (ES). SERRANO NÚÑEZ, Isabel
[ES/ES]; Departament de Química. Universi-
tat de Girona., Facultat de Ciències, Campus
de Montilivi, E-17071 Girona (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 B01L 3/00, C12Q 1/68, G01N 1/28

(11) WO 2004/096443 (13) A1

(21) PCT/EP2004/004125

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10319045.7 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • DEVICE AND METHOD FOR THE
PREPARATION OF ANALYTE COM-
PRISING LIQUIDS
- DISPOSITIF ET PROCEDE DE PRE-
PARATION DE LIQUIDES COMPRE-
NANT UNE SUBSTANCE A ANALY-
SER

(71) NOVEMBER AKTIENGE-
SELLSCHAFT GESELLSCHAFT FÜR
MOLEKULARE MEDIZIN [DE/DE];
Ulrich-Schalk-Str. 3 a, 91056 Erlangen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BARTEN, Roland [DE/DE]; Fröbelstr.
19, 91058 Erlangen (DE). KRAUSE, Jür-
gen [DE/DE]; Jakob-Herz-Weg 32, 91052 Er-
langen (DE). KOSAK, Hans [DE/DE]; Von-
Witzleben-Str. 23, 53123 Bonn (DE).

(74) GASSNER, Wolfgang; Nägelsbachstr. 49
A, 91052 Erlangen (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 27/447

(11) WO 2004/096444 (13) A1

(21) PCT/EP2004/004346

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 10318864.9 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • MICROFLUIDIC DEVICE FOR THE
CONTROLLED INTRODUCTION OF A
FLUID INTO A DUCT
- DISPOSITIF MICROFLUIDIQUE DES-
TINE A L'INTRODUCTION COMMAN-
DEE D'UN FLUIDE DANS UN CANAL

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HERGENRÖDER, Roland [DE/DE];
Immermannstr.35, 44147 Dortmund (DE).
JACOB, Peter [DE/DE]; Scharnhorststr. 51,
44147 Dortmund (DE). PFISTER, Markus
[DE/DE]; Schillerstr. 55, 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B05B

(11) WO 2004/096445 (13) A2

(21) PCT/US2004/012822

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/423,576 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INDUCING AIR
• INDUCTION D'AIR(71) AEROSYNTHESIS, LLC [US/US]; 645 Westfield Street, West Springfield, MA 01089 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOKTADER, Mohammed [US/US]; 645 Westfield Street, Apartment #2, West Springfield, MA 01089 (US). ADIL, Zahir [US/US]; 3 Hallmark Gardens, Apt.1, Burlington, MA 01803 (US).

(74) FEIGENBAUM, David, 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 B05B 7/00

(11) WO 2004/096446 (13) A1

(21) PCT/RU2004/000109

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ru (26) ru

(30) 2003110996 27 Apr/avr 2003 RU
(27.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING A GAS-DROPLET JET STREAM AND DEVICE FOR CARRYING OUT SAID METHOD
• PROCEDE DE GENERATION D'UN JET DE GOUTTELETTES GAZEUSES ET DISPOSITIF PERMETTANT SA MISE EN OEUVRE(71) ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "SILEN" [RU/RU]; 3-ty Golutvinsky pereulok, 10-6, Moscow, 119180 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEPESHINSKY, Igor Aleksandrovich [RU/RU]; Leningradskoe shosse, 132-24, Moscow, 125445 (RU).

(74) SHIROKOVA, Tatyana Konstantinovna; ul. Pervomaiskaya, 66-135, Moscow, 105554 (RU).

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

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

(11) WO 2004/096447 (13) A2

(21) PCT/US2004/011591

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/466,365 29 Apr/avr 2003 US
(29.04.2003)(30) 10/821,686 9 Apr/avr 2004 US
(09.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HAND-HELD SELF-DISPENSING APPLICATOR
• APPLICATEUR DISTRIBUTEUR A TENUE MANUELLE

(71, 72) FULLER, Douglas, D. [US/US]; 68 Woodwells Garrison Road, Contoocook, NH 03229 (US).

(74) MALONEY, Neil, F. et al. / etc.; P.O. Box 3445, Nashua, NH 03061-3445 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/10, B65G 49/02, C25D 13/22

(11) WO 2004/096448 (13) A1

(21) PCT/EP2004/004319

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 10318933.5 26 Apr/avr 2003 DE
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRODEPOSITION PAINTING METHOD AND THROUGHFLOW SYSTEM FOR CARRYING OUT SAID METHOD
• PROCEDE DE PEINTURE ELECTROPHORETICQUE PAR IMMERSION ET DISPOSITIF DE PASSAGE DESTINE

A LA MISE EN OEUVRE DE CE PROCEDE

(71) BASF COATINGS AG [DE/DE]; Glasuritstr. 1, 48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARTUNG, Michael [DE/DE]; Zu den Drei Linden 1a, 59590 Geseke (DE). SCHULTE, Rolf [DE/DE]; Pferdekampsheide 65, 48329 Havixbeck (DE). CRAMER, Edwin [DE/DE]; Am Dornbusch 40, 48163 Münster (DE). KREIENBAUM, Thomas [DE/DE]; Fichtenweg 3, 48565 Steinfurt (DE).

(74) FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratingen (DE).

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

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

(51)⁷ B05C 5/00

(11) WO 2004/096449 (13) A1

(21) PCT/JP2004/005011

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-121394 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIQUID DROPLET JET DEVICE USING CHARGED PARTICLE BEAM AND METHOD FOR FORMING PATTERN USING THE DEVICE

• DISPOSITIF A JET DE GOUTTELETTES UTILISANT UN FAISCEAU DE PARTICULES CHARGEES ET PROCEDE DE FORMATION DE MOTIFS AU MOYEN DE CE DISPOSITIF

(71) SEMICONDUCTOR ENERGY LABORATORY CO. LTD. [JP/JP]; 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IMAI, Keitaro [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). YAMAZAKI, Shunpei [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

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

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

(51)⁷ B05D 1/00, 1/02, 3/02, H01M 8/10

(11) WO 2004/096450 (13) A2

(21) PCT/JP2004/006347

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003-126499 1 May/mai 2003 JP (01.05.2003)

(30) 2004-116661 12 Apr/avr 2004 JP (12.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF APPLYING AND DRYING LIQUID

• PROCEDE D'APPLICATION ET DE SECHAGE D'UN LIQUIDE

(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, Ohio, 441451119 (US).

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

(72, 75) MATSUNAGA, Masafumi [JP/JP]; c/o Nordson Kabushiki Kaisha, Toshin Building 8 Floor, 5-21, Katsushima 1-chome, Shinagawa-ku, Tokyo, 1400012 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

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

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

(51)⁷ B05D 1/26, 3/04, B05C 5/00, 9/10, H01L 21/027, 21/3205, 21/288, 21/30, 21/288

(11) WO 2004/096451 (13) A1

(21) PCT/JP2004/005391

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-120949 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR FORMING PATTERN AND DROPLET DISCHARGING DEVICE

• PROCEDE PERMETTANT DE FORMER UN MOTIF ET DISPOSITIF DE DECHARGE DE GOUTTELETTES

(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD. [JP/JP]; 398, Hase Atsugi-shi, Kanagawa 2430036 (JP).

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

(72, 75) MAEKAWA, Shinji [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase Atsugi-shi, Kanagawa 2430036 (JP). YAMAZAKI, Shunpei [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase Atsugi-shi, Kanagawa 2430036 (JP).

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

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

(51)⁷ B05D 3/00, B05C 11/00, G01J 3/46

(11) WO 2004/096452 (13) A1

(21) PCT/JP2004/005809

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-125466 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COATING FILM UNEVENNESS PREDICTING METHOD, COATING FILM UNEVENNESS PREDICTING PROGRAM, COMPUTER-READABLE STORAGE MEDIUM, AND COATING FILM UNEVENNESS PREDICTING DEVICE

• PROCEDE DE PREDICTION DE L'IRREGULARITE D'UN FILM DE REVETEMENT, PROGRAMME DE PREDICTION DE L'IRREGULARITE D'UN FILM DE REVETEMENT, SUPPORT DE STOCKAGE POUVANT ETRE LU PAR ORDINATEUR, ET DISPOSITIF DE PREDICTION DE L'IRREGULARITE D'UN FILM DE REVETEMENT

(71) NIPPON PAINT CO. LTD. [JP/JP]; 2-1-2, Oyodokita, Kita-Ku, Osaka-Shi, Osaka, 5318511 (JP).

(72) NONOGAKI, Yoshihiro; 2-99, Nozomigaoka, Handa-Shi, Aichi, 4750019 (JP). ASABA, Takao; 1-14-5-104, Chidori, Ota-Ku, Tokyo, 1460083 (JP).

(74) ITOH, Tadahiko.; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-Chome, Shibuya-Ku, Tokyo, 1506032 (JP).

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

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

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

Published / Publiée : (c)

(51)⁷ B07B 1/48

(11) WO 2004/096453 (13) A2

(21) PCT/GB2004/001936

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/429,233 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREEN ASSEMBLY FOR A VIBRATORY SEPARATOR

• ENSEMBLE TAMIS POUR SEPARATEUR A VIBRATIONS

(71) VARCO I/P INC. [US/US]; One BriarLake Plaza, 2000 West Sam Houston Parkway South, Suite 1700, Houston, TX 77042 (US). LUCAS, Brian [GB/GB]; Lucas & Co., 135 Westhall Road, Warlingham Surrey CR6 9HJ (GB).

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

(72, 75) WARD, Kerry [US/US]; 13527 Post Oak Glen Lane, Cypress, TX 77429 (US). LEONE, Vincent [US/US]; 13603 Champions Centre Drive, Houston, TX 77069 (US). GRICHAR, Charles [US/US]; 303 Grace-land, Houston, TX 77009 (US). SCHULTE David, Jr. [US/US]; 101 Antietam Avenue, Broussard, LA 70518 (US). SEYFFERT, Kenneth [US/US]; 1019 LaMonte Lane, Houston, TX 77018 (US). LARGENT, David [US/US]; Route 4, Box 1017M, Cleveland, TX 77327 (US). WALKER, Jeffrey, Earl [US/US]; 12310 Ballina Canyon Court, Houston, TX 77041 (US). ADAMS, Thomas, Cole [US/US]; 27306 Teepee Trail, Hockley, TX 77447 (US). MCCLUNG, Guy, III [US/US]; 8002 Hertfordshire Circle, Spring, TX 77379 (US).

(74) LUCAS, Brian; Lucas & Co., 135 Westhall Road, Warlingham 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).

(51)⁷ B07C 1/06, B65H 29/12

(11) WO 2004/096454 (13) A1

(21) PCT/EP2004/003147

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 19 723.0 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR ORIENTING FLAT ITEMS OF MAIL TOWARDS A NARROW EDGE

• PROCEDE ET DISPOSITIF POUR ALIGNER DES ENVOIS PLATS SUR UN COTE ETROIT

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

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

(72, 75) SCHWARZBAUER, Michael [DE/DE]; Stifterstrasse 47, 78467 Konstanz (DE). VOGEL, Rainer [DE/DE]; In der Gebhardsösch 46, 78467 Konstanz (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 B07C 5/10, 5/342, 5/12

(11) WO 2004/096455 (13) A1

(21) PCT/DK2004/000272

(22) 17 Apr/avr 2004 (17.04.2004)

(25) da (26) en

(30) PA 2003 00636 28 Apr/avr 2003 DK (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF SORTING PAVING STONES

• PROCEDE DE TRI DE PAVES

(71) KVM INDUSTRIMASKINER A/S [DK/DK]; Industrivej 22, DK-8620 Kjellerup (DK).

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

(72, 75) HANSEN, Erik, Spangenberg [DK/DK]; Kirkegade 10, DK-8740 Brædstrup (DK). ANDERSEN, Kjeld [DK/DK]; Bjergfyren 7, DK-8620 Kjellerup (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

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

(51)⁷ B09B

(11) WO 2004/096456 (13) A2

(21) PCT/US2004/012343

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,313 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD TO RECAPTURE ENERGY FROM ORGANIC WASTE

• PROCEDE POUR RECUPERER DE L'ENERGIE A PARTIR DE DECHETS ORGANIQUES

(71) CATO RESEARCH CORPORATION [US/US]; 1118 Maple Street, Golden, CO 80401 (US).

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

(72) KRUESI, Paul, R.; 1118 Maple Street, Golden, CO 80401 (US).

(74) TRAVER, Robert, D. 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/08

(11) WO 2004/096457 (13) A1

(21) PCT/KR2004/001000

(22) 29 Apr/avr 2004 (29.04.2004)

(25) ko (26) en

(30) 10-2003-0027963 1 May/mai 2003 KR (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTRU-ROLLING DEVICE AND METHOD OF METAL PLATE MULTI-CELL HOLLOW TUBE

• DISPOSITIF DE LAMINAGE-EXTRUSION ET PROCEDE PERMETTANT DE PRODUIRE UN TUBE CREUX A COMPARTEMENTS MULTIPLES FORME A PARTIR DE PLAQUES METALLIQUES

(71, 72) AN, Youngae [KR/KR]; NAMSAN TOWER 2nd. APT. 802, NAM-KU DAEYEUN5-DONG 1509-4, BUSAN 608-818 (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 B21B 31/07

(11) WO 2004/096458 (13) A1

(21) PCT/DE2004/000923

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 20 687.6 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROLLER BEARING COMPRISING A RETAINING RING CONNECTED VIA AN ADJUSTING RING, THE RETAINING RING BEING MADE OF A BAYONET RING

• PALIER DE LAMINOIR COMPORTANT UN ANNEAU DE MAINTIEN RELIE PAR L'INTERMEDIAIRE D'ANNEAUX DE REGLAGE, COMPOSE D'UN ANNEAU A BAIONNETTE

(71) SMS DEMAG AG [DE/DE]; Eduard-Schloemann-Str. 4, 40237 Düsseldorf (DE). THYSSENKRUPP STAHL AG [DE/DE]; Kaiser-Wilhelm-Str. 100, 47166 Duisburg (DE).

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

(72, 75) TIEPELMANN, Bernd [DE/DE]; Schleppbahn 7, 57271 Hilchenbach (DE). OEMKES, Horst [DE/DE]; Arndtstr. 40, 46047 Oberhausen (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 DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B21C 23/00, 23/14, B23K 20/12, F17C 1/14, H01M 8/04

(11) WO 2004/096459 (13) A1

(21) PCT/JP2004/005817

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003-121286 25 Apr/avr 2003 JP (25.04.2003)

(30) 2003-121297 **25 Apr/avr 2003** JP
(**25.04.2003**)

(30) 60/469,023 **9 May/mai 2003** US
(**09.05.2003**)

(30) 60/469,002 **9 May/mai 2003** US
(**09.05.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TUBULAR METAL BODY, METHOD OF PRODUCING SAME, LINER FOR PRESSURE VESSEL AND METHOD OF PRODUCING SAME

• CORPS METALLIQUE TUBULAIRE, PROCEDE DE FABRICATION ASSOCIE, REVETEMENT POUR APPAREIL A PRESSION, ET PROCEDE DE FABRICATION ASSOCIE

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 1058518 (JP). HONDA MOTOR CO., LTD. [JP/JP]; 2-1-1, Minami Aoyama, Minato-ku, Tokyo 107-8556 (JP).

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

(72, 75) OSAME, Yasuhiro [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 ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/04

(11) WO 2004/096460 (13) A1

(21) PCT/DK2003/000274

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A PUNCH FOR EXTRUSION PROCESSES AND A PRODUCT PRODUCED BY USE OF SUCH PUNCH

• POINÇON POUR PROCESSUS D'EXTRUSION ET PRODUIT ENGENDRE PAR L'UTILISATION DE CE POINÇON

(71) AALBORG UNIVERSITET [DK/DK]; Frederik Bajers Vej 5, DK-9100 Aalborg Ø (DK).

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

(72, 75) DANCKERT, Joachim [DK/DK]; Kong Christians Allé 63, DK-9000 Aalborg (DK).

(74) PLOUGMANN & VINGTOFT A/S; Sundkrogsgade 9, Post Office Box 831, DK-2100 Copenhagen Ø (DK).

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

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

(51)⁷ B21D 1/06

(11) WO 2004/096461 (13) A1

(21) PCT/EP2004/004446

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 20 512.8 **28 Apr/avr 2003** DE
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR THE REMOVAL OF DENTS

• DISPOSITIF D'ELIMINATION DE BOSSES

(71) ADOLF WÜRTH GMBH & CO. KG [DE/DE]; Reinhold-Würth-Strasse 12-16, 74653 Künzelsau (DE).

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

(72, 75) RITTER, Olaf [DE/DE]; Hintere Strasse 15, 74670 Ernsbach (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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B21D 5/12

(11) WO 2004/096462 (13) A1

(21) PCT/EP2004/001164

(22) 6 Feb/fév 2004 (06.02.2004)

(25) de (26) de

(30) 03009555.8 **28 Apr/avr 2003** EP
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROLL FORMING DEVICE FOR ROLL FORMING SHEET METAL STRIPS AND ROLL SEGMENT FOR A ROLL FORMING DEVICE OF THIS TYPE

• DISPOSITIF DE ROULAGE POUR ROULER DES BANDES DE TOLE ET SEGMENT DE ROULEAU ASSOCIE

(71) CORUS BAUSYSTEME GMBH [DE/DE]; August-Horch-Strasse 20-22, 56070 Koblenz (DE).

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

(72, 75) DÖHREN, Hans-Jürgen [DE/DE]; Krükenmorgen 16, 55452 Guldental (DE).

(74) VAN DER DONK, Henricus, Matheus; Corus Technology BV, P.O. Box 10000, NL-1970 CA Ijmuiden (NL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 22/10

(11) WO 2004/096463 (13) A1

(21) PCT/US2003/025572

(22) 14 Aug/août 2003 (14.08.2003)

(25) en (26) en

(30) 10/425,102 **28 Apr/avr 2003** US
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ISOSTATIC PRESS AND PROCESS OF USING SAME

• PRESSE ISOSTATIQUE ET PROCEDE D'UTILISATION CORRESPONDANT

(71) SNAP-TITE TECHNOLOGIES, INC. [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

(72) QUINT, Marc; 7525 Wellcana Drive, Fairview, PA 16415 (US).

(74) MITCHELL, Kenneth, L. et al. / etc.; Woodling, Krost and Rust, 9213 Chillicothe Road, Kirtland, OH 44094 (US).

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

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ B21D 28/34

(11) WO 2004/096464 (13) A1

(21) PCT/JP2004/005668

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125309 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PUNCH FOR THIN-PLATE METAL AND PUNCH DEVICE FOR THIN-PLATE METAL WITH THE PUNCH

• POINCON POUR METAL A PLAQUE MINCE ET DISPOSITIF POINCON POUR METAL A PLAQUE MINCE UTILISANT LE POINCON

(71) ONES CO., LTD. [JP/JP]; 2-32, Miyajimaguchi 4-chome, Ohno-cho, Sacki-gun, Hiroshima 7390411 (JP). OILES CORPORATION [JP/JP]; 3-2, Shibadaimon 1-chome, Minato-ku, Tokyo 1058584 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OISHI, Masatoshi [JP/JP]; 2-32, Miyajimaguchi 4-chome, Ohno-cho, Sacki-gun, Hiroshima 7390411 (JP). UEMURA, Yukiharu [JP/JP]; c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa 2520811 (JP). TSUJI, Hiroshi [JP/JP]; c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa 2520811 (JP).

(74) TAKADA, Takeshi; 3rd Floor, Hanabusa Building, 12-6, Minamiaoyama 5-chome, Minato-ku, Tokyo 1070062 (JP).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/08, A61B 17/06

(11) WO 2004/096465 (13) A1

(21) PCT/EP2004/050565

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 03101163.8 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE AND METHODS FOR CRIMPING SEAMED MATERIAL

• DISPOSITIF ET PROCÉDES DE SERTISSAGE DE MATIÈRE NAHTMATERIAL

(71) SINUSPOINT AG [CH/CH]; Hofackerstrasse 210, P.O. Box 111, CH-4716 Welschenrohr (CH).

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

(72, 75) BRAUN, Peter [CH/CH]; Fiechtlerstrasse 13, CH-4524 Günsberg (CH). FINK, Heinz [CH/CH]; Rue du Stand 8, CH-2740 Moutier (CH). SATTLE, Frank [DE/CH]; Bahnweg 11, CH-4514 Lommiswil (CH).

(74) SAAM, Christophe; Patents & Technology Surveys SA, Rue des Terreaux 7, Case Postale 2848, CH-2001 Neuchâtel (CH).

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

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

(51)⁷ B22D 17/00

(11) WO 2004/096466 (13) A1

(21) PCT/US2004/010624

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/422,333 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEMI-SOLID MOLDING APPARATUS AND METHOD

• APPAREIL ET PROCÉDÉ DE MOULAGE À L'ÉTAT SEMI-SOLIDE

(71) THT PRESSES INC. [US/US]; 7475 Webster Street, Dayton, OH 45414 (US).

(72) KAMM, Richard, J.; 879 Bolton Abbey Lane, Vandalia, OH 45377 (US). JORSTAD, John, L.; 9112 Donora Drive, Richmond, VA 23229 (US).

(74) MECKSTROTH, Alan, F. et al. / etc.; Jaccox, Meckstroth & Jenkins, 2310 Far Hills Building, Dayton, OH 45419-1575 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 B22D 41/00, 46/00

(11) WO 2004/096467 (13) A1

(21) PCT/DE2004/000587

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 19 495.9 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING PARTS FOR GAS TURBINES

• PROCÉDE POUR PRODUIRE DES PIÈCES DESTINÉES À DES TURBINES À 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) BAMBERG, Joachim [DE/DE]; Augustenfelderstrasse 18, 85221 Dachau (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).

Published / Publiée : (c)

(51)⁷ B22F 7/00

(11) WO 2004/096468 (13) A1

(21) PCT/JP2003/005496

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITE ROD AND PRODUCTION METHOD THEREFOR AND ARC WELDING CONTACT TIP AND RESISTANCE WELDING ELECTRODE COMPRISING THE COMPOSITE ROD

• BARRE COMPOSITE ET SON PROCÉDE DE FABRICATION ET EXTREMITÉ DE CONTACT DE SOUDURE À L'ARC ET ELECTRODE DE SOUDURE A RESISTANCE COMPRENANT LA BARRE COMPOSITE

(71) KANSAI PIPE INDUSTRIES, LTD. [JP/JP]; 4-8-4, Kamikita, Hirano-ku, Osaka 547-0001 (JP).

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

(72, 75) ISEJIMA, Tsuyoshi [JP/JP]; c/o KANSAI PIPE INDUSTRIES, LTD., 4-8-4, Kamikita, Hirano-ku, Osaka-shi, Osaka 547-0001 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o KISHIMOTO & CO., 3rd Floor, Inaba Building,

- 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B22F 9/02, 9/00, 1/00**
- (11) **WO 2004/096469** (13) A1
- (21) PCT/SG2004/000112
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 60/466,053 **29 Apr/avr 2003** US **(29.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METAL POWDER COMPOSITION
• COMPOSITION DE POUDRES METALLIQUES
- (71) NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore_119260 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LU, Li [SG/SG]; Blk 112, Bukit Batok West Ave. 6, #05-160, Singapore 650112 (SG). FUH, Ying, Hsi, Jerry [US/SG]; 107 Clementi Road, #05-08, Singapore 129790 (SG). WONG, Yoke, San [SG/SG]; 15 Clementi Road, Singapore 129744 (SG). LOH, Han, Tong [SG/SG]; 2 Watten Drive, Singapore 287638 (SG). ZHU, Haihong [CN/CN]; G5-14-04, Huazhong University of Science and Technology, Wuhan, Hubei (CN). TANG, Yaxin [CN/SG]; 5 Simei Street 4, #05-05, Singapore 529863 (SG). WANG, Xinhua [CN/SG]; Blk 904, #07-135, Jurong West St. 91, Singapore 640904 (SG).
- (74) ELLA CHEONG SPRUSON & FERGUSON (SINGAPORE) PTE LTD; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (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 **B22F 9/24, H01B 1/22, 13/00**
- (11) **WO 2004/096470** (13) A1
- (21) PCT/JP2004/006053
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) ja (26) ja
- (30) 2003-123063 **28 Apr/avr 2003** JP **(28.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR PREPARING LIQUID COLLOIDAL DISPERSION OF SILVER PARTICLES, LIQUID COLLOIDAL DISPERSION OF SILVER PARTICLES, AND SILVER CONDUCTIVE FILM
• PROCEDE DE PREPARATION D'UNE DISPERSION COLLOIDALE LIQUIDE DE PARTICULES D'ARGENT, LADITE DISPERSION ET FILM CONDUCTEUR EN ARGENT
- (71) SUMITOMO METAL MINING CO., LTD. [JP/JP]; 5-11-3, Shinbashi, Minato-ku, Tokyo 1058716 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATO, Kenji [JP/JP]; c/o Ichikawa Research Laboratory, SUMITOMO METAL MINING CO., LTD., 3-18-5, Nakakokubun, Ichikawa-shi, Chiba 2728588 (JP). YUKI-NOBU, Masaya [JP/JP]; c/o Ichikawa Research Laboratory, SUMITOMO METAL MINING CO., LTD., 3-18-5, Nakakokubun, Ichikawa-shi, Chiba 2728588 (JP).
- (74) UEDA, Shozo; Room 901, 25-Sankyo Bldg., 1-48-10, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B23B**
- (11) **WO 2004/096471** (13) A2
- (21) PCT/US2004/012647
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 60/465,506 **25 Apr/avr 2003** US **(25.04.2003)**
- (30) 10/831,391 **23 Apr/avr 2004** US **(23.04.2004)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DAMAGED BOLT AND SCREW REMOVING DEVICES
• DISPOSITIFS D'EXTRACTION DE BOULONS ET DE VIS ENDOMMAGES
- (71, 72) KOZAK, Burton [US/US]; 1300 N. Lake Shore Drive #28C, Chicago, IL 60610 (US).

- (72, 75) KOZAK, Ira [US/US]; 4642 West Schubert Avenue, Chicago, IL 60639 (US).
- (74) CHERSKOV, Michael, J.; Cherskov & Flaynik, 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 **B23B 3/26, B29C 47/06, A61F 13/15**
- (11) **WO 2004/096472** (13) A1
- (21) PCT/US2004/012145
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 10/422,703 **24 Apr/avr 2003** US **(24.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ABSORBENT ARTICLE WITH ENHANCED COOLING
• ARTICLE ABSORBANT A REFROIDISSEMENT RENFORCE
- (71) TREDEGAR FILM PRODUCTS CORPORATION [US/US]; 1100 Boulders Parkway, Richmond, VA 23225 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THOMAS, Paul, Eugene [US/US]; 8000 McDaniel Road, Terre Haute, IN 47802-5066 (US).
- (74) MUSSELMAN, Weston, P.; 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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, C23C 14/48**
- (11) **WO 2004/096473** (13) A1
- (21) PCT/JP2004/006142
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) ja (26) ja

(30) 2003-123418 **28 Apr/avr 2003** JP
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH-SPEED WORKING TOOL
• OUTIL FONCTIONNANT A GRANDE VITESSE

(71) **TOUDAI TLO, LTD.** [JP/JP]; 3-1, Hongo 7-chome, Chiyoda-ku, Tokyo 1130033 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71) **TOKYO METROPOLITAN GOVERNMENT** [JP/JP]; 8-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 1638001 (JP).
(only for / seulement pour JP)

(72, 75) **AIZAWA, Tatsuhiko** [JP/JP]; 2-5-5, Iwadokita, Komae-shi, Tokyo, 2010004 (JP). **MITSUO, Atsushi** [JP/JP]; c/o Tokyo Metropolitan Industrial Technology Research Institute, 13-10, Nishigaoka 3-chome, Kita-ku, Tokyo, 1158586 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; YUASA AND HARA, Section 206, 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 **B23B 51/04, 27/16, B23C 5/10, 5/20, B23B 29/08**

(11) **WO 2004/096474** (13) A1

(21) PCT/KR2004/000497

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

(25) en (26) en

(30) 10-2003-0026764 **28 Apr/avr 2003** KR
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TOOL HOLDER ASSEMBLY FOR MULTIFUNCTIONAL MACHING AND ADAPTER FOR THE SAME
• ENSEMBLE PORTE-OUTIL POUR USINAGE MULTIFONCTIONNEL ET ADAPTATEUR ASSOCIE

(71) **TAEGUTEC LTD.** [KR/KR]; 304, yonggye-ri, Gachang-mycon, Dalsung-gun, taegu, 711-865 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Chang Hee** [KR/KR]; Bosung Apt., 101-705, Jisan-dong, Suseong-gu, Taegu, 760-090 (KR). **PARK, Hong Sik** [KR/KR]; Sungkwang Woobang Apt., 101-905, Chilseong-dong, Buk-gu, Taegu, 702-777 (KR). **BAE, Dae Wi** [KR/KR]; Jukong Apt., 104-604, Wolseong-dong, Dalseo-gu, Taegu, 704-781 (KR).

(74) **BAHNG, Hae Cheol** et al. / etc.; Kims International Patent & Law Office, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B23D 77/00, 77/02**

(11) **WO 2004/096475** (13) A1

(21) PCT/DE2004/000933

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) de (26) de

(30) 103 19 957.8 **2 May/mai 2003** DE
(**02.05.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHIP-REMOVING MACHINING TOOL
• OUTIL POUR USINAGE AVEC ENLEVEMENT DE COPEAUX

(71) **GÜHRING, Jörg** [DE/DE]; Franz-Schubert-Strasse 18, 72458 Albstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLAGENHAUF, Uwe** [DE/DE]; Heutäleweg 2, 72479 Strassberg (DE).

(74) **DOBLER, Markus** et al. / etc.; Karlstrasse 8, 88212 Ravensburg (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 **B23D 79/02, B23K 7/00**

(11) **WO 2004/096476** (13) A1

(21) PCT/CA2004/000599

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 2,426,874 **25 Apr/avr 2003** CA
(**25.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR THERMAL DE-BURRING OF SLOT-TED WELL LINERS

• APPAREIL ET PROCEDE D'ÉBAVURAGE THERMIQUE DE COLONNES PERDUES A FENTES

(71) **REGENT TECHNOLOGIES LTD.** [CA/CA]; 3735-8th Street, Nisku, Alberta T9E 8J8 (CA).

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

(72, 75) **CLAERHOUT, Mike** [CA/CA]; 3735-8th Street, Nisku, Alberta T9E 8J8 (CA).

(74) **TOMKINS, Donald, V.**; Miller Thomson LLP, 2700, 10155-102 Street, Edmonton, Alberta T5J 4G8 (CA).

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

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

Published / Publiée : (c)

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)

(u) for / pour US only / seulement

(51)⁷ **B23K**

(11) **WO 2004/096477** (13) A2

(21) PCT/EP2004/004472

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) de (26) de

(30) 103 19 261.1 **28 Apr/avr 2003** DE
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR CLEANING THE GAS NOZZLE OF A WELDING TORCH

- DISPOSITIF SERVANT A NETTOYER UNE TUYERE A GAZ D'UN CHALUMEAU DE SOUDAGE

(71) ALEXANDER BINZEL SCHWEISSTECHNIK GMBH & CO. KG [DE/DE]; Kiesacker, 35418 Buseck (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHÄFER, Ralf [DE/DE]; Kattenbachstrasse 120a, 35435 Wettenberg (DE).

(74) MÜLLER, Eckhard; Mühlstrasse 9a, 65597 Hünfelden-Dauborn (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 B23K 11/00

(11) WO 2004/096478 (13) A1

(21) PCT/US2003/022839

(22) 22 Jul/juil 2003 (22.07.2003)

(25) en (26) en

(30) 10/401,716 28 Mar/mar 2003 US (28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR RESISTANCE WELDING A TUBE TO A MEMBER

- PROCEDE DE SOUDAGE PAR RESISTANCE D'UN TUBE SUR UN ELEMENT

(71) DELPHI TECHNOLOGIES, INC. [US/US]; 5725 Delphi Drive, Troy, MI 48098-2815 (US).

(72) ANANTHANARAYANAN, Venkatasubramanian; 4030 North Emerald Court, Beavercreek, OH 45430 (US). RAMACHANDRA, Dharmendra (Dharam), M.; 9086 Payne Farm Lane, Centerville, OH 45458 (US).

(74) MCBAIN, Scott, A.; Delphi Technologies, Inc., Legal Staff, P.O. Box 5052, 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 NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

(51)⁷ B23K 11/30

(11) WO 2004/096479 (13) A1

(21) PCT/ES2004/070022

(22) 20 Apr/avr 2004 (20.04.2004)

(25) es (26) es

(30) P200300964 25 Apr/avr 2003 ES (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR EXTRACTING ELECTRODES FROM A ROBOT-CONTROLLED WELDING UNIT

- DISPOSITIF PERMETTANT D'EXTRAIRE LES ELECTRODES D'UNE UNITE DE SOUDURE COMMANDEE PAR UN ROBOT

(71, 72) FUENTES RAGA, José [ES/ES]; Ctra. Alicante, 92, 46439 El Romani, Valencia, E-46439 El Romani (ES).

(74) URIZAR ANASAGASTI, Jesús María; IPAMARK, Paseo de la Castellana, 72-1°, 28046 Madrid, E-28046 Madrid (ES).

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

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

Published / Publiée : (c)

(51)⁷ B23K 20/10, B29C 65/08, B06B 1/02

(11) WO 2004/096480 (13) A1

(21) PCT/EP2004/004532

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 797.4 30 Apr/avr 2003 DE (30.04.2003)

(30) 103 24 094.2 27 May/mai 2003 DE (27.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR WELDING PARTS

- PROCEDE DE SOUDAGE DE PIECES

(71) SCHUNK ULTRASCHALLTECHNIK GMBH [DE/DE]; Hauptstrasse 97, 35435 Wettenberg (DE).

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

(72, 75) GORDON, Kevin [US/US]; 375 Ballardvale Street, Wilmington, Massachusetts 01887 (US).

(74) STOFFREGEN, Hans-Herbert; Friedrich-Ebert-Anlage 11b, 63450 Hanau (DE).

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

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

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

Published / Publiée : (c)

(51)⁷ B23K 26/067

(11) WO 2004/096481 (13) A1

(21) PCT/EP2004/004463

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 203 06 581.6 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LASER WELDING METHOD AND LASER WELDING ARRANGEMENT

- PROCEDE ET INSTALLATION DE SOUDAGE LASER

(71) KUKA SCHWEISSANLAGEN GMBH [DE/DE]; Blücherstr. 144, 86165 Augsburg (DE).

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

(72, 75) RIPPL, Peter [DE/DE]; Friedrich-Deffner-Str. 19b, 86163 Augsburg (DE).

(74) ERNICKE, H.-D. et al. / etc.; Schwibbogenplatz 2b, 86153 Augsburg (DE).

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

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 B23K 26/10, 26/38, 26/42, B42D 15/10, B26D 7/18, B65H 29/02, B23K 26/08, B23Q 11/00

(11) WO 2004/096482 (13) A1

(21) PCT/IB2004/001273

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 03009986.5 2 May/mai 2003 EP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • MACHINE AND PROCESS FOR CUTTING OPENINGS IN A SUBSTRATE
• MACHINE ET PROCEDE POUR DECOUPER DES OUVERTURES DANS UN SUBSTRAT

(71) KBA-GIORI S.A. [CH/CH]; 4, Rue de la Paix, CH-1003 Lausanne (CH).

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

(72, 75) SCHAEDE, Johannes Georg [DE/DE]; Max-Heim-Strasse 8, 97074 WURZBURG (DE).

(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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B23K 26/18, H01L 21/301, C09J 7/02

(11) WO 2004/096483 (13) A1

(21) PCT/JP2004/005554

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-120927 25 Apr/avr 2003 JP (25.04.2003)

(30) 2003-430093 25 Dec/déc 2003 JP (25.12.2003)

(30) 2004-095875 29 Mar/mar 2004 JP (29.03.2004)

(30) 2004-095785 29 Mar/mar 2004 JP (29.03.2004)

(30) 2004-094732 29 Mar/mar 2004 JP (29.03.2004)

(30) 2004-095492 29 Mar/mar 2004 JP (29.03.2004)

(30) 2004-094635 29 Mar/mar 2004 JP (29.03.2004)

(30) 2004-094431 29 Mar/mar 2004 JP (29.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PRODUCING LASER-PROCESSED PRODUCT AND ADHESIVE SHEET, FOR LASER PROCESSING USED THEREFOR

• METHODE DE PRODUCTION D'UN PRODUIT TRAITE PAR LASER ET D'UNE FEUILLE ADHESIVE, POUR UN TRAITEMENT LASER UTILISE POUR CE PRODUIT

(71) NITTO DENKO CORPORATION [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) URAIRI, Masakatsu [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). HINO, Atsushi [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). MATSUO, Naoyuki [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). TAKAHASHI, Tomokazu [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). MATSUMURA, Takeshi [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). YAMAMOTO, Syouji [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).

(74) SUZUKI, Takao et al. / etc.; 1-20, Nishinakajima 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 B23K 35/00

(11) WO 2004/096484 (13) A2

(21) PCT/DE2004/000852

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 10319888.1 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOLDERING MATERIAL BASED ON SN AG AND CU

• METAL D'APPORT DE BRASAGE A BASE SNAGCU

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). COOKSON ELECTRONICS ASSEMBLY MATERIALS GROUP ALHPA METALS LÖTSYSTEME GMBH [DE/DE]; Elisabeth-Selbert-Str. 4, 40764 Langenfeld (DE). HENKEL KGAA [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE). STANNOL GMBH [DE/DE]; Oskarstr. 3-7, 42283 Wuppertal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALBRECHT, Hans-Jürgen [DE/DE]; Waxweiler Weg 13, 13051 Berlin (DE). BARTL, Klaus Heinrich Georg [DE/DE]; Niersstr. 5, 45136 Essen (DE). KRUPPA, Werner [DE/DE]; Von-Einem-Str. 3, 45130 Essen (DE). MÜLLER, Klaus [DE/DE]; Destubener Str. 6, 95448 Bayreuth (DE). NOWOTTNICK, Mathias [DE/DE]; Gärtnerstr. 10, 10245 Berlin (DE). PETZOLD, Gunnar [DE/DE]; Paulstr. 23, 10557 Berlin (DE). STEEN, Hector Andrew Hamilton [GB/GB]; 211 Ebbens Rd, Hemel Hempstead Herts HP3 9RD (GB). WILKE, Klaus

[DE/DE]; Lübbenauer Weg 7, 12527 Berlin (DE). WITTKE, Klaus [DE/DE]; Wulffstr. 11, 12165 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 37/00, B23Q 16/00

(11) WO 2004/096485 (13) A1

(21) PCT/EP2004/004459

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 251.4 28 Apr/avr 2003 DE (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WELDING TORCH HOLDER

• SUPPORT POUR CHALUMEAU SOUDEUR

(71) ALEXANDER BINZEL SCHWEISSTECHNIK GMBH & CO. KG [DE/DE]; Kiesacker, 35418 Busbeck (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHÄFER, Ralf [DE/DE]; Kattenbachstrasse 120a, 35435 Wettenberg (DE). GUTZMANN, Jörg [DE/DE]; Am Fliederbusch 7, 35274 Kirchhain (DE).

(74) MÜLLER, Eckhard; Mühlstrasse 9a, 65597 Hünfelden-Dauborn (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 :

(u) for / pour US only / seulement

(51)⁷ B23K 37/047, G06K 19/077

(11) WO 2004/096486 (13) A1

(21) PCT/CH2004/000243

(22) 22 Apr/avr 2004 (22.04.2004)

- (25) fr (26) fr
- (30) CH0764/03 **1 May/mai 2003** CH
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE FOR DRIVING A BELT WHICH IS USED TO PACKAGE ELECTRONIC COMPONENTS, DEVICE AND METHOD FOR PACKAGING ELECTRONIC COMPONENTS IN THE FORM OF A BAND
- DISPOSITIF D'ENTRAÎNEMENT DE BANDE PERMETTANT LE CONDITIONNEMENT CONDITIONNEMENT DE COMPOSANTS ELECTRONIQUES, DISPOSITIF ET METHODE DE MISE EN BANDE DE COMPOSANTS ELECTRONIQUES.
- (71) ISMECA SEMICONDUCTOR HOLDING SA [CH/CH]; rue de l'Helvétie 283, CH-2300 La Chaux-de-Fonds (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PRETOT, Philippe [FR/FR]; 9 rue des Lilas, F-25500 Les Fins (FR). FROIDEVAUX, Claude [CH/CH]; rue de l'Helvétie 31, CH-2300 La Chaux-de-Fonds (CH).
- (74) SAAM, Christophe; Pastents & Technology Surveys, rue des Terreaux 7, Case Postale 2848, CH-2001 Neuchâtel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B23P 15/50
- (11) WO 2004/096488 (13) A1
- (21) PCT/JP2004/003779
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) ja (26) ja
- (30) 2003-124280 **28 Apr/avr 2003** JP
(28.04.2003)
- (30) 2003-352625 **10 Oct/oct 2003** JP
(10.10.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF PRODUCING THREAD-ROLLING DIE
- PROCEDE PERMETTANT DE PRODUIRE UNE MATRICE A LAMINER LES FILETAGES
- (71) KYUSHU TLO COMPANY, LIMITED [JP/JP]; 10-1, Hakozaki 6-chome, Higashi-ku, Fukuoka-shi, Fukuoka 8128581 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKEMASU, Teruie [JP/JP]; 3-28-5-303, Minamisho, Sawara-ku, Fukuoka-shi, Fukuoka 8140031 (JP). MIYAHARA, Hiroshi [JP/JP]; 4-37-12, Takamidai, Higashi-ku, Fukuoka-shi, Fukuoka 8110215 (JP).
- (74) KATO, Hisashi; Room 1102, Asaco-Hakata Bldg., 11-5, Hakatakihigashi 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 8120013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B23P 6/00, B23K 26/34, F01D 5/00
- (11) WO 2004/096487 (13) A1
- (21) PCT/DE2004/000673
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 103 19 494.0 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR REPAIRING AND/OR MODIFYING COMPONENTS OF A GAS TURBINE
- PROCEDE DE REPARATION ET/OU MODIFICATION DE SOUS-GROUPES DE TURBINE 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) LANGE, Anja [DE/DE]; Stocken-Mühlen-Weg 145, 30855 Langenhagen (DE). LANGE, Jens [DE/DE]; Köllingsmoor 10, 30855 Langenhagen (DE). SCHULZE, Uwe [DE/DE]; Mittelster Weg 70, 29308 Winsen (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 B23P 21/00, B25J 9/16, 9/18, 19/04
- (11) WO 2004/096489 (13) A1
- (21) PCT/SE2004/000597
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) sv (26) en
- (30) 0301207-7 **25 Apr/avr 2003** SE
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ARRANGEMENT AND PROCEDURE FOR AUTOMATIC ASSEMBLING OF COMPONENTS INCLUDING AN IDENTIFICATION UNIT
- DISPOSITIF ET PROCEDE PERMETTANT DE REUNIR AUTOMATIQUEMENT DES COMPOSANTS A L'AIDE D'UNE UNITE D'IDENTIFICATION
- (71, 72) ANDERSSON, Johnny [SE/SE]; Fågellägatan 26, S-619 32 Trosa (SE).
- (74) BJERKENS PATENTBYRÅ KB; Box 128, S-721 05 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
- (11) WO 2004/096490 (13) A2
- (21) PCT/US2004/010801
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 60/463,831 **17 Apr/avr 2003** US
(17.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • WAY COVER IMPROVEMENTS
- AMELIORATION D'UN COUVRE-GLISSIERES
- (71) A & A MFG. CO., INC. [US/US]; 2300 South Calhoun Road, New Berlin, WI 53151 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) O'ROURKE, James, D. [US/US]; N30 W2865 West Lakeside Drive, Pewaukee, WI 53072 (US). ECKDAHL, Cory, L. [US/US]; 775 S. Springdale Road, Waukesha, WI 53186 (US).
- (74) FRANZINI, John, D.; Quarles & Brady LLP, 411 E. 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
 (11) **WO 2004/096491** (13) A2
 (21) PCT/US2004/013132
 (22) **27 Apr/avr 2004 (27.04.2004)**
 (25) en (26) en
 (30) 10/425,701 **28 Apr/avr 2003** US
(28.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • APPARATUS AND METHOD OF SECURING A WORKPIECE DURING HIGH-PRESSURE PROCESSING
 • APPAREIL ET PROCEDE PERMETTANT DE FIXER UNE PIECE A TRAVAILLER PENDANT UN TRAITEMENT HAUTE PRESSION
- (71) **SUPERCritical SYSTEMS INC.** [US/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85233 (US).
- (72, 75) **YOKOMIZO, Kenji** [JP/US]; 9850 N.73rd Street, #2031, Scottsdale, AZ 85258 (US).
- (74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, 162 North Wolfe Road, Sunnyvale, CA 94086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 **B24B 37/04, 41/047, H01L 21/304**
 (11) **WO 2004/096492** (13) A1
 (21) PCT/JP2004/006138
 (22) **28 Apr/avr 2004 (28.04.2004)**
 (25) ja (26) ja
 (30) 2003-126955 **2 May/mai 2003** JP
(02.05.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • POLISHING APPARATUS
 • 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) **NAGAI, Satoshi** [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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 **B24C 3/32, B24B 9/00**
 (11) **WO 2004/096493** (13) A1
 (21) PCT/DE2004/000581
 (22) **20 Mar/mar 2004 (20.03.2004)**
 (25) de (26) de
 (30) 103 19 020.1 **27 Apr/avr 2003** DE
(27.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • METHOD FOR ROUNDING PART EDGES
 • PROCEDE POUR ARRONDIR DES ARETES DE PIECES
- (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) **WERNER, Klemens** [DE/DE]; Es-marchstrasse 7 a, 80999 München (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 **B24D 11/00**
 (11) **WO 2004/096494** (13) A1
 (21) PCT/US2004/010840
 (22) **8 Apr/avr 2004 (08.04.2004)**
 (25) en (26) en
 (30) 0309393.7 **25 Apr/avr 2003** GB
(25.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • METHOD OF MANUFACTURING NONWOVEN ABRASIVE ARTICLES USING DRY PARTICULATE MATERIAL

- PROCEDE PERMETTANT DE PRODUIRE DES ARTICLES ABRASIFS EN NON-TISSE AU MOYEN D'UN MATERIAU EN PARTICULES SEC
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POLLAUD, Guy, M.** [FR/FR]; Avenue Boule, F-95250 Beauchamp (FR).
MALJEAN, Sandrine [FR/FR]; Avenue Boule, F-95250 Beauchamp (FR).
MARTIN RIVERA, Carmen [ES/ES]; Fabrica De Rivas Del Jarama, Apartado 25, E-28080 Madrid (ES).
CABRERO GOMEZ, Estrella [ES/ES]; Fabrica De Rivas Del Jarama, Apartado 25, E-28080 Madrid (ES).
- (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).
-
- Published / Publiée : (c)
-
- (51)⁷ **B24D 13/16, 9/08**
 (11) **WO 2004/096495** (13) A1
 (21) PCT/DK2004/000274
 (22) **22 Apr/avr 2004 (22.04.2004)**
 (25) da (26) en
 (30) PA 2003 00627 **25 Apr/avr 2003** DK
(25.04.2003)
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • GRINDING WHEEL WITH SAND PAPER ITEMS
 • MEULE POURVUE D'ARTICLES DE PAPIER ABRASIF
- (71) **FLEX TRIM A/S** [DK/DK]; Lyngvænget 6, Glyngøre, DK-7870 Roslev (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JESPERSEN, Poul, Erik** [DK/DK]; Lyngvænget 6, DK-7870 Roslev (DK).
- (74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Århus C (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B25B 5/14, 11/02

(11) WO 2004/096496 (13) A1

(21) PCT/GB2004/001914

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) GB0310041.9 1 May/mai 2003 GB (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A JIG FOR MANUFACTURING RIMLESS SPECTACLES AND METHOD THEREOF

• APPAREIL DE MONTAGE POUR LA FABRICATION DE LUNETTES GLACE ET PROCEDE ASSOCIE

(71, 72) CORKE, Roy [GB/GB]; (T/A Wirral Optical), Unit 3, Shepburn Units, Carr Lane Industrial Estate, Hoylake CH48 4AZ (GB).

(74) POWELL FORMAN KELLY LLP; Oriel Chambers, 14 Water Street, Liverpool L2 8TD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 :

(u) for / pour US only / seulement

(51)⁷ B25B 21/00, B25C 1/04, B25F 5/00

(11) WO 2004/096497 (13) A1

(21) PCT/JP2004/005696

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-127465 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AIR FILTER DEVICE OF COMPRESSED AIR TOOL

• DISPOSITIF A FILTRE D'AIR D'UN OUTIL A AIR COMPRIE

(71) MAX CO., LTD. [JP/JP]; 6-6, Nihonbashi-hakozakicho, Chuo-ku, Tokyo 103-8502 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADACHI, Michiaki [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashi-hakozakicho, Chuo-ku, Tokyo 103-8502 (JP). OGAWA, Tatsushi [JP/JP]; c/o Max Co., Ltd., 6-6,

Nihonbashi-hakozakicho, Chuo-ku, Tokyo 103-8502 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 B25B 23/04, 23/06, 23/10

(11) WO 2004/096498 (13) A1

(21) PCT/GB2004/001889

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309787.0 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREW FEEDER

• DISTRIBUTEUR DE VIS

(71) BLACK & DECKER INC [US/US]; 1207 Drummond Plaza, Newark, DE 19711 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONE, Daniel [GB/GB]; 5 Black Road, Langley Moor, Durham DH7 8LW (GB). THOMPSON, Phillip, Kelvin [GB/GB]; 1 Lumley Close, Spennymoor, Co Durham DL16 6LS (GB).

(74) CAVALIER, Marcus, Alexander, Mawson et al. / etc.; Black & Decker, 210 Bath Road, Slough SL1 3YD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 : (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 designation / pour la désignation suivante : US

(51)⁷ B25B 27/10, B21D 39/04

(11) WO 2004/096499 (13) A1

(21) PCT/EP2004/004549

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 376.6 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TOOL FOR FITTINGS FOR CONNECTING PIPES

• OUTIL POUR RACCORDS A COLLETTES POUR L'ASSEMBLAGE DE TUBES

(71) UPONOR INNOVATION AB [SE/SE]; Industrivägen, S-513 81 Fristad (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÖHM, Robert [DE/DE]; Eichenstrasse 11, 97453 Schonungen (DE).

(74) HILLERINGMANN, Jochen et al. / etc.; Bahnhofsvorplatz 1 (Deichmannhaus), 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 B25F 5/00, H01M 2/10

(11) WO 2004/096500 (13) A1

(21) PCT/DE2003/004103

(22) 11 Dec/déc 2003 (11.12.2003)

(25) de (26) de

(30) 103 18 947.5 26 Apr/avr 2003 DE (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRICAL HAND TOOL MACHINE WITH AN ACCUMULATOR PACK

• MACHINE-OUTIL MANUELLE ELECTRIQUE COMPORTANT UN BLOC D'ACCUMULATEUR

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 20 20, 70442 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOFMANN, Albrecht [DE/DE]; Seilerstr. 11/1, 71144 Steinenbronn (DE).

KRONDORFER, Harald [DE/US]; West Peterson Avenue 4300, Chicago, IL 606046 (US). **HECKMANN, Markus** [DE/DE]; Joh.-Seb.-Bach-Str. 34, 70771 Leinfelden-Echterdingen (DE). **SCHADOW, Joachim** [DE/DE]; Echterdingerstr. 12, 72135 Dettenhausen (DE). **SCHOMISCH, Thomas** [DE/DE]; Echterdingerstr. 26, 70771 Leinfelden-Echterdingen (DE).

(74) **GLEISS & GROSSE**; Leitzstrasse 45, 70469 Stuttgart (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (a)

(51)⁷ B25J

(11) WO 2004/096501 (13) A2

(21) PCT/IL2004/000365

(22) 2 May/mai 2004 (02.05.2004)

(25) en (26) en

(30) 60/466,464 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR MOTION IMPROVEMENT

• PROCEDE ET SYSTEME PERMETTANT D'AMELIORER UN MOUVEMENT

(71, 72) **BLUMAN, Nini** [IL/IL]; 15 Aharoni Street, 76281 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 B25J 13/08

(11) WO 2004/096502 (13) A1

(21) PCT/GB2004/001827

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309662.5 28 Apr/avr 2003 GB (28.04.2003)

(30) 0312963.2 5 Jun/juin 2003 GB (05.06.2003)

(30) 0327503.9 26 Nov/nov 2003 GB (26.11.2003)

(30) 0405396.3 10 Mar/mar 2004 GB (10.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CMM ARM WITH EXOSKELETON

• BRAS DE MACHINE DE MESURE DE COORDONNEES A EXOSQUELETTE

(71, 72) **CRAMPTON, Stephen, James** [GB/GB]; 9 Broadfields, Goffs Oak, Waltham Cross, Hertfordshire EN7 5JU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B25J 17/02, 19/00

(11) WO 2004/096503 (13) A1

(21) PCT/SE2004/000665

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0301274-7 29 Apr/avr 2003 SE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN INDUSTRIAL ROBOT

• ROBOT INDUSTRIEL

(71) **ABB AB** [SE/SE]; Koppbergsvägen 2, S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FORSLUND, Karl-Erik** [SE/SE]; Vårdkasevägen 4, S-723 53 Västerås (SE). **KULLBORG, Ove** [SE/SE]; Fimbulvägen 1D, S-722 31 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 B26B 21/44

(11) WO 2004/096504 (13) A1

(21) PCT/JP2003/009046

(22) 16 Jul/juil 2003 (16.07.2003)

(25) ja (26) ja

(30) 2003-161381 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SHAVING SUPPORTING LIQUID DELIVERY DEVICE

• DISPOSITIF D'ADMINISTRATION D'UN LIQUIDE FACILITANT LE RASAGE

(71, 72) **HUJIBE, Eisho** [JP/JP]; Nisihukawa, 3962, Nagato, Yamaguchi 759-4102 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(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 B26D 1/34

(11) WO 2004/096505 (13) A1

(21) PCT/JP2004/006113

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124127 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-370437 30 Oct/oct 2003 JP (30.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WRAPPING CASE

• BOITIER POUR FEUILLE D'EMBALLAGE

(71) **LIFE TWO CO., LTD.** [JP/JP]; 49-10, Oshiage 1-chome, Sumida-ku, Tokyo 131-0045 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAZAMA, Kazuo** [JP/JP]; 49-10, Oshiage 1-chome, Sumida-ku, Tokyo 131-0045 (JP).

(74) **KIMURA, Takaaki**; 9-10, Kotobuki 4-chome, Taito-ku, Tokyo 111-0042 (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 B26D 7/08

(11) WO 2004/096506 (13) A1

(21) PCT/JP2004/004945

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-121136 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-426958 24 Dec/déc 2003 JP
(24.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VIBRATION-TYPE PAPER-CUTTING DEVICE

• MASSICOT A VIBRATIONS

(71) DAIDO KOGYO CO. LTD. [JP/JP]; I-197, Kumasakamachi, Kaga-shi, Ishikawa, 9220842 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIMURA, Kazuo [JP/JP]; c/o DAIDO KOGYO CO., LTD., I-197, Kumasakamachi, Kaga-shi, Ishikawa, 9220842 (JP). MAJIMA, Toshiyuki [JP/JP]; c/o DAIDO KOGYO CO., LTD., I-197, Kumasakamachi, Kaga-shi, Ishikawa, 9220842 (JP).

(74) SASAKI, Isao et al. / etc.; Sasaki, Kawamura & Associates Toranomon Sangyo Bldg. 6th Fl. 2-29, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B26D 7/20, B65G 47/244

(11) WO 2004/096507 (13) A1

(21) PCT/ES2004/000178

(22) 27 Apr/avr 2004 (27.04.2004)

(25) es (26) es

(30) P200300983 30 Apr/avr 2003 ES
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM FOR MOVING A FOOD PRODUCT ON A CUTTING BENCH OR SIMILAR

• SYSTEME PERMETTANT DE DEPLACER UN PRODUIT ALIMENTAIRE SUR UNE TABLE DE COUPE OU ANALOGUE

(71) METRONICS TECHNOLOGIES, S.L. [ES/ES]; Carretera de Jaca, 4 bajo, E-31110 Noain (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE ORTE GLARÍA, Benito, Andrés [ES/ES]; Carretera de Jaca, 4 bajo, E-31110 Noain (ES).

(74) BUCETA FACORRO, Luis; C/Bravo Murillo, 219-1^oB, E-28020 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B26F 1/20, B26D 7/26

(11) WO 2004/096508 (13) A1

(21) PCT/EP2004/003637

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 18 822.3 26 Apr/avr 2003 DE
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR PERFORATING DIFFERENT STRIPS IN A TUBE EXTRUDING MACHINE FOR PRODUCING MULTILAYER FLEXIBLE PIPES

• DISPOSITIF DE PERFORATION DE DIFFERENTES BANDES D'UNE BOUDINEUSE DESTINEE A PRODUIRE DES TUYAUX FLEXIBLES MULTICOUCHES

(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) SEEGERGER, Achim [DE/DE]; Asterweg 1A, 49525 Lengerich (DE).

(74) WEBER, Jan, Thorsten; Windmüller & Hölscher KG, Münsterstrasse 50, 49525 Lengerich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ B27L 5/06

(11) WO 2004/096509 (13) A1

(21) PCT/EP2004/002315

(22) 6 Mar/mar 2004 (06.03.2004)

(25) de (26) de

(30) 103 19 208.5 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VENEER CUTTING MACHINE

• TRANCHEUSE

(71) GRENZEBACH BSH GMBH [DE/DE]; August-Gottlieb-Strasse 5, 36251 Bad Hersfeld (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEINER, Armin [DE/DE]; Drosselstrasse 8, 36284 Hohenroda (DE). MEYER, Jean [DE/DE]; Auf dem Rück 17, 36289 Friedewald (DE). WEPPLER, Heinrich [DE/DE]; Lutherstrasse 4, 36251 Ludwigsau (DE).

(74) FRESE-GÖDDEKE, Beate; Hüttenallee 237 b, 47800 Krefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 B28B 1/08, 7/00, F16F 6/00

(11) WO 2004/096510 (13) A2

(21) PCT/EP2003/004634

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARRANGEMENT FOR PRODUCING MOLDED CONCRETE ELEMENTS

• ENSEMBLE POUR PRODUIRE DES CORPS MOULES EN BETON

(71) KOBRA FORMEN GMBH [DE/DE]; Gewerbegebiet, 08485 Lengenfeld (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMUCKER, Erwin [DE/DE]; Weite Strasse 12, 89601 Schelklingen (DE). BRAUNGARDT, Rudolf [DE/DE]; Bergstrasse 33, 08485 Pechtelgrün (DE).

(74) WEBER, Gerhard; Postfach 2029, 89073 Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B28D 1/12

(11) WO 2004/096511 (13) A2

(21) PCT/IB2004/001276

(22) 28 Apr/avr 2004 (28.04.2004)

(25) it (26) en

(30) MO2003A000123 30 Apr/avr 2003 IT (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TOOL AND APPARATUS FOR CUTTING HARD MATERIALS

• OUTIL ET APPAREIL POUR LE DECOUPAGE DE MATERIAUX DURS

(71, 72) BURESSINIANI, Odoardo [IT/IT]; Via Giovanni Giolitti, 101, I-00185 Roma (IT).

(74) CRUGNOLA, Pietro; Luppi Crugnola Bergamini & Partners S.r.l., Viale Corassori, 54, I-41100 Modena (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B29B

(11) WO 2004/096512 (13) A2

(21) PCT/US2004/013662

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,786 29 Apr/avr 2003 US (29.04.2003)

(30) 60/542,673 6 Feb/fév 2004 US (06.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOCLAVE MOLDING SYSTEM FOR CARBON COMPOSITE MATERIALS

• SYSTEME DE MOULAGE AUTOCLAVE POUR DES MATIERES EN CHARBON COMPOSITE

(71, 72) SAMPSON, James, K. [US/US]; 3693 East Country Road 30, Fort Collins, CO 80528 (US).

(74) WIEDMANN, Alfred, K., Jr.; 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 B29C

(11) WO 2004/096513 (13) A2

(21) PCT/EP2004/004461

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 470.3 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METAL-PLASTIC COMPOSITE COMPONENT AND METHODS FOR THE PRODUCTION THEREOF

• ELEMENT COMPOSITE EN METAL ET PLASTIQUE ET PROCEDE DE FABRICATION ASSOCIE

(71) W.C. HERAEUS GMBH & CO. KG [DE/DE]; Heraeusstr. 12-14, 63450 Hanau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAHODE, Jan [DE/DE]; Barbarossastr. 13a, 63579 Freigericht (DE). FUCHS, Werner, Hans [DE/DE]; Seibelstr. 6a, 63584 Gründau (DE).

(74) KÜHN, Hans-Christian; Heraeus Holding GmbH, Heraeusstr. 12-14, 63450 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).

(51)⁷ B29C

(11) WO 2004/096514 (13) A2

(21) PCT/IL2004/000358

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/424,732 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS AND METHODS FOR USE IN THREE DIMENSIONAL MODEL PRINTING

• COMPOSITIONS ET PROCEDE CONVENANT POUR L'IMPRESSION DE MAQUETTES EN TROIS DIMENSIONS

(71) OBJET GEOMETRIES LTD. [IL/IL]; 2 Holtzman Street, Kiryat Weizmann Science Park, 76124 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAPADENSKY, Eduardo [IL/IL]; 86 Yehuda Halevi St., 42325 Netanya (IL). BRUSILOVSKY, David [IL/IL]; 32 Hagagana Street, 46325 Herzlia (IL). LEVY, Avi [IL/IL]; 160c (Gimmel) Tshal Street, 49450 Petach Tikva (IL). GOTHAI, Hanan [IL/IL]; 3 Paldi Street, 76248 Rehovot (IL).

(74) EITAN PEARL LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, 46725 Herzlia (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 B29C 31/00

(11) WO 2004/096515 (13) A1

(21) PCT/EP2003/008848

(22) 8 Aug/août 2003 (08.08.2003)

(25) en (26) en
(30) MO2003A000122 **30 Apr/avr 2003** IT
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR REMOVING OBJECTS FROM FORMING MEANS

• DISPOSITIF ET PROCEDE PERMETTANT DE RETIRER DES OBJETS D'UN MOYEN DE FAÇONNAGE

(71) SACMI-COOPERATIVA MECCANICI IMOLA - SOC. COOP. A.R.L. [IT/IT]; Via Selice Provinciale, 17/A, I- 40026 Imola (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZANONI, Manuel [IT/IT]; Via G. Matteotti, 15, I-40027 Mordano (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 NA NI NO NZ OM PG PH PL PT RO 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 B29C 37/02

(11) WO 2004/096516 (13) A1

(21) PCT/JP2004/006135

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125225 **30 Apr/avr 2003** JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEBURRING DEVICE

• DISPOSITIF D'EBARBAGE

(71) KYORAKU CO., LTD. [JP/JP]; 598-1, Tatsumae-cho, Nakadachiuri-sagaru, Karasumadori, Kamigyo-ku, Kyoto-shi, Kyoto 602-0912 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARA, Akira [JP/JP]; 147-5, Sanmai-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0862 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 44/34, 44/38, 44/42, B65D 39/00

(11) WO 2004/096517 (13) A2

(21) PCT/EP2004/050588

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 19 025.2 **28 Apr/avr 2003** DE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CORK TOOL AND CORRESPONDING PRODUCTION METHOD

• OUTIL A BOUCHON ET PROCEDE DE PRODUCTION ASSOCIE

(71) MHT MOLD & HOTRUNNER TECHNOLOGY AG [DE/DE]; Dr.-Ruben-Rausing-Str. 7, 65239 Hochheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLASS, Werner [DE/DE]; Untertortstrasse 58, 65760 Eschborn (DE).
SCHWEININGER, Stefan [DE/DE]; Anne-Frank-Str. 4, 65197 Wiesbaden (DE).

(74) WEBER, Dieter et al. / etc.; Patentanwälte Weber, Seiffert, Lieke, Postfach 61 45, 65051 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 45/00, 45/16, F16B 21/02, 19/10

(11) WO 2004/096518 (13) A2

(21) PCT/EP2004/003909

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 19 756.7 **30 Apr/avr 2003** DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE PRODUCTION OF CONNECTION SYSTEMS, AND CONNECTION SYSTEMS PRODUCED ACCORDING TO SAID METHOD

• PROCEDE DE FABRICATION DE SYSTEMES DE LIAISON ET SYSTEMES DE LIAISON FABRIQUES SELON LEDIT PROCEDE

(71) A. RAYMOND & CIE [FR/FR]; 113, cours Berriat, F-38028 Grenoble (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEGAT, Jean-Jacques [FR/FR]; 91, chemin de Tessy, F-38690 Colombe (FR).
BLANC, Jérôme [FR/FR]; 17, rue Pierre Semard, F-38950 Saint Martin le Vinoux (FR).

(74) RÜTTIGERS, Joachim; A. Raymond GmbH & Co. KG, Teichstr. 57, 79539 Lörrach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 45/76

(11) WO 2004/096519 (13) A1

(21) PCT/FI2004/000258

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fi (26) en

(30) 20030648 **29 Apr/avr 2003** FI
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARRANGEMENT FOR CONTROLLING QUALITY OF INJECTION MOULDING COMPONENTS

• AGENCEMENT PERMETTANT DE CONTROLER LA QUALITE DE COMPOSANTS DE MOULAGE PAR INJECTION

(71) PERLOS OYJ [FI/FI]; Äyritie 12 C, FI-01510 Vantaa (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUTTUNEN, Matti [FI/FI]; c/o Perlos Oyj, Nurmeksentie 80, FI-80100 Joensuu (FI).
JUVONEN, Mika [FI/FI]; Vehkasärkantie 7, FI-82220 Niittylahti (FI).
JUKOLA, Juri [FI/FI]; Koski-Jaakon katu 1 E, FI-81700 Lieksa (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 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 45/16

(11) WO 2004/096520 (13) A1

(21) PCT/US2004/012224

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/466,281 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ISOLATING MOULD MECHANICAL FUNCTIONS DURING IN-MOULD COATING OPERATION

• ISOLATION DES FONCTIONS MECANQUES D'UN MOULE PENDANT UNE OPERATION D'ENDUCTION

(71) OMNOVA Solutions Inc. [US/US]; 175 Ghent Road, Fairlawn, Ohio 44333-3300 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCBAIN, Douglas [US/US]; 233 Fixler Road, Wadsworth, Ohio 44281 (US). THOMPSON, John [US/US]; 1578 Woodcrest Drive, Wooster, Ohio 44691 (US). STRAUS, Elliott [US/US]; 2499 Auburn Place, Akron, Ohio 44312 (US).

(74) BURLESON, David et al. / etc.; OMNOVA Solutions Inc., Legal Department, 175 Ghent Road, Fairlawn, Ohio 44333-3300 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B29C 45/17 // B29L 11:00

(11) WO 2004/096521 (13) A1

(21) PCT/JP2004/005800

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-121232 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOLDING METHOD AND MOLDING DEVICE UTILIZING ULTRASONIC VIBRATION AND OPTICAL LENS

• PROCEDE DE MOULAGE ET DISPOSITIF DE MOULAGE UTILISANT UNE VIBRATION ULTRASONORE ET LENTILLE OPTIQUE

(71) HOYA CORPORATION [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP). IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITO, Kiyohiro [JP/JP]; c/o HOYA CORPORATION, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP). INOUE, Kazuo [JP/JP]; c/o HOYA CORPORATION, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP). SATO, Atsushi [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba, 2990107 (JP). MINOOKA, Hiroyoshi [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba, 2990107 (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 47/00, 47/92, D01D 5/08, D01F 1/10, 6/62

(11) WO 2004/096522 (13) A1

(21) PCT/US2003/031342

(22) 2 Oct/oct 2003 (02.10.2003)

(25) en (26) en

(30) 10/396,956 25 Mar/mar 2003 US (25.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR CONTROLLING MOLECULAR WEIGHT OF POLYMER

• PROCEDE DE REGULATION DU POIDS MOLECULAIRE D'UN POLYMER

(71) INVISTA TECHNOLOGIES S.A.R.L. [LU/CH]; Talstrasse 80, CH-8001 Zurich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEINER, James, L. [US/US]; 6835 US 601 Highway, Salisbury, NC 28147 (US).

(74) CLEMENTS, Gregory, N. et al. / etc.; Dougherty, Clements & Hofer, Suite 300, 1901 Roxborough Road, Charlotte, NC 28211 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B29C 47/50, 47/40, B29B 7/48

(11) WO 2004/096523 (13) A1

(21) PCT/EP2004/004156

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 03009648.1 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR FUSING AND HOMOGENIZING MULTIMODAL AND BIMODAL POLYOLEFINS

• PROCEDE DE FUSION ET D'HOMOGENEISATION DE POLYOLEFINES MULTIMODALES ET BIMODALES

(71) COPERION WERNER & PFLEIDERER GMBH & CO. KG [DE/DE]; Theodorstrasse 10, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURKHARDT, Ulrich [DE/DE]; Theobald-Kerner-Strasse 14, 70372 Stuttgart (DE).

(74) RAU, Manfred et al. / etc.; Königstrasse 2, 90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 B29C 47/88

(11) WO 2004/096524 (13) A1

(21) PCT/HU2004/000045

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) P 0301174 30 Apr/avr 2003 HU
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR
COOLING EXTRUDED PLASTIC FOIL
HOSES• PROCEDE ET APPAREIL DE REFROI-
DISSEMENT DE TUYAUX FLEXIBLES
EN FILM PLASTIQUE EXTRUDES(71) DR-PACK II. [HU/HU]; Budai 10., H-2051
Biatorbágy (HU).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PELCZ, Antal [HU/HU]; Seregély
3., H-2040 Budaörs (HU). ILLÉS, Tamás
[HU/HU]; Rákóczi 1., H-8913 Lakhegy
(HU).(74) MARKÓ, József; DANUBIA Patent &
Trademark Attorneys, Bajcsy-Zsilinszky 16.,
H-1051 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).

Published / Publiée : (c)

(51)⁷ B29C 49/64, 49/02

(11) WO 2004/096525 (13) A1

(21) PCT/CN2004/000389

(22) 23 Apr/avr 2004 (23.04.2004)

(25) zh (26) zh

(30) 03114345.8 25 Apr/avr 2003 CN
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANUFACTURING
HEAT-RESISTING POLYESTER BOT-
TLES AND THE PRODUCTS THERE-
FROM• PROCEDE DE FABRICATION DE BOU-
TEILLES EN POLYESTER RESISTANT
A LA CHALEUR ET PRODUITS FA-
BRIQUES SELON CE PROCEDE(71, 72) YUAN, Jinhua [CN/CN]; Room 506,
Building 28, YeYuan, Changping Road, Shan-
tout, Guangdong 515041 (CN). HUANG,
Haiyong [CN/CN]; Room 401, Building 53,
MeiguiYuan, Shantou, Guangdong 515041
(CN). TANG, Weimin [CN/CN]; Room
207, Building 31, YanTang Living Quarter,
Guanzou, Guangdong 510507 (CN). LIN,
Pinggang [CN/CN]; Room 4-706, Building5, Zhenhua Yuang, Huaxin Quarter, Shantou,
Guangdong 515000 (CN).(74) SHANGHAI PATENT & TRADEMARK
LAW OFFICE; 435 Guiping Road, Shanghai
200233 (CN).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B29C 51/00

(11) WO 2004/096526 (13) A1

(21) PCT/EP2004/003960

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 18 739.1 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOLDED POLYCARBONATE PARTS

• PIECES FACONNEES EN POLYCAR-
BONATE(71) BAYER MATERIALSCIENCE AG
[DE/DE]; 51368 Leverkusen (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RÖHNER, Jürgen [DE/DE]; Bram-
bachstr. 86, 51069 Köln (DE). ANDERS,
Siegfried [DE/DE]; Humpendinckstr. 3,
51147 Köln (DE). GORNY, Rüdiger
[DE/US]; 122 South Jamestown Rd.,
Moon Twp., Pennsylvania 15108 (US).
SCHWARZ, Peter [DE/DE]; Am Heckerhof
46, 47800 Krefeld (DE).(74) BAYER MATERIALSCIENCE 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B29C 67/00

(11) WO 2004/096527 (13) A2

(21) PCT/IL2004/000368

(22) 2 May/mai 2004 (02.05.2004)

(25) en (26) en

(30) 60/466,731 1 May/mai 2003 US
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RAPID PRODUCTION APPARATUS

• APPAREIL DE PRODUCTION RAPIDE

(71) OBJET GEOMETRIES LTD. [IL/IL]; 2
Holzman Street, Rabin Science Park, 76704
Rehovot (IL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ZEYTOUN, Igal [IL/IL]; 110 Hagilad
Street, 44861 Avnei Hefetz (IL). LEVI,
Moshe [IL/IL]; 3 Shalag Street, 63574
Tel-Aviv (IL). KRITCHMAN, Eliahu,
M. [IL/IL]; 56 Motta Gur Street, 69012
Tel-Aviv (IL). ESHED, David [IL/IL]; 48
Antzo Sireni Street, 44285 Kfar Saba (IL).
GOTHAIT, Hanan [IL/IL]; 3 Paldy Street,
76248 Rehovot (IL). DANA, Dror [IL/IL];
53 Tabenkin Street, 69353 Tel-Aviv (IL).
BAR NATHAN, Meir [IL/IL]; 13 Greenspan
Street, 75502 Rishon Lezion (IL). KLEIN-
HENDLER, Chaim [IL/IL]; 35 Kisos Street,
71908 Maccabim (IL). MENCHIK, Guy
[IL/IL]; 42 Asher Street, 43553 Raanana
(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).(51)⁷ B29C 70/52, C08J 5/04

(11) WO 2004/096528 (13) A1

(21) PCT/EP2004/004519

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 237.9 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PULTRUSION METHOD AND AN AR-
TICLE PRODUCED BY SAID METHOD• PROCEDE DE PULTRUSION ET AR-
TICLES PRODUITS PAR CE PROCEDE(71) TICONA GMBH [DE/DE]; Professor
Staudinger Strasse, 65451 Kelsterbach (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PAPKE, Nicolai [DE/DE]; Lud-
wig-Beck-Ring 5, 65239 Hochheim am
Main (DE). HEYDWEILLER, Joachim
[DE/DE]; Max-Beckmann-Weg 39, 65428
Rüsselsheim (DE). BERND, Heinz [DE/DE];
Jahnstr. 10, 64646 Heppenheim (DE). WAG-
NER, Bruno [DE/DE]; Osterstrasse 4A,
65611 Brechen (DE). BORGNER, Thomas

- [DE/DE]; Ludwigstr. 1, 65747 Bischofsheim (DE). LITTWITZ, Brigitte [DE/DE]; Rosegger Strasse 21, 60320 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B29D 11/00, B29C 45/37, 33/30
- (11) WO 2004/096529 (13) A1
- (21) PCT/JP2003/012688
- (22) 2 Oct/oct 2003 (02.10.2003)
- (25) en (26) en
- (30) 2003-123775 28 Apr/avr 2003 JP (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF PRODUCING A POLARIZED LENS AND A CASTING DIE USED IN THE SAME
- PROCEDE DE PRODUCTION DE LENTILLES POLARISEES ET MATRICE DE COULEE A CET EFFET
- (71, 72) TAKEDA, Yukio [JP/JP]; Room B-203, Plador Suwa, 18-3-2, Tadasu-cho, Sabae-shi, Fukui 916-0004 (JP).
- (74) TOGAWA, Koji; 9-18, Junka 2-chome, Fukui-shi, Fukui 910-0023 (JP).
- (81) AU US.
- (84) EP (DE FR GB IT).
-
- (51)⁷ B29D 30/64
- (11) WO 2004/096530 (13) A2
- (21) PCT/DE2004/000529
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) de (26) de
- (30) 103 19 352.9 30 Apr/avr 2003 DE (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE FOR ADJUSTING THE DISTANCE BETWEEN TWO TIRE RIM PARTS OF A TIRE PROCESSING MACHINE
- DISPOSITIF DE REGLAGE DE LA DISTANCE ENTRE DEUX ELEMENTS JANTES D'UNE MACHINE DE MANIPULATION DES PNEUMATIQUES
- (71) COLLMANN GMBH & CO. SPEZIALMASCHINENBAU KG [DE/DE]; Moisinger Allee 224, 23558 Lübeck (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KACZOROWSKI, Richard [DE/DE]; Schwarzer Berg 2, 22145 Braak (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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B30B 5/06, B65G 39/16
- (11) WO 2004/096531 (13) A1
- (21) PCT/EP2003/005140
- (22) 16 May/mai 2003 (16.05.2003)
- (25) de (26) de
- (30) 203 06 758.4 2 May/mai 2003 DE (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PRESS COMPRISING A CORRECTION OF A PRESS BAND COURSE
- PRESSE COMPRENANT UNE CORRECTION D'UNE MARCHE DE BANDE DE PRESSAGE
- (71) KRONOSPAN TECHNICAL COMPANY LTD. [CY/CY]; 2 Andrea Zakkou Street, 2404 Engomi, Nicosia (CY). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAIDER, Erich [AT/AT]; c/o Kronotec Consulting GmbH, Christinenweg 1, A-5340 St. Gilgen (AT).
- (74) GILLE, HRABAL, STRUCK, NEIDLEIN, PROP, ROOS; Brucknerstrasse 20, 40593 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 B30B 9/32, B26D 1/00, B02C 4/08, 4/30, 18/14
- (11) WO 2004/096532 (13) A1
- (21) PCT/EP2004/004120
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) de (26) de
- (30) 103 20 509.8 27 Apr/avr 2003 DE (27.04.2003)
- (30) 103 25 368.8 26 May/mai 2003 DE (26.05.2003)
- (30) 103 53 188.2 13 Nov/nov 2003 DE (13.11.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE FOR PRESSING EMPTY CONTAINERS TOGETHER AND METHOD THEREFOR
- DISPOSITIF POUR COMPRIMER DES RECIPIENTS VIDES ET PROCEDE CORRESPONDANT
- (71, 72) SCHWELLING, Hermann [DE/DE]; Hartmannweg 5, 88682 Salem (DE).
- (74) FÜRST, Siegfried; Hansmann & Vogeser, Nördliche Ringstrasse 10, 73033 Göppingen (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 B30B 15/00
- (11) WO 2004/096533 (13) A1
- (21) PCT/JP2004/006277
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) ja (26) ja
- (30) 2003-126504 1 May/mai 2003 JP (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TANDEM PRESS LINE, OPERATION CONTROL METHOD FOR TANDEM PRESS LINE, AND WORK TRANSPORTATION DEVICE FOR TANDEM PRESS LINE
- LIGNE DE PRESSE EN TANDEM, PROCEDE DE CONTROLE D'OPERATION POUR CETTE LIGNE, ET DISPOSITIF DE TRANSPORT DE PIECE DE TRAVAIL CORRESPONDANTE
- (71) KOMATSU LTD. [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 1078414 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAYAMA, Yukiyo [JP/JP]; c/o Komatsu Ltd., Komatsu Plant, 5, Jigata, Yokaichimachi, Komatsu-shi, Ishikawa 9238666 (JP).
- (74) KIMURA, Takahisa et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 1040043 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 15/06

(11) WO 2004/096534 (13) A1

(21) PCT/GB2004/001830

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309864.7 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS TO PRESS PADS

- PERFECTIONNEMENTS RELATIFS A DES TAMPONS DE PRESSE

(71) MARATHON BELTING LIMITED [GB/GB]; Healey Mill, Whitworth Road, Rochdale OL12 0TF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOUGLAS, Melvyn [GB/GB]; Healey Mill, Whitworth Road, Rochdale OL12 0TF (GB). TWEEDALE, Philip [GB/GB]; Healey Mill, Whitworth Road, Rochdale OL12 0TF (GB).

(74) BRAY, Lilian, Janet; L.J. Bray & Co., Raw Holme, Midgehole Road, Hebden Bridge, West Yorkshire HX7 7AF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B31B 1/90

(11) WO 2004/096535 (13) A1

(21) PCT/US2003/029771

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) 10/402,749 28 Mar/mar 2003 US
(28.03.2003)

(30) 10/402,719 28 Mar/mar 2003 US
(28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BAG WITH ELASTIC STRIP AND METHOD OF MAKING THE SAME

- SAC AVEC BANDE ELASTIQUE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) THE GLAD PRODUCTS COMPANY [US/US]; P.O. Box 24305, 1221 Broadway, Oakland, CA 94623-1305 (US).

(72) RUSNAK, John; 7201 Adams Street, Willowbrook, CA 60521 (US). SHOEMAKER, Jeff; 1221 Broadway, Oakland, CA 94612

(US). SHAH, Amit; 7201 Adams Street, Willowbrook, IL 50621 (US). O'HARA, Scott; 7201 Adams Street, Willowbrook, IL 60521 (US).

(74) FEIX, Thomas, C. et al. / etc.; The Clorox Company, P.O. Box 24305, Oakland, CA 94623-1305 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 5/24, A61K 9/70

(11) WO 2004/096536 (13) A1

(21) PCT/JP2004/006054

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-123035 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOISTURE-PERMEABLE ELASTOMER SHEET

- FEUILLE ELASTOMERE PERMEABLE A L'HUMIDITE

(71) KURARAY CO., LTD. [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OBATA, Soichi [JP/JP]; c/o Kuraray Saijo Co., Ltd., 892, Tsuitachi, Saijo-shi, Ehime 793-8585 (JP). YOSHIDA, Atsushi [JP/JP]; c/o Kuraray Co., Ltd., 12-39, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-8611 (JP).

(74) OHTANI, Tamotsu; Ohtani Patent Office, Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 7/00

(11) WO 2004/096537 (13) A2

(21) PCT/FR2004/000907

(22) 13 Apr/avr 2004 (13.04.2004)

(25) fr (26) fr

(30) 03/04966 23 Apr/avr 2003 FR
(23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LAMINATED PRODUCT WITH AN ELECTRONIC IDENTIFICATION ELEMENT AND IDENTIFICATION AND FOLLOW-UP DEVICE FOR SAID PRODUCTS

- PRODUIT LAMINE AVEC ORGANE D'IDENTIFICATION ELECTRONIQUE ET DISPOSITIF D'IDENTIFICATION ET DE SUIVI DE CES PRODUITS

(71, 72) GASTEL, Daniel, André [FR/FR]; 22, rue Claude Debussy, Domaine de la Bataille, F-78370 Plaisir les Gâtines (FR).

(74) THINAT, Michel; Cabinet Weinstein, 56A, rue du Faubourg Saint Hororé, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 7/12, 27/12, 5/02

(11) WO 2004/096538 (13) A1

(21) PCT/US2004/012180

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,351 25 Apr/avr 2003 US
(25.04.2003)

(30) 60/507,023 29 Sep/sep 2003 US
(29.09.2003)

(30) 60/507,450 30 Sep/sep 2003 US
(30.09.2003)

(30) 10/827,476 19 Apr/avr 2004 US
(19.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SURFACE COVERING

- REVETEMENT DE SURFACE

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US). HAYES, Heather, J. [US/US]; 491 Cardinal Lane, Chesnee, SC 29323 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIGGINS, Kenneth, B. [US/US]; 35 Kindling Cove, LaGrange, GA 30240 (US). TIPPETT, William [GB/GB]; 12 Belmont, Kendall, Cumbria, LA9 4J (GB). SELLMAN, David, N., Jr. [US/US]; 1029 Riverside Drive, LaGrange, GA 30240 (US). LI, Shulong [US/US]; 204 Woodgrove Trace, Spartanburg, SC 29301 (US). GODFREY, Thomas, E. [US/US]; 303 Pineview Drive, Moore, SC 29369 (US). BROWN, Robert,

- S. [US/US]; 213 Yorktown Drive, LaGrange, GA 30240 (US).
- (74) ALEXANDER, Daniel, R.; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 15/08, D06F 75/18
- (11) WO 2004/096539 (13) A1
- (21) PCT/IB2004/050502
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) PCT/SG03/00105 25 Apr/avr 2003 SG (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COATING FOR A STEAM-GENERATING DEVICE
- REVEITEMENT POUR DISPOSITIF GENERATEUR DE VAPEUR
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHI, Jianli [SG/SG]; 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).
BOEHMER, Marcel, R. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
CNOSSEN, Gerard [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VAN WERMESKERKEN, Stephanie, C.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B32B 27/30, C08J 7/04

(11) WO 2004/096540 (13) A1

(21) PCT/JP2004/005995

- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) ja (26) ja
- (30) 2003-123004 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HEAT-SHRINKABLE LAYERED FILM AND PACKAGE MADE WITH THE SAME
- FILM EN COUCHES THERMO-RETRACTABLE ET EMBALLAGE CONÇU AU MOYEN DE CELUI-CI
- (71) KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED [JP/JP]; 9-11, Nihonbashi Horidome-cho 1-chome, Chuo-ku, Tokyo 103-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KASHIMURA, Masayuki [JP/JP]; c/o Packaging Materials Research Laboratories, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). OHIRA, Hiroshi [JP/JP]; c/o Packaging Materials Research Laboratories, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). INABA, Yusaku [JP/JP]; c/o Packaging Materials Research Laboratories, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). TANAKA, Hideaki [JP/JP]; c/o Packaging Materials Research Laboratories, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP).

- (74) MIURA, Yoshikazu; Kurosusaido Kojimachi, 4, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 31/00, B42D 15/00, B26D 1/62
- (11) WO 2004/096541 (13) A1
- (21) PCT/EP2004/004041
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 03009913.9 30 Apr/avr 2003 EP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MACHINE FOR APPLYING AND CUTTING STRIPS OF LAMINATE
- MACHINE PERMETTANT D'APPLIQUER ET DE DECOUPER DES BANDES DE STRATIFIE

- (71) KBA-GIORI S.A. [CH/CH]; 4, rue de la Paix, CH-1003 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHAEDE, Johannes Georg [DE/DE]; Max-Heim-Strasse 8, 97074 Würzburg (DE).
- (74) GROSFILLIER, Philippe et al. / etc.; c/o BUGNION S.A., Case postale 375, CH-1211 Geneve 12 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ B32B 31/10, 31/18, 15/04 // B43L 1/06
- (11) WO 2004/096542 (13) A1
- (21) PCT/BE2004/000047
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 2003/0263 28 Apr/avr 2003 BE (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR MANUFACTURING VISUAL COMMUNICATION PANELS AND DEVICE USED THEREBY
- PROCEDE DE FABRICATION DE PANNEAUX DE COMMUNICATION VISUELLE ET DISPOSITIF UTILISE A CETTE FIN
- (71) POLYVISION, NAAMLOZE VEN-NOOTSCHAP [BE/BE]; Zuidering 56, B-3600 Genk (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GYPEN, Leo [BE/BE]; Schansveldstraat 1, B-3520 Zonhoven (BE).
- (74) DONNÉ, E.; Bureau M.F.J. Bockstaël n.v., Arenbergstraat 13, B-2000 Anwerpen (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ B32B 33/00, E06B 7/16

(11) WO 2004/096543 (13) A1

(21) PCT/US2004/012558

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,079 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PILE WEATHERSTRIPPING DUST
PLUGS
• ATTRAPE-POUSSIÈRE SOUS FORME
DE BOURRELET DE CALFEUTRAGE
EN PILES

(71) ULTRAFAB, INC. [US/US]; 1050 Hook
Road, Farmington, NY 14425 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WYLIE, Grant, E. [US/US]; 8946
Laura Lane, Honeoye, NY 14471 (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 B41F 7/12, 31/02, 7/10, 13/03

(11) WO 2004/096544 (13) A1

(21) PCT/EP2004/050049

(22) 28 Jan/jan 2004 (28.01.2004)

(25) de (26) de

(30) 103 19 772.9 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRINTING MACHINE
• PRESSE

(71) KOENIG & BAUER AKTIENGE-
SELLSCHAFT [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHRISTEL, Ralf [DE/DE]; Erlenweg
2, 96132 Aschbach (DE). HAHN, Oliver,
Frank [DE/DE]; Würzburger Str. 21, 97209
Veitshöchheim (DE). SCHASCHEK, Karl,
Erich, Albert [DE/DE]; Schulstr. 23, 97289
Thüngen (DE).

(74) KOENIG & BAUER AKTIENGE-
SELLSCHAFT; Lizenzen - Patente,
Friedrich-Koenig-Str. 4, 97080 Würzburg
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B41F 15/42

(11) WO 2004/096545 (13) A2

(21) PCT/CH2004/000128

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 19 773.7 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREEN PRINTING CYLINDER
• CYLINDRE DE SERIGRAPHIE

(71) KBA-GIORI S.A. [CH/CH]; Rue de la Paix
4, CH-1003 Lausanne (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BARROIS, Claus-Dieter [DE/DE];
Marktheidenfelder Str. 31, 97837 Erlenbach
(DE). HENDLE, Thomas [DE/CH]; Place
de la Cathédrale 5, CH-1005 Lausanne (CH).
HOIER, Günther, Josef [DE/DE]; Speck-
ertsweg 9, 97209 Veitshöchheim (DE).

(74) GANGUILLET, Cyril et al. / etc.; Abrema
Agence Brevets et Marques Ganguillet &
Humphrey, Avenue du Théâtre 16, Postfach
2065, CH-1002 Lausanne (CH).

(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 :

(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 B41F 33/00

(11) WO 2004/096546 (13) A1

(21) PCT/EP2004/050658

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 770.2 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICES FOR CONTROLLING AT
LEAST ONE REGISTER IN A PRINT-
ING MACHINE

• DISPOSITIFS POUR RÉGLER AU
MOINS UN REGISTRE D'UNE PRESSE

(71) KOENIG & BAUER AKTIENGE-
SELLSCHAFT [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BUDACH, Stefan, Arthur [DE/DE];
Landertweg 17, 32758 Detmold (DE). LO-
HWEG, Volker [DE/DE]; Linnenstr. 35,
33699 Bielefeld (DE). STÖBER, Bernd,
Rüdiger [DE/DE]; Kaiserforst 19, 33378
Rheda-Wiedenbrück (DE). WILLEKE, Har-
ald, Heinrich [DE/DE]; Robert-Koch-Str.
12a, 33102 Paderborn (DE).

(74) KOENIG & BAUER AKTIENGE-
SELLSCHAFT; 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).

Published / Publiée : (c)

(51)⁷ B41F 33/00

(11) WO 2004/096547 (13) A2

(21) PCT/EP2004/050662

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 771.0 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM FOR INSPECTING A
PRINTED IMAGE• SYSTEMES POUR INSPECTER UNE
IMPRESSION(71) KOENIG & BAUER AKTIENGE-
SELLSCHAFT [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SACHER, Jörn [DE/DE]; Schöneberger
Str. 1, 32120 Hiddenhausen (DE).
WILLEKE, Harald, Heinrich [DE/DE];
Robert-Koch-Str. 12a, 33102 Paderborn
(DE).(74) KOENIG & BAUER AKTIENGE-
SELLSCHAFT; 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 B41J

(11) WO 2004/096548 (13) A2

(21) PCT/US2004/012774

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,452 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-FUNCTION MEDIA EJECT
SYSTEM IN AN INKJET PRINTER• SYSTEME D'EJECTION A SUPPORT
MULTIFONCTION DANS UNE IMPRI-
MANTE A JET D'ENCRE(71) LEXMARK INTERNATIONAL, INC.
[US/US]; 740 West New Circle Road, Lex-
ington, KY 40550 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) ROBERTSON, Douglas, Laurence; 4512
Saron Drive, Lexington, KY 40515 (US).
MAYO, Randall, David; 103 Louisa Lane,
Georgetown, KY 40324 (US). STOUT,
Barry, Baxter; 3669 White Pine Drive, Lex-
ington, KY 40514 (US). MARRA, Michael,
Anthony, III; 2021 Langhorne Drive, Lex-
ington, KY 40514 (US). COUSINS, Walter,
Kevin; 2021 Langhorne Drive, Lexington,
KY 40514 (US).(74) JACOBS, Elizabeth, C.; Lexmark Interna-
tional, Inc., 740 West New Circle Road, Lex-
ington, KY 40550 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B41J

(11) WO 2004/096549 (13) A2

(21) PCT/US2004/013539

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/426,151 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INK CARTRIDGE RESERVOIR

• RESERVOIR DE CARTOUCHE
D'ENCRE(71) HEWLETT-PACKARD DEVELOP-
MENT COMPANY, L.P. [US/US];
Hewlett-Packard Company, Intellectual
Property Administration, 20555 S.H. 249,
Houston, TX 77070 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HANKINS, James [US/US]; 5920 SW
Banyon Circle, Corvallis, OR 97333 (US).
PETERSEN, Daniel, W. [US/US]; 24955
Pleasant View Drive, Philomath, OR 97370
(US).(74) JOLLY, Thomas, A. et al. / etc.; Hewlett-
Packard Company, Intellectual Property Ad-
ministration, P.O. Box 272400, Mail Stop 35,
Fort Collins, CO 80527-2400 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 PLPT RO RU SC SD SE SG SK SL 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 B41J

(11) WO 2004/096550 (13) A2

(21) PCT/US2004/013697

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,955 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INKJET PRINTING METHOD

• PROCEDE D'IMPRESSION A JET
D'ENCRE(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) JACKSON, Christian [US/US]; 1202
Ipswich Drive, Wilmington, DE 19808 (US).
SPINELLI, Harry, Joseph [US/US]; 4604
Big Rock Drive, Wilmington, DE 19802
(US).(74) LERMAN, Bart, 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).(51)⁷ B41J 2/045

(11) WO 2004/096551 (13) A1

(21) PCT/IB2004/050529

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en
(30) 03101223.0 **2 May/mai 2003** EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR ACCURATELY CONTROLLING THE VOLUME OF INK DROPLETS EMITTED FROM A PRINT HEAD

• METHODE DE COMMANDE PRECISE DU VOLUME DES GOUTTELETTES D'ENCRE PROJETEES PAR UNE TETE D'IMPRESSION

(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) DIJKSMAN, Johan, F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KLEIJER, Steven, F. [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).

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 B41J 2/045

(11) WO 2004/096552 (13) A1

(21) PCT/JP2004/006204

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003-127156 **2 May/mai 2003** JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE REPRODUCING/FORMING APPARATUS WITH PRINT HEAD OPERATED UNDER IMPROVED DRIVING WAVEFORM

• APPAREIL DE MISE EN FORME/REPRODUCTION D'IMAGES POURVU

D'UNE TETE D'IMPRESSION FONCTIONNANT PAR LE BIAIS DE FORME D'ONDE D'ACTIVATION AMELIOREE

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATO, Tomomi [JP/JP]; 341-201, Itado, Ischara-shi, Kanagawa, 2591145 (JP).

(74) ITOH, Tadahiko; Yebisu Garden Place Tower, 32nd Floor, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/14, 2/155

(11) WO 2004/096553 (13) A1

(21) PCT/JP2004/006086

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2003-124102 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-124101 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-124100 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-124099 **28 Apr/avr 2003** JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INK JET HEAD UNIT AND INK JET RECORDING APPARATUS MOUNTED WITH THE SAME

• ENSEMBLE TETE JET D'ENCRE ET APPAREIL D'ENREGISTREMENT A JET D'ENCRE EQUIPE DUDIT ENSEMBLE

(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) NAKASHIMA, Hiroaki; CHIKANAWA, Kazunari; TOMARI, Seishi; MATSUBA, Hiroyuki; NAKAGAWA, Tohru; TORII, Hideo; KAMADA, Takeshi

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, ARK Mori Building, 13th Floor, 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 B41J 2/14, 2/155

(11) WO 2004/096554 (13) A1

(21) PCT/JP2004/006089

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2003-124099 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-124102 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-124101 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-124100 **28 Apr/avr 2003** JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INK JET RECORDING APPARATUS

• APPAREIL D'ENREGISTREMENT A JET D'ENCRE

(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) MATSUBA, Hiroyuki; NAKAGAWA, Tohru; TORII, Hideo; KAMADA, Takeshi; CHIKANAWA, Kazunari; NAKASHIMA, Hiroaki; TOMARI, Seishi

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, ARK Mori Building, 13th Floor, 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 B41J 2/14

(11) WO 2004/096555 (13) A1

(21) PCT/US2004/013162

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/426,561 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FLUID EJECTION DEVICE WITH COMPRESSIVE ALPHA-TANTALUM LAYER
• DISPOSITIF D'EJECTION DU LIQUIDE A COUCHE ALPHA-TANTALE DE COMPRESSION

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; Hewlett-Packard Company, Intellectual Property Administration, 20555 S.H. 249, Houston, TX 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FARTASH, Arjang [US/US]; 6234 SW Arbor Grove Drive, Corvallis, OR 97333 (US).

(74) MILIKOVSKY, Dmitry R. et al. / etc.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Mail Stop 35, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 all designations / pour toutes les désignations

(51)⁷ B41J 2/155

(11) WO 2004/096556 (13) A2

(21) PCT/JP2004/006046

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2003-124099 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-124100 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-124101 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-124102 28 Apr/avr 2003 JP (28.04.2003)

(30) 2004-110804 5 Apr/avr 2004 JP (05.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOZZLE HEAD, LINE HEAD USING THE SAME, AND INK JET RECORDING APPARATUS MOUNTED WITH ITS LINE HEAD

• TETE A BUSES, TETE D'IMPRESSION DE LIGNE COMPRENANT CETTE TETE A BUSES ET IMPRIMANTE A JET D'ENCRE EQUIPEE DE CETTE TETE D'IMPRESSION DE LIGNE

(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) CHIKANAWA, Kazunari-NAKASHIMA, HiroakiTOMARI, SeishiMATSUBA, HiroyukiNAKAGAWA, TohruTORII, HideoKAMADA, Takeshi

(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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 B41J 2/16

(11) WO 2004/096557 (13) A1

(21) PCT/US2004/012283

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/422,153 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INKJET PRINthead NOZZLE PLATE
• PLAQUE DE BUSE DE TETE D'IMPRESSION A JET D'ENCRE

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) PATIL, Girish, S.; 2345 Golden Oak Drive, Lexington, KY 40550 (US).

(74) BARKER, Scott, N.; Lexmark International, Inc., 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 B41J 2/175, 2/17

(11) WO 2004/096558 (13) A1

(21) PCT/JP2004/005892

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003-122004 25 Apr/avr 2003 JP (25.04.2003)

(30) 2003-122007 25 Apr/avr 2003 JP (25.04.2003)

(30) 2004-095261 29 Mar/mar 2004 JP (29.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INK CARTRIDGE, RECORDING APPARATUS EMPLOYING INK CARTRIDGE, AND MANUFACTURING METHOD FOR INK CARTRIDGE

• CARTOUCHE D'ENCRE, APPAREIL D'IMPRESSION UTILISANT CETTE CARTOUCHE D'ENCRE ET PROCEDE DE FABRICATION DE CETTE CARTOUCHE D'ENCRE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUJIMOTO, Akira [JP/JP]; 1-7-5, Higashiyamata, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0023 (JP). SHIMODA, Junji [JP/JP]; 4-6-19, Higashikaiganminami, Chigasaki-shi, Kanagawa 253-0054 (JP). KUDO, Kiyomitsu [JP/JP]; 389-5, Shimooyamadamachi, Machida-shi, Tokyo 194-0202 (JP). KUDO, Satoshi [JP/JP]; 5-12-32-1-A, Kikuna, Kohoku-ku, Yokohama-shi, Kanagawa 222-0011 (JP). SUZUKI, Toru [JP/JP]; 6-10-22-B-101, Tsunashimanishi, Kohoku-ku, Yokohama-shi, Kanagawa 223-0053 (JP).

(74) YAMADA, Ryuichi; TOKO International Patent Office, Hasegawa Bldg. 4F, 7-7, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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) **B41J 2/175**

(11) **WO 2004/096559** (13) A1

(21) PCT/JP2004/005893

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 2003-122005 **25 Apr/avr 2003 (25.04.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INK CARTRIDGE

• CARTOUCHE D'ENCRE

(71) **CANON KABUSHIKI KAISHA** [JP/JP]; 30-2, Shimomarucho 3-chome, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKI, Toru** [JP/JP]; 6-10-22-B-101, Tsunashimanishi, Kohoku-ku, Yokohama-shi, Kanagawa 223-0053 (JP). **SHIMODA, Junji** [JP/JP]; 4-6-19, Higashikaiganminami, Chigasaki-shi, Kanagawa 253-0054 (JP). **TSUJIMOTO, Akira** [JP/JP]; 1-7-5, Higashiyamata, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0023 (JP). **KUDO, Kiyomitsu** [JP/JP]; 389-5, Shi-mooyamadamachi, Machida-shi, Tokyo 194-0202 (JP).

(74) **YAMADA, Ryuichi**; TOKO International Patent Office, Hasegawa Bldg. 4F, 7-7, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 2004/096560** (13) A2

(21) PCT/US2004/013164

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 10/425,366 **29 Apr/avr 2003 (29.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND APPARATUS FOR REDUCING THE PRINT-JOB COMPLETION TIME FOR A PRINTER HAVING AN INTERMITTENT-REFILL PRINthead

• PROCEDES ET APPAREILS POUR REDUIRE LE TEMPS DE REALISATION D'IMPRESSION D'UNE IMPRIMANTE PRESENTANT UNE TETE D'IMPRESSION A RECHARGE ALTERNATIVE

(71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; Hewlett-Packard Company, Intellectual Property Administration, 20555 S.H. 249, Houston, TX 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTIS, David, R., Jr.** [US/US]; 3154 NW Johnson Avenue, Corvallis, OR 97330 (US).

(74) **BAKER, Larry, D. et al.** / etc.; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Mail Stop 35, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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 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 **B41J 3/28, 3/407, 11/00**

(11) **WO 2004/096561** (13) A1

(21) PCT/EP2004/003573

(22) **3 Apr/avr 2004 (03.04.2004)**

(25) de (26) de

(30) 103 18 988.2 **25 Apr/avr 2003 (25.04.2003)** DE

(30) 203 14 522.4 **11 Sep/sep 2003 (11.09.2003)** DE

(30) 203 19 355.5 **10 Dec/déc 2003 (10.12.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FACING ELEMENT

• ELEMENT DE PAREMENT

(71) **TAMPOPRINT AG** [DE/DE]; Llingwiesenstr. 1, 70825 Kornthal-Münchingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHILIPP, Wilfried** [DE/DE]; Lenbachstr. 8, 70806 Kornwestheim (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 PL PT 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 **B41J 11/00, 13/22, B65H 5/36, G03G 15/00**

(11) **WO 2004/096562** (13) A1

(21) PCT/IL2003/000351

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DECURLER AND STABILIZER FOR LIGHT-WEIGHT PAPERS

• REDRESSEUR ET STABILISATEUR DE BANDE POUR PAPIERS LEGERS

(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) **FEYGELMAN, Alex** [IL/IL]; 29/7 ARLOZOROV STREET, 49408 PETACH TIKVA (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 **B41J 29/02, 29/13**

(11) **WO 2004/096563** (13) A1

(21) PCT/GB2004/001777

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 0309913.2 **30 Apr/avr 2003 GB**
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPOSABLE PRINTER

• IMPRIMANTE JETABLE

(71, 72) **ROCHFORD, Craig** [GB/GB]; The Old Farm House, Hampshire SP11 8AS (GB). **ROCHFORD, Sean** [GB/GB]; Manor Farm, Hamble, Hampshire SO31 4JE (GB). **WOODIWISS, Mark, Andrew** [GB/GB]; 46 Ty-Fry Road, Rumney, Cardiff CF3 3JN (GB).

(74) **BENNETT, Adrian, Robert, James et al.** / etc.; AA Thornton & Co, 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41L**

(11) **WO 2004/096564** (13) A2

(21) PCT/US2004/013093

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/424,591 **28 Apr/avr 2003 US**
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-FUNCTION DEVICE HAVING GRAPHICAL USER INTERFACE INCORPORATING CUSTOMIZABLE ICONS

• DISPOSITIF MULTIFONCTIONS AVEC INTERFACE UTILISATEUR GRAPHIQUE DOTÉE D'ICÔNES PERSONNALISABLES

(71) **LEXMARK INTERNATIONAL, INC** [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **CHIVERS, Gregory, A.**; 8729 Trailwood Ct., N. Richland Hills, TX 76180 (US). **FARO, Christopher, S.**; 4408 River

Ridge Rd., Lexington, KY 40515 (US). **KLEMPERER, Nathan, K.**; 1642 Meadowthorpe Avenue, Lexington, KY 40511 (US). **KROUSE, Jennifer, L.**; 2024 Justin Place, Lexington, KY 40509 (US). **STEELE, John, S.**; 4417 River Ridge Rod, Lexington, KY 40515 (US).

(74) **GARCIA, Christine, K.**; Lexmark International, Inc, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**

(11) **WO 2004/096565** (13) A2

(21) PCT/US2004/012955

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/424,590 **28 Apr/avr 2003 US**
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CUSTOMIZABLE MULTI-FUNCTION PRINTING DEVICE

• DISPOSITIF D'IMPRESSION MULTI-FONCTION PERSONNALISABLE

(71) **LEXMARK INTERNATIONAL, INC** [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **CHIVERS, A., Greg**; 8729 Trailwood Court, N. Richland Hills, TX 76180 (US). **FARO, Christopher, S.**; 4408 River Ridge Rd., Lexington, KY 40515 (US).

GOFFINET, Kevin, P.; 2201 Savannah Lane, Lexington, KY 40513 (US). **SEEVERS, Timothy S.**; 2281 Dogwood Trace Blvd., Lexington, KY 40514 (US). **SPARKS, Randy, S.**; 467 Huntington Court, Lexington, KY 40509 (US). **STEELE, John, S.**; 4417 River Ridge Road, Lexington, KY 40515 (US). **WEBB, James, F.**; 3808 Heimbaugh Lane, Lexington, KY 40504 (US).

(74) **GARCIA, Christine, K.**; Lexmark International, Inc, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00**

(11) **WO 2004/096566** (13) A1

(21) PCT/EP2004/004159

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) de (26) de

(30) 103 19 741.9 **30 Apr/avr 2003 DE**
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR IMPROVING PRINT-ABILITY ON PAPER OR PAPER PRODUCTS WITH THE AID OF INK-JET PRINTING METHOD

• PROCEDE POUR AMELIORER LE TRAVAIL D'IMPRESSION SUR DU PAPIER OU DES PRODUITS EN PAPIER LORS DE L'IMPRESSION A L'AIDE D'UN PROCEDE D'IMPRESSION A JET D'ENCRE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINHART, Friedrich** [DE/DE]; Richard-Kuhn Str. 37, 69123 Heidelberg (DE). **MULDER, Rudi** [NL/NL]; Zicht 14, NL-3781 CE Voorthuizen (NL). **KASPER, Andreas** [DE/DE]; Amselstr. 59, 66994 Dahn (DE). **BOHLMANN, Klaus** [DE/DE]; Gronauer Str. 39, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41M 5/26, G11B 7/24**

(11) **WO 2004/096567** (13) A1

(21) PCT/JP2004/006112

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) ja (26) ja

(30) 2003-125803 **30 Apr/avr 2003 JP**
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHASE-CHANGE RECORDING MATERIAL AND INFORMATION RECORDING MEDIUM

• MATERIAU D'ENREGISTREMENT A CHANGEMENT DE PHASE ET

SUPPORT D'ENREGISTREMENT
D'INFORMATIONS

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHNO, Takashi** [JP/JP]; c/o Mitsubishi Kagaku Media Corporation, Ltd., 31-19, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP). **HORIE, Michikazu** [JP/JP]; c/o Mitsubishi Kagaku Media Corporation, Ltd., 31-19, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/24**

(11) **WO 2004/096568** (13) A2

(21) PCT/EP2004/003096

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) de (26) de

(30) 103 18 909.2 **26 Apr/avr 2003 DE (26.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRINTING A SURFACE
• PROCÉDE D'IMPRESSION D'UNE SURFACE

(71) **BRAUN GMBH** [DE/DE]; Frankfurter Strasse 145, 61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HECKENTHALER, Roland** [DE/DE]; Kirchberg 4, 55288 Gabsheim (DE). **HOLZAPFEL, Walter** [DE/DE]; Umbachsweg 30, 34123 Kassel (DE). **DE BUHR, Harald** [DE/DE]; Niederhöchstädter Str. 10, 61476 Kronberg (DE).

(74) **BRAUN GMBH**; Frankfurter Strasse 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B41N 7/06, B41C 1/18, B41N 7/00, B41F 13/11, B29C 31/04**

(11) **WO 2004/096569** (13) A2

(21) PCT/GB2004/001880

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 0310116.9 **2 May/mai 2003 GB (02.05.2003)**

(30) 0319341.4 **16 Aug/août 2003 GB (16.08.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MANUFACTURE OF GRAVURE PRINTING ROLLERS
• FABRICATION DE CYLINDRES D'HELIOGRAVURE

(71) **HYPERLAST LIMITED** [GB/GB]; Station Road, Birch Vale, High Peak, Derbyshire SK22 1BR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANKLIN, Charles, Jeremy** [GB/GB]; 27 Pownall Street, Macclesfield, Cheshire SK10 1DF (GB). **CUMMING, Lister, Charles** [GB/GB]; 7 Premier Avenue, The Shires, Ashbourne, Derbyshire DE6 1LH (GB). **WILLIAMS, Peter, John** [GB/GB]; 33 Cavendish Road, St. Annes, Lancashire FY8 2PY (GB).

(74) **MIDDLEMIST, Ian, Alastair** et al. / etc.; Wilson Gunn M'Caw, 5th Floor, Blackfriars House, The Parsonage, Manchester M3 2JA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B42D**

(11) **WO 2004/096570** (13) A2

(21) PCT/IL2004/000354

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 155659 **29 Apr/avr 2003 IL (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR PROVIDING EMBOSSED HIDDEN IMAGES
• PROCÉDE ET APPAREIL POUR FORMER DES IMAGES EN RELIEF CACHÉES

(71) **STARBOARD TECHNOLOGIES LTD.** [IL/IL]; 17 Topaz Street, Cluster 11, 38900 Caesarea (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLAN, Ron** [IL/IL]; 21 Benayahu Street, 69084 Tel Aviv (IL).

(74) **AGMON, Jonathan** et al. / etc.; Soroker - Agmon, Advocates & Patent Attorneys, Nolton House, 14 Shenkar Street, 46725 Herzliya Pituach (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 **B42D**

(11) **WO 2004/096571** (13) A2

(21) PCT/US2004/012522

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,597 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRINTABLE INTERMEDIATE CONSTRUCTION INCORPORATING REGISTRATION POSITIONED LAMINATE COMPONENTS THAT CAN BE IMAGED AND THEN EASILY FORMED INTO A LAMINATED CARD OR DECAL ON DEMAND

• DISPOSITIF INTERMEDIAIRE IMPRIMABLE, COMPRENANT DES ELEMENTS STRATIFIES A POSITION D'ENREGISTREMENT POUVANT ETRE ILLUSTRÉS PUIS AISEMENT INTEGRÉS DANS UNE CARTE STRATIFIÉE OU UNE DECALCOMANIE SI NECESSAIRE

(71) **PROCESS LABEL SYSTEMS** [US/US]; 3615 - 29th Avenue NE, Minneapolis, Minnesota 55418 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'KEEFE, Robert, V.** [US/US]; 4350 McDonald Dr. Ct. N., Stillwater, Minnesota 55082 (US). **STOICK, Andrew, J.** [US/US]; 4551 Blaisdell Ave. So., Minneapolis, Minnesota 55409 (US). **THADEN, Danny, D.** [US/US]; 407 S.W. 11th Ave., No. 207, Forest Lake, Minnesota 55025 (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/08, B42F 5/00, 7/00**
(11) **WO 2004/096572** (13) A1
(21) PCT/JP2003/008827
(22) **11 Jul/juil 2003 (11.07.2003)**
(25) ja (26) ja
(30) 2003-163011 **2 May/mai 2003 JP**
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DIGITAL PHOTO MOUNTING BOARD
• CARTON POUR MONTAGE DE PHOTO
NUMERIQUE
- (71, 72) **IJIMA, Keita** [JP/JP]; 43-2, Higashi-
iogu 4-chome, Arakawa-ku, Tokyo 116-0012
(JP).
- (81) AU CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **B42D 15/00, G06K 19/06**
(11) **WO 2004/096573** (13) A2
(21) PCT/EP2004/004538
(22) **29 Apr/avr 2004 (29.04.2004)**
(25) en (26) en
(30) 03462003.9 **30 Apr/avr 2003 EP**
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AUTHENTICATION METHOD AND
SYSTEM
• PROCEDE ET SYSTEME
D'AUTHENTIFICATION
- (71) **HEWLETT-PACKARD MAG-
YARORSZAG SZAMI-TASTECHNIKAI
ES ELEKTRONIKAI BEREN-
DEZESEKET FORGALMAZO ES
SZOLGALTATO KORLATOLT
FELELOSSEGU TARAOSAG** [HU/HU];
1 Neumann Janos u., Budapest, H-1117
(HU).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **HARASZTI, Attila** [HU/HU]; Bonyh,
di 106, Budapest, N/A H-1141 Hungary
(HU). **MARSOVSZKV, Laszlo** [HU/HU];
544, Street 36, Budapest, H-1173 (HU).
KATONA, Gvula [HU/HU]; Mexikoi ut
31/a, Budapest, H-1145 (HU). **NEMETZ,
Tibor** [HU/HU]; Krisztina ter 10.5.em.19.,
Budapest, H-1013 (HU). **DEZSO, Miklos**
[HU/HU]; Hunyard koz.4., Budapest, H-1121
(HU). **CSIRMAZ, Laszlo** [HU/HU]; Fo u.
44/a, Budajeno, H-2093 (HU). **ODON, Pin-
ter** [HU/HU]; Nagykorosi u.40.11.em.11.,
Budapest, H-1196 (HU). **FARKAS, Odon**
[HU/HU]; Godorhazy u.22., Gyenesdias,
H-8315 (HU).

- (74) **MARSH, David, John**; 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).
-
- (51)⁷ **B42F 1/02**
(11) **WO 2004/096574** (13) A1
(21) PCT/CA2004/000647
(22) **30 Apr/avr 2004 (30.04.2004)**
(25) en (26) en
(30) 10/428,080 **2 May/mai 2003 US**
(02.05.2003)
- (30) 60/552,191 **12 Mar/mar 2004 US**
(12.03.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ROTATABLE CLIP
• PINCE ROTATIVE
- (71) **ERGO-INDUSTRIAL SEATING SYS-
TEMS INC.** [CA/CA]; 5616 McAdam
Drive, Mississauga, Ontario L4Z 1P1 (CA).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **CASSADAY, Terry** [CA/CA]; 306 Vesta
Drive, Toronto, Ontario M5P 3A1 (CA).
- (74) **GIERCZAK, Eugene, J. A.**; c/o Miller
Thomson LLP, Suite 2500, 20 Queen Street
West, Toronto, Ontario M5H 3S1 (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 **B42F 13/00**
(11) **WO 2004/096575** (13) A1
(21) PCT/JP2004/004678
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) ja (26) ja
(30) PCT/JP03/05541 **30 Apr/avr 2003 JP**
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • BINDER FOR FILING TOOL

- RELIURE POUR OUTIL DE CLASSE-
MENT
- (71) **KING JIM CO., LTD.** [JP/JP]; 10-18, Hi-
gashi-Kanda 2-chome, Chiyoda-ku, Tokyo
1010031 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SHIMADA, Hiroshi** [JP/JP]; c/o
King Jim Co., Ltd., 10-18, Higashi-Kanda
2-chome, Chiyoda-ku, Tokyo 1010031 (JP).
TODA, Naotoshi [JP/JP]; c/o King Jim
Co., Ltd., 10-18, Higashi-Kanda 2-chome,
Chiyoda-ku, Tokyo 1010031 (JP). **YATABE,
Tomohiro** [JP/JP]; c/o King Jim Co., Ltd.,
10-18, Higashi-Kanda 2-chome, Chiyoda-ku,
Tokyo 1010031 (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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **B42F 13/06**
(11) **WO 2004/096576** (13) A1
(21) PCT/JP2003/005541
(22) **30 Apr/avr 2003 (30.04.2003)**
(25) ja (26) ja
(43) 11 Nov/nov 2004 (11.11.2004)
- (54) • BINDER FOR FILING TOOL
• DISPOSITIF DE RELIURE CONÇU
POUR UN OUTIL DE CLASSEMENT
- (71) **KING JIM CO., LTD.** [JP/JP]; 10-18, Hi-
gashi-Kanda 2-chome, Chiyoda-ku, Tokyo
101-0031 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SHIMADA, Hiroshi** [JP/JP]; c/o KING
JIM CO., LTD., 10-18, Higashi-Kanda
2-chome, Chiyoda-ku, Tokyo 101-0031 (JP).
TODA, Naotoshi [JP/JP]; c/o KING JIM
CO., LTD., 10-18, Higashi-Kanda 2-chome,
Chiyoda-ku, Tokyo 101-0031 (JP). **YATABE,
Tomohiro** [JP/JP]; c/o KING JIM CO., LTD.,
10-18, Higashi-Kanda 2-chome, Chiyoda-ku,
Tokyo 101-0031 (JP).
- (74) **HAMADA, Haruo**; Wisdom House, 4-12,
Minami-Aoyama 3-chome, Minato-ku,
Tokyo 107-0062 (JP).
- (81) CN JP KR US.
- (84) EP (DE FR GB).
-
- (51)⁷ **B43K**
(11) **WO 2004/096577** (13) A2
(21) PCT/US2004/009132
(22) **25 Mar/mar 2004 (25.03.2004)**
(25) en (26) en

(30) 10/424,411 **28 Apr/avr 2003** US
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WRITING ASSEMBLY WITH ERASER ASSEMBLY

• ENSEMBLE D'ECRITURE COMPRENANT UN ENSEMBLE DE GOMME

(71) SANFORD L.P. [US/US]; 29 East Stephenson Street, Freeport, IL 61032 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARSCHAND, Bret, R. [US/US]; 612 S. Harvey, Apt. 1N, Oak Park, IL 60304 (US). ANDREWS, Neville, E. [GB/US]; 954 Campbell Drive, Naperville, IL 60563 (US).

(74) CRAANE, Paul, C.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive., 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B44C 1/00

(11) WO 2004/096578 (13) A2

(21) PCT/FR2004/000932

(22) 15 Apr/avr 2004 (15.04.2004)

(25) fr (26) fr

(30) 0305151 **28 Apr/avr 2003** FR
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COVER SHELL AND METHOD FOR THE PRODUCTION THEREOF

• COQUE DE RECOUVREMENT ET SON PROCEDE DE FABRICATION

(71, 72) LECOMTE, Sylvie [FR/FR]; 17bis rue Haute Pommerai, F-60300 APREMONT (FR).

(74) JAUNEZ, Xavier et al. / etc.; c/o CABINET BOETTCHER, 22 rue du Général Foy, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B44C 1/00

(11) WO 2004/096579 (13) A1

(21) PCT/GB2003/002626

(22) 19 Jun/juin 2003 (19.06.2003)

(25) en (26) en

(30) 0309629.4 **28 Apr/avr 2003** GB
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SELECTION SYSTEM

• SYSTEME DE SELECTION

(71) OMNOVA WALLCOVERING (UK) LIMITED [GB/GB]; Tonbridge Road, East Peckham, Tonbridge, Kent TN12 5JX (GB). OMNOVA SOLUTIONS, INC. [US/US]; 175 Ghent Road, Fairlawn, OH 44333-3300 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCOULLER, James, Paul [GB/GB]; 6 Highlands, Flitwick, Bedfordshire MK45 1DW (GB). DELAFIELD, Christopher, Hugh [GB/GB]; 7 Chapel Square, Stewkley, Nr Leighton Buzzard, Bedfordshire LU7 0HA (GB).

(74) SLINGSBY, Philip, Roy et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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).

(51)⁷ B60B 27/02

(11) WO 2004/096580 (13) A1

(21) PCT/EP2004/004201

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 203 06 760.6 **2 May/mai 2003** DE
(**02.05.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BICYCLE HUB

• MOYEU DE BICYCLETTE

(71) CANYON BICYCLES GMBH [DE/DE]; Koblenzer Strasse 236, 56073 Koblenz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMOLIK, Hans-Christian [DE/DE]; Dorfstrasse 34f, 84163 Freinberg-Marklkofen (DE).

(74) VON KIRSCHBAUM, Alexander et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 B60B 35/16

(11) WO 2004/096581 (13) A1

(21) PCT/IT2003/000270

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INVERTED PORTAL AXLE CONFIGURATION FOR A LOW FLOOR VEHICLE

• CONFIGURATION INVERSE D'AXE DE PORTE POUR VEHICULE A FAIBLE GARDE AU SOL

(71) ARVINMERITOR TECHNOLOGY, LLC [US/US]; 2135 W. Maple Road, Troy, MI 48084 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRILL, Lawrence, D. [US/US]; 620 Mohican Way, Westerville, OH 43081 (US). CONTI, Corrado, A. [IT/IT]; Via Fara N° 25, I-28100 Novara (IT). HAYES, Brian, D. [US/US]; 191 Jefferson road, Newark, OH 43055 (US). HUNTER, Steven, E. [US/US]; 3144 Crawfis Road, Lancaster, OH 43130 (US). MAINERI, Fabio [IT/IT]; Via M. Macchi N° 4, I-20124 Milano (IT). DOPICO VARELA, Tomaz [BR/US]; 134 Windrow Court, Gahanna, OH 43230 (US).

(74) ROBBA, Pierpaolo et al. / etc.; Interpatent S.R.L., Via Caboto, 35, I-10129 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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) WO 2004/096582 (13) A2

(21) PCT/US2004/011157

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/422,235 **24 Apr/avr 2003** US
(**24.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATED CORE PACKAGE PLACEMENT

• PLACEMENT AUTOMATIQUE
D'ENSEMBLE DE NOYAU

(71) INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC [US/US]; 4201 Winfield Road, Warrenville, IL 60555 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WICK, Gary, L. [US/US]; 24412 Sandy Point Drive, Wind Lake, WI 53185 (US). LINN, Douglas, K. [US/US]; 2200 Oaklawn Avenue, Waukesha, WI 53188 (US). CRUSAN, William, A. [US/US]; S51 W23026 Partridge Lane, Waukesha, WI 53189 (US). CHOPP, Jeffrey, J. [US/US]; 26721 75th Street, Salem, WI 53168 (US).

(74) SULLIVAN, Dennis, Kelly et al. / etc.; 4201 Winfield Road, Warrenville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B60C 11/18, 1/00, B29D 30/60

(11) WO 2004/096583 (13) A1

(21) PCT/IT2003/000262

(22) 28 Apr/avr 2003 (28.04.2003)

(25) it (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PNEUMATIC TIRE PROVIDED WITH A MULTI-LAYERED TREAD AND PROCESS FOR ITS MANUFACTURE

• PNEU COMPRENANT UNE BANDE DE ROULEMENT MULTICOUCHE ET PROCEDE DE FABRICATION

(71) PIRELLI PNEUMATICI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOSI, Piero [IT/IT]; c/o Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT). DE CANCELLIS, Pierluigi [IT/IT]; c/o Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT). LO

PRESTI, Gaetano [IT/IT]; c/o Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT). NOTO, Rodolfo [IT/IT]; c/o Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT). LACAGNINA, Claudio [IT/IT]; c/o Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(74) CASTIGLIA, Paolo et al. / etc.; Porta, Ceccacci & Associati S.p.A., Via Trebbia, 20, I-20135 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 B60C 17/00, 5/14, 1/00

(11) WO 2004/096584 (13) A1

(21) PCT/EP2004/004032

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/05214 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENDED MOBILITY TYRE COMPRISING SEVERAL IMPERVIOUS LAYERS

• PNEUMATIQUE A MOBILITE ETENDUE COMPORTANT PLUSIEURS COUCHES ETANCHES

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; r10 et 12, route Louis-Braille, CH-1763 Granges-Paccot (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JARDINE, David [GB/FR]; 6, rue d'Ambert, F-63000 Clermont-Ferrand (FR). ROYER, Thierry [FR/FR]; 32, impasse de la Piale, F-63670 La Roche Blanche (FR). CHAUFFOUR, Christian [FR/FR]; 16, allée de Rochefeuille, F-63000 Clermont-Ferrand (FR).

(74) DEQUIRE, Philippe; M.F.P. Michelin, 23, place des Carmes Dechaux, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60C 25/02

(11) WO 2004/096585 (13) A2

(21) PCT/NL2004/000285

(22) 29 Apr/avr 2004 (29.04.2004)

(25) nl (26) en

(30) 1023315 1 May/mai 2003 NL (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TYRE LEVEL

• LEVIER DEMONTE-PNEU

(71, 72) NOORDINK, Lutz, Ernst [NL/NL]; Geukerdijk 64, NL-7581 CC Haaksbergen (NL). VAN ROSENDAL, Nicolaas [NL/NL]; Zonnehof 31, NL-7904 LX Hoogeveen (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 B60F 3/00

(11) WO 2004/096586 (13) A1

(21) PCT/GB2004/001697

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0309452.1 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AMPHIBIOUS VEHICLE STEERING

• GUIDAGE D'UN VEHICULE AMPHIBIEN

(71) GIBBS TECHNOLOGIES LTD. [GB/GB]; Avenue Road, Nuneaton, Warwickshire, CV11 4LY (GB). GIBBS TECHNOLOGIES LTD.; La Motte Chambers, St. Helier, Jersey JE1 1BJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72) GIBBS, Alan, Timothy; 28 Albert Bridge House, 127 Albert Bridge Road, London SW11 4DL (GB).

(only for / seulement pour US)

(74) BAIN SMITH, Timothy; Wickens Manor, Charing, Nr Ashford, Kent, TN27 0DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B60G 3/01, B62D 11/04

(11) WO 2004/096587 (13) A1

(21) PCT/SE2004/000623

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0301208-5 25 Apr/avr 2003 SE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WHEEL SUPPORTING DEVICE FOR
VEHICLES

• SUSPENSION DE ROUE DESTINEE A
DES VEHICULES

(71, 72) JANSSON, Sven, A. [SE/FI];
Burskatsvägen 174, FIN-22130 Gottby,
Åland (FI). EDLUND, Karl-Johan [FI/FI];
Öhbergsvägen 13, FIN-22100 Marichamn,
Åland (FI).

(74) NIHLMARK, Bengt; Kungsgatan 33, S-111
56 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B60H

(11) WO 2004/096588 (13) A2

(21) PCT/US2003/025494

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 60/466,224 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VEHICLE CABIN AIR FILTER FRESH-
ENER

• ASSAINISSANT D'AIR À FILTRE
POUR CABINE DE VÉHICULE

(71) ASHLAND INC. [US/US]; 3499 Blazer
Parkway, Lexington, KY 40509 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) D'AMICO, Daniel, M. [US/US]; 176
Lake Avenue, Tuckahoe, NY 10707 (US).
GERRING, T., Patrick [US/US]; 4612
Spring Creek Drive, Lexington, KY 40515
(US). BROOKES, Jeremy, R. [US/US];
4085 Clearwater Way, Lexington, KY 40515
(US). TOLLETT, Brenda, L. [US/US];
1012 Kimbolton Drive, Lexington, KY
40509 (US). GREWE, Daniel, J. [US/US];
4917 Prospect Avenue, Downers Grove, IL
60515 (US). HARRIS, Neal, F. [US/US];
527 Avondale Avenue, Los Angeles, CA
90049 (US).

(74) CARRITHERS, David, W.; Carrithers Law
Office, One Paragon Centre, Suite 140, 6060
Dutchman's Lane, Louisville, KY 40205
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B60H 1/20, 1/02, 1/00, 1/08

(11) WO 2004/096589 (13) A1

(21) PCT/FR2004/000383

(22) 18 Feb/fév 2004 (18.02.2004)

(25) fr (26) fr

(30) 03/05071 24 Apr/avr 2003 FR
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR HEAT-
ING A MOTOR VEHICLE CABIN

• PROCEDE ET DISPOSITIF DE CHAUF-
FAGE D'UN HABITACLE DE VEHI-
CULE AUTOMOBILE

(71) PEUGEOT CITROEN AUTOMOBILES
SA [FR/FR]; Route de Gisy, F-78140 Velizy-
Villacoublay (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LE LIEVRE, Armel [FR/FR]; 21, sen-
tier des Tribouillards, F-78360 Montesson
(FR).

(74) DOMENEGO, Bertrand et al. / etc.; Cab-
inet Lavoix, 2, place d'Estienne d'Orves,
F-75441 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ B60J 1/20, B60R 5/04

(11) WO 2004/096590 (13) A1

(21) PCT/EP2003/009197

(22) 20 Aug/août 2003 (20.08.2003)

(25) de (26) de

(30) 103 19 385.5 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR COVERING IN THE IN-
TERIOR SPACE OF A MOTOR VEHI-
CLE

• DISPOSITIF DE RECOUVREMENT
MIS EN OEUVRE DANS L'HABITACLE
D'UN VEHICULE AUTOMOBILE

(71) REUM PROTEC GMBH [DE/DE]; Neu-
landstrasse 21, 74889 Sinsheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PAULEY, Hermann [DE/DE]; Am
Kreuzgrund 24, 74889 Sinsheim (DE).
KUBESCH, Winfried [DE/DE]; Almstr. 30,
69151 Neckargemünd (DE). BECK, Ger-
not [DE/DE]; Heidelberger Str. 34, 69151
Neckargemünd (DE). LANGE, Jürgen
[DE/DE]; Im Städtl 11, 74939 Zuzenhausen
(DE). VIERLING, Eckhard [DE/DE];
Eisenbahnstr. 2, 74847 Obrigheim (DE).

(74) MASER, Jochen; Mammel und Maser,
Tilsiter Strasse 3, 71065 Sindelfingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B60J 7/00

(11) WO 2004/096591 (13) A2

(21) PCT/FR2004/001035

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05251 29 Apr/avr 2003 FR
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VEHICLE FOLDING TOP

• TOIT ESCAMOTABLE DE VEHICULE

(71) FRANCE DESIGN [FR/FR]; "La Boujal-
ière", Le Pin, F-79140 Cerizay (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) QUEVEAU, Gérard [FR/FR]; "Amik
Farm", F-79140 Le Pin (FR). QUE-
VEAU, Paul [FR/FR]; "Le Logis de la
Chironnière", F-79140 Montravers (FR).

GUILLEZ, Jean-Marc [FR/FR]; "Les Maisons Blanches", F-79140 Cirières (FR).	(30) 103 19 144.5 29 Apr/avr 2003 DE (29.04.2003)	CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(74) PICHAT, Thierry et al. / etc.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois-Perret Cedex (FR).	(30) 103 40 085.0 30 Aug/août 2003 DE (30.08.2003)	(51)⁷ B60K 15/04
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(43) 11 Nov/nov 2004 (11.11.2004) (54) • MOTOR VEHICLE • VEHICULE AUTOMOBILE (71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US) (72, 75) GÜRTLER, Dieter [DE/DE]; Im Flöschle 5, 71120 Grafenau (DE). KAZMAIER, Hubert [DE/DE]; Eiwiesenweg 2, 72827 Wannweil (DE). VOSS, Tim [DE/DE]; Reuchlinstrasse 26, 70176 Stuttgart (DE). (74) BRANSE, Hermann et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPC - C106, 70546 Stuttgart (DE).	(11) WO 2004/096595 (13) A1 (21) PCT/EP2004/050654 (22) 29 Apr/avr 2004 (29.04.2004) (25) fr (26) fr (30) 03/05436 30 Apr/avr 2003 FR (30.04.2003) (30) 03/13073 7 Nov/nov 2003 FR (07.11.2003)
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(72, 75) GÜRTLER, Dieter [DE/DE]; Im Flöschle 5, 71120 Grafenau (DE). KAZMAIER, Hubert [DE/DE]; Eiwiesenweg 2, 72827 Wannweil (DE). VOSS, Tim [DE/DE]; Reuchlinstrasse 26, 70176 Stuttgart (DE). (74) BRANSE, Hermann et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPC - 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.	(43) 11 Nov/nov 2004 (11.11.2004) (54) • ADDITIVE TANK FOR FUEL SYSTEM AND PRODUCTION METHOD THEREOF • RESERVOIR A ADDITIF POUR SYSTEME A CARBURANT ET PROCEDE POUR LA FABRICATION D'UN TEL RESERVOIR (71) INERGY AUTOMOTIVE SYSTEMS RESEARCH (SOCIETE ANONYME) [BE/BE]; Rue de Ransbeek, 310, B-1120 Bruxelles (BE). (for all designated States except / pour tous les États désignés sauf US) (72, 75) CAMPENON, Thierry [FR/FR]; 51-53 Rue du 124e R.I., F-53000 Laval (FR). KUNSTMANN, Olivier [FR/FR]; Rue des Hironnelles, 4, F-53210 Argenteur (FR).
(51)⁷ B60J 7/00 (11) WO 2004/096592 (13) A2 (21) PCT/FR2004/000975 (22) 20 Apr/avr 2004 (20.04.2004) (25) fr (26) fr (30) 03/05249 29 Apr/avr 2003 FR (29.04.2003) (43) 11 Nov/nov 2004 (11.11.2004) (54) • RETRACTABLE VEHICLE-ROOF • TOIT ESCAMOTABLE DE VEHICULE (71) FRANCE DESIGN [FR/FR]; Lieu-dit la Boujalière, F-79140 le Pin (FR). (for all designated States except / pour tous les États désignés sauf US)	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(72, 75) CAMPENON, Thierry [FR/FR]; 51-53 Rue du 124e R.I., F-53000 Laval (FR). KUNSTMANN, Olivier [FR/FR]; Rue des Hironnelles, 4, F-53210 Argenteur (FR). (74) JACQUES, Philippe et al. / etc.; Solvay (Société Anonyme), Département de la Propriété Intellectuelle, Rue de Ransbeek, 310, B-1120 Bruxelles (BE).
(72, 75) QUEVEAU, Gerard [FR/FR]; "Amik Farm", F-79140 Le Pin (FR). QUEVEAU, Paul [FR/FR]; "Le logis de la Chironnière", F-79140 Montravers (FR). GUILLEZ, Jean-Marc [FR/FR]; Les Maisons Blanches, F-79140 Cirières (FR).	(51)⁷ B60K 1/04 (11) WO 2004/096594 (13) A2 (21) PCT/FR2004/001014 (22) 27 Apr/avr 2004 (27.04.2004) (25) fr (26) fr (30) 03/05216 29 Apr/avr 2003 FR (29.04.2003) (43) 11 Nov/nov 2004 (11.11.2004) (54) • ELECTRICALLY-POWERED AUTONOMOUS VEHICLE • VEHICULE AUTONOME A TRACTION ELECTRIQUE (71, 72) CHENE, Richard [FR/FR]; 137, boulevard Koenig, F-92200 Neuilly-sur-Seine (FR). DELAMOUR, Dominique [FR/FR]; 44, rue de la Millière, F-78490 Les Mesnuls (FR). RODI, Olivier [FR/FR]; 17, rue du Château Trompette, F-78950 Gambais (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.
(74) BOUJU, Derambure, Bugnion BDSA; 18 quai du Point du Jour, F-95659 Boulogne Cedex (FR).	(43) 11 Nov/nov 2004 (11.11.2004) (54) • ELECTRICALLY-POWERED AUTONOMOUS VEHICLE • VEHICULE AUTONOME A TRACTION ELECTRIQUE (71, 72) CHENE, Richard [FR/FR]; 137, boulevard Koenig, F-92200 Neuilly-sur-Seine (FR). DELAMOUR, Dominique [FR/FR]; 44, rue de la Millière, F-78490 Les Mesnuls (FR). RODI, Olivier [FR/FR]; 17, rue du Château Trompette, F-78950 Gambais (FR).	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ	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 (t) for the following designation / pour la désignation suivante : US; (i) for the following designation / pour la désignation suivante : US; (j) for the following designation / pour la désignation suivante : US
Declaration / Déclaration : (u) for / pour US only / seulement	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 (11) WO 2004/096593 (13) A1 (21) PCT/EP2004/002919 (22) 19 Mar/mar 2004 (19.03.2004) (25) de (26) de	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ B60K 17/02, 17/16, F16H 57/02

(11) WO 2004/096596 (13) A1

(21) PCT/EP2004/000603

(22) 24 Jan/jan 2004 (24.01.2004)

(25) de (26) de

(30) 103 18 742.1 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRIVE UNIT FOR MOTOR VEHICLES
• ENSEMBLE MOTEUR POUR VEHICULES

(71) AUDI AG [DE/DE]; 85045 Ingolstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÄRKEL, Johann [DE/DE]; Gartenstrasse 27, 85128 Nassenfels (DE).

(74) ASCH, Konrad; Audi AG, Patentabteilung, 85045 Ingolstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60K 17/08

(11) WO 2004/096597 (13) A1

(21) PCT/DE2004/000819

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 19 621.8 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRIVE TRAIN COMPRISING A DUAL CLUTCH TRANSMISSION AND METHOD FOR CONTROLLING THE SAME
• TRANSMISSION COMPRENANT UNE BOITE DE VITESSES A DOUBLE EMBRAYAGE ET PROCEDE POUR COMMANDER UNE TELLE TRANSMISSION

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PREISNER, Marian [DE/DE]; Adalbert-Stifter-Strasse 2 a, 77815 Bühl (DE).
BERGER, Reinhard [DE/DE]; Sasenweg 6, 77815 Bühl (DE).

(74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; Industriesstrasse 3, 77815 Bühl (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B60K 31/00

(11) WO 2004/096598 (13) A1

(21) PCT/DE2004/000404

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 19 337.5 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPEED AND HEAD WAY CONTROL DEVICE FOR A MOTOR VEHICLE
• DISPOSITIF DE REGLAGE DE VITESSE ET DE DISTANCE DESTINE A DES VEHICULES AUTOMOBILES

(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) BRAEUCHLE, Goetz [DE/DE]; Schuetzenweg 2, 74934 Reichartshausen (DE).
WINNER, Hermann [DE/DE]; Theodor-Roessler-Strasse. 18, 76467 Bietigheim (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 B60K 41/00

(11) WO 2004/096599 (13) A1

(21) PCT/EP2004/002009

(22) 28 Feb/fév 2004 (28.02.2004)

(25) de (26) de

(30) 103 18 738.3 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRIC MOTOR CONTROL

• COMMANDE D'UN MOTEUR ELECTRIQUE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplerstrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RÖSSEL, Conrad [DE/DE]; Ringstrasse 37, 89428 Syrgenstein (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60N 2/00, 2/16

(11) WO 2004/096600 (13) A1

(21) PCT/CA2004/000696

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/466,933 30 Apr/avr 2003 US
(30.04.2003)

(30) 60/517,581 5 Nov/nov 2003 US
(05.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADJUSTABLE SEAT WITH INTEGRATED OCCUPANT WEIGHT SENSORS

• SIEGE AJUSTABLE POURVU DE CAPTEURS DU POIDS DE L'OCCUPANT INTEGRES

(71) INTELLIGENT MECHATRONIC SYSTEMS INC. [CA/CA]; 161 Roger Street, Waterloo, Ontario, N2J 1B1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BASIR, Otman, A. [CA/CA]; 485 Claywood Court, Waterloo, Ontario N2T 2C6 (CA).
DESROCHERS, Kristopher [CA/CA]; 115 High Brook Street, Kitchener, Ontario N2E 3P3 (CA).
NASSONOV, Alexander, M. [CA/CA]; 283 Lancaster Street West, Apt. 2, Kitchener, Ontario N2H 4V2 (CA).
KRIVTSOV, Sergey [CA/CA]; 99 Westwood Dr., Apt. 304, Kitchener, Ontario N2M 2K7 (CA).
AXAKOV, Dmitri, L. [CA/CA]; 414 Lausanne Crescent, Waterloo, Ontario N2T 2X6 (CA).
MAKARANKA, Mikalai [BY/CA]; 80 Mooregate Crescent, Unit 1305, Kitchener, Ontario N2M 2G1 (CA).

(74) SMITH, Dallas, F. et al. / etc.; Gowling Lafleur Henderson LLP, 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2/48, 2/56
(11) WO 2004/096601 (13) A1
(21) PCT/EP2004/002687
(22) 16 Mar/mar 2004 (16.03.2004)
(25) de (26) de
(30) 103 19 148.8 29 Apr/avr 2003 DE
(29.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • MOTOR VEHICLE SEAT HAVING AN
AIR SUPPLY DEVICE
• SIEGE DE VEHICULE AUTOMO-
BILE POURVU D'UN DISPOSITIF
D'ALIMENTATION EN AIR
- (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) BARGHEER, Claudio [DE/DE]; Aich-
talstrasse 82, 71088 Holzgerlingen (DE).
ORIZARIS, Vasilios [GR/DE]; Am Pfarrtor
5, 71272 Renningen (DE). PFAHLER, Karl
[DE/DE]; Mühlrain 22, 70180 Stuttgart (DE).
RENNER, Lothar [DE/DE]; Kinzigstrasse
14, 71154 Nufringen (DE).
- (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096603 (13) A2
(21) PCT/US2004/012681
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 60/465,494 25 Apr/avr 2003 US
(25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • ANTI-THEFT DEVICE FOR MOTOR-
IZED VEHICLES
• DISPOSITIF ANTIVOL POUR VÉHI-
CULES MOTORISÉS
- (71, 72) JACKSON, Donald, Wqyne. [US/US];
216 S. Eldorado Circle, Pearl, MS 39208
(US).
- (74) HUNT, Ross, F., Jr.; Stites & Harbison
PLLC, 1199 North Fairfax Street, Suite 900,
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 B60N 2/48, 2/56, B60H 1/22
(11) WO 2004/096602 (13) A1
(21) PCT/EP2004/002737
(22) 17 Mar/mar 2004 (17.03.2004)
(25) de (26) de
(30) 103 19 146.1 29 Apr/avr 2003 DE
(29.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • MOTOR VEHICLE COMPRISING A
VEHICLE SEAT
• VEHICULE COMPRENANT UN SIEGE
DE VEHICULE
- (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) BARGHEER, Claudio [DE/DE]; Aich-
talstrasse 82, 71088 Holzgerlingen (DE).
PFAHLER, Karl [DE/DE]; Mühlrain 22,
70180 Stuttgart (DE). RENNER, Lothar
[DE/DE]; Kinzigstrasse 14, 71154 Nufringen
(DE).
- (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096604 (13) A2
(21) PCT/US2004/012902
(22) 27 Apr/avr 2004 (27.04.2004)
(25) en (26) en
- (30) 60/466,002 28 Apr/avr 2003 US
(28.04.2003)
(30) 60/466,004 28 Apr/avr 2003 US
(28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • APPARATUS FOR AUTOMATIC OP-
ERATION OF HOPPER CONTAINER
GATE MECHANISM
• APPAREIL DE MANOEUVRE AUTO-
MATISEE DU MECANISME DE PORTE
DE CONTENEUR A TREMIE
- (71) PATRIOT LIFT CO., LLC [US/US]; 26
Brickyard Court - Suite #6, York, ME 03909
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BURR, Jeffrey, S. [US/US]; 2218 Wide-
view Drive, Covington, KY 41011 (US).
GOMES, Celio, J. [US/US]; 43 Ocean
Avenue, York Beach, ME 03910 (US).
RIVERS, David, F. [US/US]; 180 Cook Hill
Road, Wallingford, CT 06492 (US).
- (74) GETZ, Richard, D.; McCormick, Paulding
& Huber LLP, 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).
-
- (51)⁷ B60R
(11) WO 2004/096605 (13) A2
(21) PCT/US2004/012903
(22) 27 Apr/avr 2004 (27.04.2004)
(25) en (26) en
(30) 60/466,004 28 Apr/avr 2003 US
(28.04.2003)
(30) 60/466,001 28 Apr/avr 2003 US
(28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • A ROLL-OUT COVER SYSTEM FOR
OPEN CONTAINER VEHICLES
• SYSTEME DE COUVERCLE DEROU-
LABLE POUR VEHICULES A CONTE-
NEUR OUVERT
- (71) PATRIOT LIFT CO., LLC [US/US]; 26
Brickyard Court - Suite #6, York, ME 03909
(US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GOMES, Celio, J. [US/US]; 43 Ocean
Avenue, York Beach, ME 03910 (US).
RIVERS, David, F. [US/US]; 180 Cook Hill
Road, Wallingford, CT 06492 (US).
- (74) GETZ, Richard, D.; McCormick, Paulding
& Huber LLP, 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).

(51)⁷ B60R

(11) WO 2004/096606 (13) A2

(21) PCT/US2004/012904

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,004 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRACTOR-TRAILER LANDING GEAR APPARATUS

• BRAS D'APPUI DE SEMI-REMORQUE

(71) PATRIOT LIFT CO., LLC [US/US]; 26 Brickyard Court - Suite #6, York, ME 03909 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMES, Celio, J. [US/US]; 43 Ocean Avenue, York Beach, ME 03910 (US). RIVERS, David, F. [US/US]; 180 Cook Hill Road, Wallingford, CT 06492 (US).

(74) GETZ, Richard, D.; McCormick, Paulding & Huber LLP, 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).

(51)⁷ B60R

(11) WO 2004/096607 (13) A2

(21) PCT/US2004/012905

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,004 28 Apr/avr 2003 US (28.04.2003)

(30) 60/466,003 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRAILER STABILIZING JACK

• VERIN DE STABILISATION DE REMORQUE

(71) PATRIOT LIFT CO., LLC [US/US]; 26 Brickyard Court - Suite #6, York, ME 03909 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURR, Jeffrey, S. [US/US]; 2218 Wideview Drive, Covington, KY 41011 (US). GOMES, Celio, J. [US/US]; 43 Ocean Avenue, York Beach, ME 03910 (US). RIVERS, David, F. [US/US]; 180 Cook Hill Road, Wallingford, CT 06492 (US).

(74) GETZ, Richard, D.; McCormick, Paulding & Huber LLP, 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).

(51)⁷ B60R 1/00, B60Q 1/48

(11) WO 2004/096608 (13) A1

(21) PCT/EP2004/002321

(22) 6 Mar/mar 2004 (06.03.2004)

(25) de (26) de

(30) 103 18 987.4 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAMERA ARRANGEMENT FOR OBSERVING SPACE BEHIND THE REAR OF A MOTOR VEHICLE

• ENSEMBLE CAMERA SERVANT A SURVEILLER UN ESPACE SITUE DERRIERE L'ARRIERE D'UN VEHICULE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplerstrasse 225, 70567 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DÖRR, Peter [DE/DE]; Im Eichenwald 16, 75385 Bad Teinach-Zavelstein (DE). KEGREISS, Siegbert [DE/DE]; Nelkenstrasse 12, 72119 Ammerbuch (DE). WEIKERT, Günther [DE/DE]; August-Lämmle-Weg 8/1, 71134 Aidlingen (DE).

(74) BRANSE, Hermann et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPC - 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 B60R 3/00, 3/02

(11) WO 2004/096609 (13) A1

(21) PCT/EP2004/004469

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 203 06 651.0 28 Apr/avr 2003 DE (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOTOR VEHICLE, PARTICULARLY A TARPAULIN-COVERED VEHICLE OR BOX-TYPE VEHICLE

• VEHICULE A MOTEUR, EN PARTICULIER VEHICULE BACHE OU A CAISSE FERMEE

(71, 72) HARJUNG, Thomas [DE/DE]; Krumbacher Str. 24, 87727 Babenhausen (DE).

(74) FIENER, Josef et al. / etc.; J. Fiener et col., Maximilianstrasse 57, 87712 Mindelheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 16/00

(11) WO 2004/096610 (13) A2

(21) PCT/JP2004/005899

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003-123317 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRICAL JUNCTION BOX FITTING DEVICE

• DISPOSITIF DE FIXATION D'UN BOITIER DE RACCORDEMENT ELECTRIQUE

(71) YAZAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Tetsuya [JP/JP]; c/o Yazaki Parts Co., Ltd., 1360, Kunikane, Daitocho, Ogasa-gun, Shizuoka 437-1414 (JP). EGAWA, Masatoshi [JP/JP]; c/o Yazaki Parts Co., Ltd., 1360, Kunikane, Daitocho, Ogasa-gun, Shizuoka 437-1414

(JP). ITO, Keiichi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 471-8531 (JP). TSUKAMOTO, Yoshihide [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 471-8531 (JP). WAKUI, Masanori [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 471-8531 (JP). YONEYAMA, Isao [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 471-8531 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 19/34

(11) WO 2004/096611 (13) A1

(21) PCT/CN2004/000235

(22) 22 Mar/mar 2004 (22.03.2004)

(25) zh (26) zh

(30) 03118332.8 28 Apr/avr 2003 CN (28.04.2003)

(30) 03118331.X 28 Apr/avr 2003 CN (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN IMPACT PROTECTOR

• DISPOSITIF DE PROTECTION CONTRE LES CHOC

(71, 72) GUAN, Hongjun [CN/CN]; P.O. Box 521, Changsha, Hunan 410200 (CN).

(74) CHANGSHA ZONEKEY PATENT LAW FIRM; Mr. Hong LU, 135 Bayi Rd., Changsha Zonekey Patent Law Firm, Changsha, Hunan 410001 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 21/01

(11) WO 2004/096612 (13) A1

(21) PCT/DE2003/003818

(22) 18 Nov/nov 2003 (18.11.2003)

(25) de

(30) 103 19 443.6 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR TRIGGERING RESTRAINT MEANS

• DISPOSITIF POUR DECLENCHER DES MOYENS DE RETENUE

(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) THEISEN, Marc [DE/DE]; Elser Ring 43, 74354 Besigheim (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B60R 21/01, G01R 31/28

(11) WO 2004/096613 (13) A1

(21) PCT/DE2004/000400

(22) 2 Mar/mar 2004 (02.03.2004)

(25) de

(30) 103 19 336.7 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE AND METHOD FOR MONITORING AT LEAST ONE ENERGY RESERVE CAPACITOR IN A RESTRAINT SYSTEM

• DISPOSITIF ET PROCÉDE DE CONTRÔLE D'AU MOINS UN CONDENSATEUR DE RÉSERVE D'ÉNERGIE DANS UN SYSTÈME DE RETENUE

(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) SCHUMACHER, Hartmut [DE/DE]; Pfarrer Aldingerstrasse 4, 71691 Freiberg (DE). HEILMANN, Gernod [DE/DE]; Bahnhofstrasse 45, 71282 Hemmingen (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 SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 21/16, 21/20

(11) WO 2004/096614 (13) A1

(21) PCT/US2004/011317

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en

(30) 10/422,433 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INFLATABLE CURTAIN MODULE, COMPACT TETHERING SYSTEM AND METHOD OF RESTRAINING AN OCCUPANT

• MODULE DE RIDEAU GONFLABLE, SYSTÈME D'ATTACHE COMPACT ET PROCÉDE DE RETENUE D'UN OCCUPANT

(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) DAINES, Michael [US/US]; 4643 South 3100 West, Roy, UT 84067 (US). KOTTKE, Kurt [US/US]; 782 South David Blvd., Bountiful, UT 84010 (US). HESS, Travis [US/US]; 1460 North 1500 West, Farr West, UT 84404 (US). MURAKAMI, Atsushi [JP/US]; 3380 North 400 East, North Ogden, UT 84414 (US). GAMMIL, Kurt [US/US]; 2298 North 2050 East, Layton, UT 84040 (US).

(74) METCALF, Craig; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 22/195

(11) WO 2004/096615 (13) A1

(21) PCT/EP2004/003938

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de

(30) 103 19 714.1 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEAT-BELT TENSIONER FOR A MOTOR VEHICLE

• TENDEUR DE CEINTURE DE SÉCURITÉ MONTE DANS UN VÉHICULE AUTOMOBILE

(71) AUTOLIV DEVELOPMENT AB [SE/SE]; Wallentinsvägen 22, S-447 38 Vargarda (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LITTMANN, Andre [DE/DE]; Middelweg 22, 24558 Henstedt-Ulzburg (DE).

(74) MÜLLER, Torsten-Peter; Autoliv GmbH, Otto-Hahn-Strasse 4, 25337 Elmshorn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B60R 25/00**
- (11) **WO 2004/096616** (13) A1
- (21) PCT/IB2004/050470
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 03101190.1 **29 Apr/avr 2003 (29.04.2003)** EP
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **ELECTRONIC COMMUNICATIONS SYSTEM**
• **SYSTEME DE TELECOMMUNICATIONS ELECTRONIQUE**
- (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).
(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)
- (72, 75) **BÖH, Frank** [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE). **NOWOTNICK, Jürgen** [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
- (11) **WO 2004/096617** (13) A2
- (21) PCT/US2004/012416
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/465,323 **25 Apr/avr 2003 (25.04.2003)** US
- (30) 10/825,443 **15 Apr/avr 2004 (15.04.2004)** US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **MANUALLY ACTUATED BRAKE SYSTEM FOR MANUALLY TOWABLE VEHICLE**
• **SYSTEME DE FREINAGE A COMMANDE MANUELLE POUR CHARIOT MANUEL**
- (71) **SNAP-ON INCORPORATED** [US/US]; 10801 Corporate Drive, Pleasant Prairie, WI 53158 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOERFLINGER, David, A.** [US/US]; 3832 Stonybrook Drive, Racine, WI 53403 (US). **GUPTAIL, Daniel** [US/US]; 6631 Bobolink Road, Racine, WI 53402 (US).
- (74) **STOTLAND, Harold, V.**; Seyfarth Shaw LLP, Suite 4200, 55 East Monroe Street, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ **B61B 10/04**
- (11) **WO 2004/096618** (13) A1
- (21) PCT/DE2004/000652
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) de (26) de
- (30) 103 19 014.7 **27 Apr/avr 2003 (27.04.2003)** DE
- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • **DEVICE AND METHOD FOR DISPLACING GAS TURBINE MODULES, ESPECIALLY DURING MAINTENANCE**
• **DISPOSITIF ET PROCÉDE POUR DEPLACER DES MODULES DE TURBINE A GAZ, NOTAMMENT DANS LE CADRE DE LA MAINTENANCE**
- (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) **RENNER, Detlef** [DE/DE]; Zum Krücker 13, 37197 Hattorf/Harz (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 **B62B 3/02**
- (11) **WO 2004/096619** (13) A1
- (21) PCT/IB2003/004068
- (22) **30 Sep/sep 2003 (30.09.2003)**
- (25) en (26) en
- (30) 13138 **8 Aug/août 2003 (08.08.2003)** LK
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **GARMENT TROLLEY**
• **CHARIOT POUR VETEMENTS**
- (71) **FREEPORT RIGGINGS (PVT) LTD.** [LK/LK]; 35 Edward Lane, Colombo 4 (LK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EMMANUEL, Anton, Yuvaraj** [LK/LK]; 69/1, Kynsey Road, Colombo 8 (LK). **PATHIRANA, Jagath, Kumara** [LK/LK]; 72C, New Bullers Road, Colombo 4 (LK).
- (74) **GANLATHS SECRETARIAL SERVICES (PRIVATE) LIMITED**; Mezzanine Floor, Galadari Hotel, 64, Lotus Road, Colombo 1 (LK).
- (81) AE AG AL 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).

Published / Publiée : (c), (f)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B62B 5/02

(11) WO 2004/096620 (13) A1

(21) PCT/US2004/012497

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/422,594 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MANUALLY OPERABLE STANDING WHEELCHAIR

• FAUTEUIL ROULANT A COMMANDE MANUELLE D'AIDE A LA VERTICALISATION

(71) REHABILITATION INSTITUTE OF CHICAGO [US/US]; 345 East Superior Street, Chicago, IL 60611 (US).

(71, 72) KUIKEN, Todd, A. [US/US]; 1220 Forest Avenue, Oak Park, IL 60302 (US).

(74) FREY, David, A. et al. / etc.; Gardner Carton & Douglas LLP, 191 N. Wacker Drive, Suite 3700, Chicago, IL 60606-1698 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/06, 1/18

(11) WO 2004/096621 (13) A1

(21) PCT/IE2004/000060

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) S2003/0321 29 Apr/avr 2003 IE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A LOAD CARRIER

• CHARIOT

(71, 72) SISK, Henry, Benjamin [IE/IE]; Waterstown House, Sallins, County Kildare (IE). SISK, Owen, Henry [IE/IE]; Waterstown House, Sallins, County Kildare (IE).

(72, 75) DIAMOND, David, Aidan [IE/IE]; "Hazeldene", Erskine Avenue, The Burnaby, Greystones, County Wicklow (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).

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 B62D 3/02, 7/00, 12/00 // A01D 34/64, A01B 69/00

(11) WO 2004/096622 (13) A1

(21) PCT/SE2004/000239

(22) 23 Feb/fév 2004 (23.02.2004)

(25) sv (26) en

(30) 0301072-5 11 Apr/avr 2003 SE (11.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STEERING DEVICE IN AN IMPLEMENT CARRIER

• DISPOSITIF DE DIRECTION DANS UN SUPPORT

(71) GGP SWEDEN AB [SE/SE]; Box 1006, S-573 28 Tranås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NYBAKKEN, Johannes [NO/NO]; P.B. 209, N-2381 Brumunddal (NO).

(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 PT 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 15/02

(11) WO 2004/096623 (13) A1

(21) PCT/EP2004/004410

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 203 06 787.8 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTROL DEVICE FOR A TRACTOR PROVIDED WITH A SYSTEM FOR DETECTING PIVOTING AND ARTICULATING ANGLES BETWEEN SAID TRACTOR AND A TRAILER

• DISPOSITIF DE COMMANDE D'UN TRACTEUR COMPORTANT UN SYSTEME DE DETECTION DE L'ANGLE DE PIVOTEMENT ET D'ARTICULATION ENTRE LE TRACTEUR ET LA REMORQUE

(71) GEORG FISCHER VERKEHRSTECHNIK GMBH [DE/DE]; Julius-Bührer-Strasse 12, 78221 Singen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) METTERNICH, Heinz-Rüdiger [DE/DE]; Schlachthofstr. 30, 21079 Hamburg (DE). LÜDERS, Karsten [DE/DE]; Jesdal 3, 21217 Seevetal (DE).

(74) GLAESER, Joachim; Diehl, Glaeser & Partner, Königstrasse 28, 22767 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 25/06, 27/02, 65/00

(11) WO 2004/096624 (13) A1

(21) PCT/EP2004/002959

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 19 442.8 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUBASSEMBLY, ESPECIALLY AUTOMOTIVE BODY STRUCTURE COMPRISING A ROOF MODULE AND A ROOF FRAME PORTION

• ENSEMBLE, NOTAMMENT STRUCTURE DE CARROSSERIE DE VEHICULE COMPRENANT UN MODULE DE TOIT ET UNE PARTIE DE CADRE DE TOIT

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplstrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZIRBS, Thomas [DE/DE]; Lukas-Moser-Weg 14, 71263 Weil der Stadt (DE). ZITTERBART, Thomas [DE/DE]; Feschenmaierstrasse 17, 89165 Dietenheim (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 B62D 35/00

(11) WO 2004/096625 (13) A2

(21) PCT/EP2004/050604

(22) 26 Apr/avr 2004 (26.04.2004)

(25) fr (26) fr

(30) 0305168 28 Apr/avr 2003 FR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DOOR BODY ELEMENT FOR INDUSTRIAL VEHICLES

• ELEMENT DE CARROSSERIE DE PORTE DE VEHICULE INDUSTRIEL

(71) RENAULT V.I. [FR/FR]; 99 Route de Lyon, F-69800 SAINT PRIEST (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINT, Laurent [FR/FR]; Route de Vasselins, F-38510 SAINT SORLIN DE MORES-TEL (FR). ALLARD, Xavier [FR/FR]; 188 Avenue Marguerite Renaudin, F-92140 CLAMART (FR).

(74) VUILLERMOZ, Bruno et al. / etc.; Cabinet Larent & 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).

(51)⁷ B62D 53/08

(11) WO 2004/096626 (13) A1

(21) PCT/GB2003/002213

(22) 22 May/mai 2003 (22.05.2003)

(25) en (26) en

(30) 0309591.6 28 Apr/avr 2003 GB (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRAILER LOCK

• VERROU DE REMORQUE

(71, 72) JOHNSTONE, Danny, Tom [GB/GB]; Dovecote, Chapel Lane, Dunston, Lincoln LN4 2ET (GB).

(81) AE AG AL 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).

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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ B62J 1/00

(11) WO 2004/096627 (13) A1

(21) PCT/US2004/010144

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/424,328 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSPORT CHAIR FOR A PATIENT

• CHAISE ROULANTE POUR PATIENT

(71) O-MATIC CORP. [US/US]; 1326 West Baseline Road, Claremont, California 91711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WING, Thomas, W. [US/US]; 1326 West Baseline Road, Claremont, California 91711 (US).

(74) STETINA BRUNDA GARRED & BRUCKER; 75 Enterprise, Suite 250, Aliso Viejo, California 92656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B62K

(11) WO 2004/096628 (13) A2

(21) PCT/US2004/012859

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,440 25 Apr/avr 2003 US (25.04.2003)

(30) 60/531,368 19 Dec/déc 2003 US (19.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD AND APPARATUS FOR RESTRAINING CABLE CURVATURE

• PROCEDE ET APPAREIL VISANT A LIMITER LA COURBURE D'UN CABLE

(71, 72) DREW, Errol [GB/US]; 21 Cocasset Street, P.O. Box 628, Foxborough, MA 02035 (US).

(74) RIKKERS, David, 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 B62K 15/00, 9/02, 5/02

(11) WO 2004/096629 (13) A1

(21) PCT/AU2003/001024

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 2003902057 30 Apr/avr 2003 AU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A WHEELED VEHICLE

• VEHICULE A ROUES

(71, 72) GOLIAS, Matthew [AU/AU]; 17 Nimmo Street, Middle Park, Victoria 3206 (AU).

(74) EARLEY, Martin et al. / etc.; Pipers Mills Oakley Patent Attorneys, P.O. BOX 453, Collins Street West, Melbourne, Victoria 8007 (AU).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model /

modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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 : (a)

(51)⁷ B62M 1/02

(11) WO 2004/096630 (13) A1

(21) PCT/US2003/009004

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HUMAN-POWERED VEHICLE
• VEHICULE ACTIONNE PAR UN ETRE HUMAIN

(71) JCL DESIGN INC. [US/US]; 19515 Redbeam Avenue, Torrance, CA 90503 (US).

(72) LAU, James, C., K.; 19515 Redbeam Avenue, Torrance, CA 90503 (US).

(74) BOWERSOX, Leonard, D.; Kilyk & Bowersox, P.L.L.C., 3603 Chain Bridge Road, Suite E, Fairfax, VA 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B62M 1/04, F16H 29/14

(11) WO 2004/096631 (13) A1

(21) PCT/CN2004/000377

(22) 20 Apr/avr 2004 (20.04.2004)

(25) zh (26) zh

(30) 03234107.5 25 Apr/avr 2003 CN (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A BICYCLE WITH DRIVING LEVERS ROTATING IN THE SECTOR
• BICYCLETTE A LEVIERS DE COMMANDE TOURNANT DANS UN SECTEUR DONNE

(71, 72) TANG, Li [CN/CN]; No. 446, Shigao Road, Nancheng Shanhou Village, Huangyan District, Taizhou, Zhejiang 318020 (CN).

(74) KINGSOUND & PARTNERS; Suite 502, China Commerce Tower, No. 5, Sanlihe East Road, Xicheng District, 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).

(51)⁷ B63B 9/06

(11) WO 2004/096632 (13) A1

(21) PCT/NL2004/000296

(22) 3 May/mai 2004 (03.05.2004)

(25) nl (26) en

(30) 1023320 1 May/mai 2003 NL (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A FLOATING CONSTRUCTION, A PLATFORM CONSTRUCTION, A METHOD FOR PLACING A FLOATING PLATFORM CONSTRUCTION AT SEA, AND A METHOD FOR REMOVING A PLATFORM CONSTRUCTION AT SEA
• CONSTRUCTION FLOTTANTE, CONSTRUCTION DE PLATE-FORME, PROCEDE DE MISE EN PLACE D'UNE CONSTRUCTION DE PLATE-FORME FLOTTANTE EN MER ET PROCEDE D'ENLEVEMENT D'UNE CONSTRUCTION DE PLATE-FORME EN MER

(71) LEENAARS B.V. [NL/NL]; Kanaalweg O.Z. 62, NL-3224 AB Hellevoetsluis (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LEENAARS, Lonneke [NL/NL]; Pijnackerplein 6A, NL-3035 GB Rotterdam (NL).

(74) VAN WESTENBRUGGE, Andries et al.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B63B 29/02, 35/54

(11) WO 2004/096633 (13) A2

(21) PCT/IT2004/000431

(22) 2 Aug/août 2004 (02.08.2004)

(25) it (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PASSENGER SHIP WITH IMPROVED ATRIUM
• NAVIRE A PASSAGERS AVEC ATRIUM AMELIORE

(71) FINCANTIERI CANTIERI NAVALI ITALIANI S.P.A. [IT/IT]; Via Genova, 1, I-34121 Trieste (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTAGLIA, Gianfranco [IT/IT]; Via Strudthoff, 12/D, I-34015 Muggia (IT).

(74) GALLO, Luca et al. / etc.; Jacobacci & Partners S.p.A., Via Berchet, 9, I-35131 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).

Published / Publiée : (f), (g)

(51)⁷ B63B 35/79

(11) WO 2004/096634 (13) A2

(21) PCT/IB2004/001312

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2003/3360 30 Apr/avr 2003 ZA (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BUOYANT BOARD FOR WATER SPORTS
• PLANCHE FLOTTANTE POUR SPORTS NAUTIQUES

(71, 72) PEACH, Brett, Myndon [ZA/ZA]; 525 Pretoria Road, Fairleads, Benoni, Johannesburg, 1501 Gauteng (ZA).

(74) SCHWEIZER, Adrian, Victor, van; c/o Adams & Adams (Johannesburg), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng (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 B63C 9/19

(11) WO 2004/096635 (13) A1

(21) PCT/SE2004/000619

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309535.3 26 Apr/avr 2003 GB (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BUOYANCY BODY RELEASE DEVICE
• DISPOSITIF DE LIBERATION D'UNE BOUEE DE SAUVETAGE

(71) P & P UTVECKLING AB [SE/SE]; Enskärsgatan 14, S-421 60 Västra Frölunda (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GORDON, Peter [GB/GB]; 10 Holtyree Road, Liverpool L255PA (GB).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B63C 9/20

(11) WO 2004/096636 (13) A1

(21) PCT/EG2004/000007

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 2003040408 29 Apr/avr 2003 EG (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MARINE AUTO CONTROL SELF IGNITING LIGHT

• LUMIERE A ALLUMAGE AUTOMATIQUE AUTOCOMMANDEE POUR GILET DE SAUVETAGE

(71, 72) MOSTUFA, Mohamed, Sahl, Ahmed [EG/EG]; El Wardian-El Asnwy St., No.38, Alexandria (EG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 B63G 09/02, B63B 43/18, 35/34

(11) WO 2004/096637 (13) A1

(21) PCT/US2003/009413

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SECURITY BARRIER UNIT

• UNITE DE BARRIERE DE SECURITE

(71) BARRIERS, INC. [US/US]; 2001 Sixth Avenue, Suite 3300, Seattle, WA 98121-2522 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARRISON, David, L. [US/US]; 2001 Sixth Avenue, Suite 3300, Seattle, WA 98121-2522 (US). WOOLEY, James, W. [US/US]; 6043 Sandpiper Ct., Bremerton, WA 98312 (US). LINDSTROM, Albert, K. [US/US]; P.O. Box 2229, Sequim, WA 98382-2229 (US).

(74) GARRISON, David, L.; Garrison & Associates PS, 2001 Sixth Avenue, Suite 3300, Seattle, WA 98121-2522 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/07

(11) WO 2004/096638 (13) A1

(21) PCT/US2003/035977

(22) 25 Nov/nov 2003 (25.11.2003)

(25) en (26) en

(30) 10/422,105 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WAKE ADAPTED PROPELLER DRIVE MECHANISM FOR DELAYING OR REDUCING CAVITATION

• MECANISME D'ENTRAINEMENT A HELICE ADAPTEE AU SILLAGE PERMETTANT DE RETARDER OU DE REDUIRE LA CAVITATION

(71) LOCKHEED MARTIN CORPORATION [US/US]; Bldg 400, Mail Drop 043, 9500 Godwin Drive, Manassas, VA 20110 (US).

(72) TERRANCE, Schmidt, W.; 2600 Neves Court, Santa Clara, CA 95051 (US).

(74) WURM, Mark, A.; Lockheed Martin Corporation, 9500 Godwin Drive, Bldg. 400, Mail Drop 043, Manassas, VA 20110 (US).

(81) AU DE GB JP SG.

(51)⁷ B64D

(11) WO 2004/096639 (13) A2

(21) PCT/US2003/009058

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO FREQUENCY CONTROLLED TETHERED AIRCRAFT

• AERONEF CAPTIF RADIOCOMMANDE

(71, 72) LEWIS, Thomas, J., Jr. [US/US]; 134 Peregrine Court, Jacksonville, FL 32225 (US).

(74) KROLL, Michael, I.; 171 Stillwell Lane, Syosset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 B64D 11/00, 45/04, B64C 1/14

(11) WO 2004/096640 (13) A1

(21) PCT/EP2004/050559

(22) 19 Apr/avr 2004 (19.04.2004)

(25) fr (26) fr

(30) 03/05420 2 May/mai 2003 FR (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AIRCRAFT COMPRISING MEANS FOR DISPLAYING THE TERRAIN BELOW

- AERONEF POURVU DE MOYENS D'AFFICHAGE DE TERRAIN SURVOLE

(71) THALES [FR/FR]; Thales, 45, rue de Villiers, F-92200 Neuilly Sur Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CATROS, Jean-Yves [FR/FR]; Thales Intellectual Property, 31-33, Avenue Aristide Briand, F-94117 Arcueil (FR). NOËL, Pierre [FR/FR]; Thales Intellectual Property, 31-33, Avenue Aristide Briand, F-94117 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).

Published / Publiée : (c)

(51)⁷ B64D 29/00

(11) WO 2004/096641 (13) A1

(21) PCT/FR2003/001327

(22) 28 Apr/avr 2003 (28.04.2003)

(25) fr (26) fr

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AIR INPUT DEVICE FOR A TURBO-PROP ENGINE
- AGENCEMENT D'ENTREE D'AIR D'UN TURBOPROPULSEUR.

(71) SNECMA MOTEURS [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAUMERET, Michel [FR/FR]; 16, rue des Guermantes, F-77240 CESSON (FR). MAZEAUD, Georges [FR/FR]; Les Rives de l'Yerres, Bât. B4, F-91330 YERRES (FR).

(74) ILGART, Jean-Christophe; c/o BREVALEX, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B64F 1/32

(11) WO 2004/096642 (13) A1

(21) PCT/CA2004/000621

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2,426,365 28 Apr/avr 2003 CA (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AIRCRAFT LOADER
- CHARGEUR D'AVIONS

(71) TLD (CANADA) INC. [CA/CA]; 800 Rue Cabana, Sherbrooke, Québec J1K 3C3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAGUIN, Antoine [FR/US]; 27 Lawton Drive, Simsbury, CT 06070 (US).

(74) ROBIC; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65B 9/04, 31/02

(11) WO 2004/096643 (13) A1

(21) PCT/GB2004/001923

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 0310127.6 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR PRODUCING A WATER SOLUBLE PACKAGE
- PROCEDE DE PRODUCTION D'UN EMBALLAGE SOLUBLE DANS L'EAU

(71) BECKITT 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) DUFFIELD, Paul, John [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB). EDWARDS, David, Brian [GB/GB]; 8D Long Lane, Aston End, Stevenage, Hertfordshire SG2 7HG (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).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B65B 37/10, 1/12

(11) WO 2004/096644 (13) A1

(21) PCT/JP2004/005274

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003-121026 25 Apr/avr 2003 JP (25.04.2003)

(30) 2003-153880 30 May/mai 2003 JP (30.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • POWDER AND GRAIN SUPPLYING APPARATUS
- APPAREIL D'APPROVISIONNEMENT EN POUDRE ET EN GRAIN

(71) NIPPON SEIKI CO., LTD. [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAHASHI, Yoshimori [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP). MIYAZAWA, Yasuhito [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 9408580 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 41/18

(11) WO 2004/096645 (13) A1

(21) PCT/EP2004/004394

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 103 19 420.7 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • COVER FILM STRETCHING DEVICE
- DISPOSITIF D'ETIRAGE DE FILM DE RECOUVREMENT

(71) CFS GERMANY GMBH [DE/DE]; Im Rutttert, 35216 Biedenkopf-Wallau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WETTER, Thomas [DE/DE]; Rainstr. 63, 57334 Bad Laasphe (DE).

(74) **WOLFF, Felix et al. / etc.**; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 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 **B65B 57/00, G05B 19/418**

(11) **WO 2004/096646** (13) A1

(21) PCT/EP2004/004196

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) de (26) de

(30) 03405294.4 **25 Apr/avr 2003 (25.04.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR MONITORING A PACKAGING PROCESS OR FILLING PROCESS

• PROCEDE ET SYSTEME POUR CONTROLER UN PROCESSUS D'EMBALLAGE OU DE REMPLISSAGE

(71) **SIG TECHNOLOGY LTD.** [CH/CH]; Laufengasse 18, CH-8212 Neuhausen am Rheinfall (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIETZSCH, Claudius** [CH/CH]; Wolfgrabenstrasse 27, CH-8135 Langnau am Albis (CH). **ECCARIUS, Michael** [DE/DE]; Im Krähwinkel 16, 52441 Linnich (DE).

(74) **COHAUSZ & FLORACK**; Bleichstrasse 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65B 61/18**

(11) **WO 2004/096647** (13) A1

(21) PCT/EP2004/050539

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 03009449.4 **25 Apr/avr 2003 (25.04.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GRIPPER FOR OPENING DEVICES TO BE APPLIED TO PACKAGES OF POURABLE FOOD PRODUCTS

• ORGANE DE PREHENSION POUR DISPOSITIFS D'OUVERTURE DESTINES A ETRE APPLIQUEES SUR DES EMBALLAGES DE PRODUITS ALIMENTAIRES LIQUIDES

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan, 70, CH-1009 Pully (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAVILLI, Gianfranco** [IT/IT]; Via Belvedere Di Sotto, 27, I-41057 San Vito (IT). **SUCCI, Omar** [IT/IT]; Via I. Pindemonte, 26/1, I-41100 Modena (IT). **BALDINI, Claudio** [IT/IT]; Via Della Partecipanza, 59, I-41015 Le Casette (IT). **ZUCCOTTI, Alessandro** [IT/IT]; Via Rossini, 11, I-15069 Serravalle Scrivia (IT). **SERENI, Andrea** [IT/IT]; Via Gambigliani Zoccoli, 87, I-41100 Midenza (IT).

(74) **JORIO, Paolo et al. / etc.**; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D**

(11) **WO 2004/096648** (13) A2

(21) PCT/US2004/013197

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,113 **29 Apr/avr 2003 (29.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ONE SHEET, OPEN ENDED PACKAGE FOR LIGHT BULBS AND THE LIKE AND METHOD OF MAKING SUCH PACKAGE

• BOITIER A EXTREMITÉ OUVERTE EN FEUILLE POUR AMPOULES ELECTRIQUES ET ANALOGUES ET PROCEDE DE FABRICATION ASSOCIE

(71) **NEW DOMINION PACKAGING COMPANY INC.** [US/US]; PO Box 1150, Madison Heights, VA 24572 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCOTT, Thomas** [US/US]; 5101 Inglewood Road, Lynchburg, VA 24503 (US). **LAVEAU, Randall, L.** [US/US]; 190 Norman Court, Des Plains, IL 60016 (US).

SCRUGGS, Roger [US/US]; 1752 Texas Avenue, Lynchburg, VA 24501 (US).

(74) **PELLEGRINI, Carl, 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 **B65D**

(11) **WO 2004/096649** (13) A2

(21) PCT/US2004/007933

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 10/417,469 **16 Apr/avr 2003 (16.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITE RESERVOIR FOR PRESSURIZED FLUID

• RESERVOIR COMPOSITE DESTINE A UN FLUIDE SOUS PRESSION

(71) **PACIFIC CONSOLIDATED INDUSTRIES, L.P.** [US/US]; 3430 West Carriage Drive, Santa Ana, CA 92704-6412 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Lee** [US/US]; 177 Riverside Ave., Apt. F1053, Newport Beach, CA 92663 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/34, 17/40**

(11) **WO 2004/096650** (13) A1

(21) PCT/US2003/010279

(22) **3 Apr/avr 2003 (03.04.2003)**

(25) en (26) en

(30) 10/404,899 **31 Mar/mar 2003 (31.03.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PULL TAB ON TEAR STRIP ON PLATIC COVER, INCLUDING BREAK TAB FEATURE, AND RELATED APPARATUS AND METHODS

• LANGUETTE DE PREHENSION SUR BANDE DECHIRABLE DE COUVERCLE EN PLASTIQUE, AVEC SYSTEME D'ONGLET DE RUPTURE, DISPOSITIFS ET PROCEDES CONNEXES

(71) **ROPAK CORPORATION** [US/US]; 660 South State College Blvd., Fullerton, CA 92631 (US).

(72) **LUBURIC, Frano**; 660 S. State College Blvd., Fullerton, CA 92631 (US).

(74) **HOLLAND, J., Mark**; J. Mark Holland & Associates, 3 Civic Plaza, Suite 210, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ **B65D 19/00**

(11) **WO 2004/096651** (13) A2

(21) PCT/US2004/013074

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/426,335 **29 Apr/avr 2003** US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PALLET ASSEMBLY

• ASSEMBLAGE DE PALETTE

(71) **REHRIG PACIFIC COMPANY** [US/US]; 4010 East 26th Street, Los Angeles, California 90023 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **APPS, William P.** [US/US]; 225 Lake Heights Drive, Alpharetta, Georgia 30022 (US). **SMYERS, Justin M.** [US/US]; 607 N. Irena, Apt. 202, Redondo Beach, CA 90277 (US). **OVERHOLT, Trenton M.** [US/US]; 129 12th Street, Manhattan Beach, CA 90266 (US).

(74) **DIAMOND, Konstantine J.**; 4010 E. 26th Street, Los Angeles, California 90023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 19/00**

(11) **WO 2004/096652** (13) A2

(21) PCT/US2004/013075

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/426,338 **29 Apr/avr 2003** US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PALLET ASSEMBLY

• ASSEMBLAGE DE PALETTE

(71) **REHRIG PACIFIC COMPANY** [US/US]; 4010 East 26th Street, Los Angeles, California 90023 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **APPS, William P.** [US/US]; 225 Lake Heights Drive, Alpharetta, Georgia 30022 (US). **SMYERS, Justin M.** [US/US]; 607 N. Irena, Apt. 202, Redondo Beach, CA 90277 (US). **OVERHOLT, Trenton M.** [US/US]; 129 12th Street, Manhattan Beach, CA 90266 (US).

(74) **DIAMOND, Konstantine J.**; 4010 E. 26th Street, Los Angeles, California 90023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/18**

(11) **WO 2004/096653** (13) A1

(21) PCT/NL2004/000292

(22) **3 May/mai 2004 (03.05.2004)**

(25) nl (26) en

(30) 1023335 **2 May/mai 2003** NL (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTAINER AND SET AND METHOD FOR FORMING THE SAME

• CONTENEUR ET ENSEMBLE, ET PROCEDE POUR LES FORMER

(71) **FOUNTAIN TECHNOLOGIES B.V.** [NL/NL]; Rivium Quadrant 90, NL-2909 LC Capelle a/d IJssel (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOOGLAND, Hendricus, Antonius** [NL/NL]; Hofstee 2, NL-1531 SZ Wormer (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).

Published / Publiée : (c)

(51)⁷ **B65D 25/00, 25/06**

(11) **WO 2004/096654** (13) A1

(21) PCT/US2004/012567

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,105 **24 Apr/avr 2003** US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRAY ASSEMBLY HAVING HINGED DIVIDERS

• ENSEMBLE PLATEAU A ELEMENTS DE SEPARATION ARTICLES

(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, SW, Washington, DC 20260-1136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSBORN, Mark** [US/US]; 8139 Heatherton Lane #203, Vienna, VA 22180 (US).

(74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, LL, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/00**

(11) **WO 2004/096655** (13) A1

(21) PCT/GB2004/001885

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 0309799.5 **30 Apr/avr 2003** GB (30.04.2003)

(30) 0310165.6 **2 May/mai 2003** GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STACK OF BAGS

• PILE DE SACS

(71) EURO PACKAGING LTD [GB/GB]; 118 Amington Road, Yardley, Birmingham B25 8JZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DICKINSON, Adam [GB/GB]; 19 Francis Road, Lichfield, Staffordshire WS13 7JX (GB).

(74) CROSTON, David 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).

Published / Publiée : (c)

(51)⁷ B65D 41/20

(11) WO 2004/096656 (13) A1

(21) PCT/EP2004/050304

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 19 428.2 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CLOSURE CAP PROVIDED WITH A COVERING DISK

• CAPUCHON DE FERMETURE MUNI D'UN DISQUE DE RECOUVREMENT

(71) BERICAP GMBH & CO. KG [DE/DE]; Kirchstrasse 5, 55257 Budenheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAUTKRÄMER, Günter [DE/DE]; Gonsenheimer Strasse 15, 55257 Budenheim (DE).

(74) WEBER, Dieter et al. / etc.; Weber, Seifert, Lieke, Postfach 61 45, 65051 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 51/28

(11) WO 2004/096657 (13) A1

(21) PCT/GB2004/001715

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309530.4 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIDS FOR DRINKING CUPS

• COUVERCLES POUR GOBELETS

(71) AUTOBAR GROUP LIMITED [GB/GB]; Autobar House, 41/43 Kew Bridge Road, Brentford, Middlesex TW8 0DY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) URQUHART, Kevin [GB/GB]; 1 The Uplands, Birtley, County Durham DH3 1RJ (GB).

(74) WARREN, Keith, Stanley et al. / etc.; Baron & Warren, 19 South End, Kensington, London W8 5BU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 51/30

(11) WO 2004/096658 (13) A1

(21) PCT/IB2004/001335

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 648/DEL/2003 30 Apr/avr 2003 IN (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLIP TOP CONTAINER WITH BUILT IN DESICCANT

• CONTENANT A DESSUS DE COUVERCLE RABATTABLE A SICCATIF INTEGRE

(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) MALIK, Rajiv [IN/AT]; Haus 13/4, Unterer Schreiberweg, A-1190 Wien (AT). CHOWDHURY, Santanu [IN/IN]; 101, 1st Floor, A-Block, South City - II, Gurgaon 122001 (IN). AGGARWAL, Nidhi [IN/IN]; Flat No. 8, Star Apartments, Sector-9, Rohini, Delhi 110085 (IN). SENGUPTA, Indranath [IN/IN]; G.T. Road, Taldanga,

P.O. Chirkunda, Dist. Dhanbad, Jharkhand 828202 (IN). KUMAR, Golukonda, Prasanna [IN/IN]; 401/1 Part, 4th Floor, White House, Kundhanbagh, Begumpet, Hyderabad (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, Princeton, New Jersey 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 B65D 75/58

(11) WO 2004/096659 (13) A2

(21) PCT/NL2004/000277

(22) 26 Apr/avr 2004 (26.04.2004)

(25) nl (26) en

(30) 1023264 25 Apr/avr 2003 NL (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MANUFACTURING, WITH THE AID OF A FILM, A PACKAGE WHICH IS VACUUMIZABLE AT LEAST WHEN THE PACKAGE IS FILLED WITH CONSUMER ITEMS AS FOR INSTANCE COFFEE

• PROCEDE DE FABRICATION, A L'AIDE D'UN FILM, D'UN EMBALLAGE QUI PEUT ETRE MIS SOUS VIDE AU MOINS LORSQUE L'EMBALLAGE EST REMPLI D'ARTICLES DE CONSOMMATION TEL QUE DU CAFE INSTANTANE

(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) FLAMAND, John, Henri [NL/NL]; Slufter 27, NL-8602 DA Sneek (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 B65D 77/06

(11) WO 2004/096660 (13) A1

(21) PCT/EP2004/003975

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 203 06 550.6 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PALLET CONTAINER
• CONTENEUR PALETTE(71) MAUSER-WERKE GMBH & CO. KG
[DE/DE]; Schildgesstrasse 71-163, 50321
Brühl (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PRZYTULLA, Dietmar [DE/DE];
Gustav-Heinemann-Strasse 64, 50170 Ker-
pen (DE).(74) HERFORTH, Klaus, E.; Mauser-Werke
GmbH & Co.KG, Schildgesstrasse 71-163,
50321 Brühl (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 77/06, 19/38, 19/12

(11) WO 2004/096661 (13) A1

(21) PCT/ZA2004/000046

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003/3394 2 May/mai 2003 ZA
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERMEDIATE BULK CONTAINER
• RECIPIENT INTERMEDIAIRE POUR
VRAC(71) ALMAR PACKAGING INTERNA-
TIONAL INC [ZA/ZA]; 201 Gateview,
3 Sugar Close, 4319 Umhlanga Rocks (ZA).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) THORPE, John, Richard [ZA/ZA]; 12
Aloe Drive, Zinkwazi, 4480 Darnall (ZA).
WOOD, Richard, Roy [ZA/ZA]; 13 Jack
Street, Robin Hills, 2194 Randburg (ZA).(74) MCCALLUM RADEMEYER & FREI-
MOND et al. / etc.; PO Box 1130, 7 June
Avenue Maclyn House Bordeaux, 2125
Randburg (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 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).

Published / Publiée : (c)

(51)⁷ B65D 83/00, 77/06, 47/20, 35/02

(11) WO 2004/096662 (13) A1

(21) PCT/JP2004/005810

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-124491 28 Apr/avr 2003 JP
(28.04.2003)(30) 2004-035925 13 Feb/fév 2004 JP
(13.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIXED-AMOUNT DISCHARGE CON-
TAINER
• RECIPIENT D'EVACUATION A QUAN-
TITE FIXEE(71) SHISEIDO COMPANY LTD. [JP/JP]; 5-5,
Ginza 7-chome, Chuo-ku, Tokyo, 1048010
(JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NASU, Mieko [JP/JP]; c/o SHISEIDO
RESEARCH CENTER(SHIN-YOKO-
HAMA) 2-1, Hayabuchi 2-chome,
Tsuzuki-ku, Yokohama-shi, Kanagawa,
2248558 (JP). SATO, Tatsuo [JP/JP];
c/o SHISEIDO RESEARCH CEN-
TER(SHIN-YOKOHAMA) 2-1, Hayabuchi
2-chome, Tsuzuki-ku, Yokohama-shi, Kana-
gawa, 2248558 (JP).(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo, 1506032 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B65D 83/06, G03G 15/08

(11) WO 2004/096663 (13) A1

(21) PCT/JP2004/005933

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120963 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STORAGE VESSEL AND IMAGE
FORMING DEVICE
• RECIPIENT DE STOCKAGE ET DISPO-
SITIF DE FORMATION D'IMAGE(71) RICOH COMPANY LIMITED [JP/JP];
3-6, Nakamagome 1-chome, Ohta-ku, Tokyo,
1438555 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KATSUYAMA, Goro [JP/JP]; c/o RI-
COH COMPANY, LIMITED, 3-6, Nakam-
agome 1-chome, Ohta-ku, Tokyo, 1438555
(JP).(74) SAKAI, Hiroaki; Sakai International Patent
Office, Tokyo Club Building, 2-6, Ka-
sumigaseki 3-chome, Chiyoda-ku, Tokyo,
1000013 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (b)

(51)⁷ B65D 83/08

(11) WO 2004/096664 (13) A2

(21) PCT/IB2004/001399

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/427,047 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PACKAGED SUPPLY OF INDIVIDUAL
DOSES OF A PERSONAL CARE PROD-
UCT
• CONDITIONNEMENT DE DOSES IN-
DIVIDUELLES D'UN PRODUIT DE
SOINS PERSONNELS(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) GINSBERG, Steven, Robert [US/US];
Pfizer Inc., 201 Tabor Road, Morris Plains,
NJ 07950 (US). GRANT, Bradford, Stephen
[US/US]; Pfizer Inc., 201 Tabor Road, Morris
Plains, NJ 07950 (US).(74) LUMB, Trevor, J. et al. / etc.; Pfizer Inc.,
201 Tabor Road, Morris Plains, NJ 07950
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B65D 83/14

(11) WO 2004/096665 (13) A1

(21) PCT/EP2004/004231

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 03009538.5 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MODULAR UNIT CONSISTING OF
A DISCHARGE VALVE AND A
BAG WHICH IS CONNECTED IN A
FLUID-TIGHT MANNER THERETO

• UNITE COMPOSEE D'UNE SOUPE
DE DISTRIBUTION ET D'UNE POCH
RELIEE A LA SOUPE DE FAÇON
ETANCHE AUX FLUIDES

(71) COSTER TECNOLOGIE SPECIALI
S.P.A. [IT/IT]; Viale Trento, 2, I-38050 Cal-
ceranica al Lago (IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GEIER, Adalberto [IT/IT]; Via Nedda
Falzogher, 53, I-38050 Villazzano (IT).

(74) POPP, Eugen et al. / etc.; Meissner, Bolte
und Partner, Postfach 86 06 24, 81633
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 83/14

(11) WO 2004/096666 (13) A1

(21) PCT/GB2004/001891

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309940.5 30 Apr/avr 2003 GB
(30.04.2003)

(30) 0309936.3 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METERING VALVE

• SOUPE DE DOSAGE

(71) BESPAC PLC [GB/GB]; Bergen Way,
North Lynn Industrial Estate, King's Lynn,
Norfolk PE30 2JJ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALLSOP, Paul [GB/GB]; 6 Tyndale,
North Wootton, King's Lynn, Norfolk PE30
3XD (GB).

(74) THOMSON, Neil, David et al. / etc.; Boul
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 B65D 83/54

(11) WO 2004/096667 (13) A1

(21) PCT/GB2004/001834

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309936.3 30 Apr/avr 2003 GB
(30.04.2003)

(30) 0309940.5 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METERING VALVE

• SOUPAPES DOSEUSES

(71) BESPAC PLC [GB/GB]; Bergen Way,
North Lynn Industrial Estate, King's Lynn
Norfolk PE30 2JJ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALLSOP, Paul [GB/GB]; 6 Tyndale,
North Wootton, King's Lynn Norfolk PE30
3XD (GB).

(74) THOMSON, Neil, David et al. / etc.; Boul
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 B65D 83/54

(11) WO 2004/096668 (13) A1

(21) PCT/GB2004/001863

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309936.3 30 Apr/avr 2003 GB
(30.04.2003)

(30) 0309940.5 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METERING VALVE

• VALVE DOSEUSE

(71) BESPAC plc [GB/GB]; Bergen Way, North
Lynn Industrial Estate, King's Lynn Norfolk
PE30 2JJ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALLSOP, Paul [GB/GB]; 6 Tyndale,
North Wootton, King's Lynn, Norfolk PE30
3XD (GB).

(74) THOMSON, Neil, David et al. / etc.; Veru-
lam 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 B65D 85/02, 81/05, 57/00, B65B 35/52,
B65G 57/16, B60B 21/00

(11) WO 2004/096669 (13) A1

(21) PCT/NZ2004/000082

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 525643 30 Apr/avr 2003 NZ
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WHEEL RIM STACKING DEVICE

• DISPOSITIF D'EMPILEMENT DE
JANTES DE ROUE

(71) PFIVE LIMITED [NZ/NZ]; 28 Lingarth
Street, Remuera, AUCKLAND (NZ).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAYLOR, Stephen Thomas [NZ/NZ];
3/43 Tawhiri Road, One Tree Hill, AUCK-
LAND (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park,
6th Floor Huddart Parker Building, PO Box
949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B65D 85/02, 81/05, 57/00, B65B 35/52,
B65G 57/16, B60B 21/00

(11) WO 2004/096670 (13) A1

(21) PCT/NZ2004/000083

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 525645 30 Apr/avr 2003 NZ
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMOTIVE WHEEL RIM STACK
SUPPORTING MEANS

• MOYEN DE SUPPORT D'UNE PILE DE
JANTES D'AUTOMOBILE

(71) PFIVE LIMITED [NZ/NZ]; 28 Lingarth
Street, Remuera, Auckland (NZ).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAYLOR, Stephen, Thomas [NZ/NZ];
3/43 Tawhiri Road, One Tree Hill, Auckland
(NZ).

(74) ADAMS, Matthew, D., et al. / etc.; A J Park,
6th Floor Huddart Parker Building, PO Box
949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ B65D 85/57

(11) WO 2004/096671 (13) A1

(21) PCT/JP2003/005554

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISC STORAGE DEVICE

• DISPOSITIF POUR ENTREPOSER DES
DISQUES

(71, 72) ITO, Takashi [JP/JP]; Room 501, Roy-
alchateaujigaoka, 166-1, Meitohonmachi,
Meito-ku, Nagoya-shi, Aichi 465-0088 (JP).

(74) ISHIGURO, Kenji; 1813-2, Kamiyashiro
1-chome, Meito-ku, Nagoya-shi, Aichi
465-0025 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 90/02, 90/50

(11) WO 2004/096672 (13) A1

(21) PCT/EP2004/004046

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 982.3 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTAINER BASED ON COMPOSITE
ELEMENTS

• RECIPIENT A BASE D'ELEMENTS
COMPOSITES

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DIERSEN, Jens [DE/BE]; Arboretum-
laan 44, B-3080 Tervuren (BE). FUCHS,
Harald [DE/DE]; Eichenweg 4, 82194
Grobenzell (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ B65F 3/20, 3/28

(11) WO 2004/096673 (13) A1

(21) PCT/US2003/034058

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 10/414,659 16 Apr/avr 2003 US
(16.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIDE LOADING REFUSE COLLEC-
TION VEHICLE BODY

• BENNE DE COLLECTE DES OR-
DURES A CHARGEMENT LATERAL

(71) MCNEILUS TRUCK AND MANUFAC-
TURING, INC. [US/US]; County Road 34
East, Dodge Center, MN 55927 (US).

(72) PRUTEANU, Claudiu, D.; 203 - 12th
Avenue NW, Kasson, MN 55944 (US).
PECKA, John, G.; 62560 - 185th Avenue
North, Dodge Center, MN 55927 (US).

(74) MERSERAU, C., G.; Nikolai &
Mersereau, P.A., 900 Second Avenue South,
#820, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU ZA
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (b)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B65G 21/14, 21/20

(11) WO 2004/096674 (13) A1

(21) PCT/JP2004/006293

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-125459 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TELESCOPABLE CARRY CONVEYOR AND METHOD OF TELESCOPING CARRY CONVEYOR

• TRANSPORTEUR TELESCOPIQUE ET PROCEDE POUR FAIRE VARIER LA LONGUEUR DE CE DERNIER DE MANIERE TELESCOPIQUE

(71) FUJI MACHINE MFG. CO., LTD. [JP/JP]; 19, Chausuyama, Yamamachi, Chiryu-shi, Aichi 472-0006 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FURUUCHI, Mikio [JP/JP]; c/o FUJI MACHINE MFG. CO., LTD., 19, Chausuyama, Yamamachi, Chiryu-shi, Aichi 472-0006 (JP).

(74) KOBAYASHI, Osamu; KAWASHIMA Bldg. 2nd Floor, 19-13, Kanayama-cho 1-chome, Atsuta-ku, Nagoya-shi, Aichi 456-0002 (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)

(51)⁷ B65G 21/20, 29/02

(11) WO 2004/096675 (13) A1

(21) PCT/GB2004/001720

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0310012.0 1 May/mai 2003 GB
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONVEYOR FOR CONTAINERS WITH MAGNETIC RETAINING MEANS

• CONVOYEUR DE CONTENANTS COMPORTANT DES ELEMENTS DE RETENUE MAGNETIQUES

(71) APV SYSTEMS LIMITED [GB/GB]; Manor Drive, Paston Parkway, Peterborough PE4 7AP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILES, David, Robert [GB/GB]; 5 Carisbrook Grove, Stamford, Lincolnshire PE9 2GF (GB).

(74) BARKER BRETTELL; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65G 37/02, 35/08

(11) WO 2004/096676 (13) A1

(21) PCT/DE2004/000654

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 19 016.3 27 Apr/avr 2003 DE
(27.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE AND METHOD FOR DISPLACING GAS TURBINES, ESPECIALLY DURING MAINTENANCE THEREOF

• DISPOSITIF ET PROCEDE POUR DEPLACER DES TURBINES A GAZ, NOTAMMENT LORS DE LEUR MAINTENANCE

(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) MÜLLER, Peter-Max [DE/DE]; Hehlensloh 5, 29229 Celle (DE). RENNERT, Detlef [DE/DE]; Zum Krücker 13, 37197 Hattorf/Harz (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).

Published / Publiée : (c)

(51)⁷ B65G 41/00

(11) WO 2004/096677 (13) A1

(21) PCT/GB2004/001922

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310177.1 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPPORT MEANS FOR A LATERAL CONVEYOR ON A MOBILE CHASSIS

• MOYENS DE SUPPORT POUR UN TRANSPORTEUR LATERAL SUR UN CHASSIS MOBILE

(71) METSO MINERALS (CAPPAGH) LTD [GB/GB]; 55 Cappagh Road, Galbally, Dungannon, County Tyrone BT70 2PE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAKINEN, Marko, Kalevi [FI/FI]; Annalankatu 1 B 13, FIN-33710 Tampere (FI). WHYTE, Stephen, Alexander [GB/GB]; 22 Pinewood Avenue, Hospital Road, Omagh BT79 0DB (GB). ANTILA, Kari, Heikki, Olavi [FI/FI]; Korvenkatu 32 A 4, FIN-33300 Tampere (FI).

(74) FITZPATRICKS; 39 Stukeley Street, London WC2B 5LT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65G 49/06

(11) WO 2004/096678 (13) A1

(21) PCT/EP2004/002333

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 19 379.0 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR TRANSPORTING A FLAT SUBSTRATE IN A VACUUM CHAMBER

• DISPOSITIF POUR TRANSPORTER UN SUBSTRAT PLAT DANS UNE CHAMBRE A VIDE

(71) APPLIED FILMS GMBH & CO. KG [DE/DE]; Siemensstrasse 100, 63775 Alzenau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BANGERT, Stefan [DE/DE]; Seidenröther Strasse 6, 36396 Steinau (DE). FUCHS, Frank [DE/DE]; Dorfegasse 3, 63826 Geiselbach-Ommersbach (DE). SCHÜSSLER, Uwe [DE/DE]; Brahmweg

4, 63743 Aschaffenburg (DE). LINDEN-BERG, Ralph [DE/DE]; Martin-Luther-Ring 21, 61137 Schöneck (DE). STOLLEY, Tobias [DE/DE]; Teichweg 2 B, 63452 Hanau (DE).

(74) SCHICKEDANZ, Willi; Langener Strasse 68, 63073 Offenbach (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 B65G 49/06, H01L 21/68

(11) WO 2004/096679 (13) A1

(21) PCT/JP2004/006000

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-125701 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUBSTRATE-LEVITATING DEVICE

• DISPOSITIF DE LEVITATION DE SUBSTRAT

(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) OKAHIRA, Hiroyuki [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072

(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).

Published / Publiée : (a)

(51)⁷ B65G 51/03, 21/20

(11) WO 2004/096680 (13) A1

(21) PCT/FR2003/001311

(22) 25 Apr/avr 2003 (25.04.2003)

(25) fr (26) fr

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADJUSTABLE POSITIONING SYSTEM FOR A CONVEYOR

• SYSTEME A POSITIONNEMENT REGLABLE POUR CONVOYEUR

(71) NETRA SYSTEMS [FR/FR]; 70, rue du Collège, F-59700 Marcq en Baroeul (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LALLEMAND, Bruno [FR/US]; 265 Arrowood road, Tyrone 30290 (US). MAERTEN, Daniel [FR/US]; 109 Holly Spring drive, Peachtree City 30269 (US). DELAPORTE, Pascal [FR/FR]; 30, rue Jacques Prévert, F-59113 Seclin (FR).

(74) MATKOWSKA & ASSOCIES; 10, Avenue de la Créativité, F-59650 Villeneuve D'asq (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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/096681 (13) A1

(21) PCT/JP2004/005789

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-121790 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WARNING DEVICE, DEVICE AND METHOD OF TRANSPORTATION, AND EXPOSURE DEVICE

• DISPOSITIF D'ALARME, DISPOSITIF ET PROCÉDE POUR LE TRANSPORT, ET DISPOSITIF D'EXPOSITION

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIHARA, Junichi [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65H 1/04, B41J 13/00

(11) WO 2004/096682 (13) A1

(21) PCT/JP2004/006364

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126181 1 May/mai 2003 JP (01.05.2003)

(30) 2004-132620 28 Apr/avr 2004 JP (28.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FEEDING DEVICE AND RECORDING DEVICE

• DISPOSITIF D'ALIMENTATION ET DISPOSITIF D'ENREGISTREMENT

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0081 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJIOKA, Satoshi [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). SAKATO, Yasuyuki [JP/JP]; 1743-4, hiraka, Saku-shi, Nagano 385-0034 (JP).

(74) KURIHARA, Kiyoshi; Clover International Patent Office, Famille Shinjuku Grand-Suite tower No.606, 21-8, Yoyogi, 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/26, 7/04, G03G 15/00

(11) WO 2004/096683 (13) A1

(21) PCT/JP2004/005188

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-121899 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE FORMING APPARATUS

• APPAREIL DE FORMATION D'IMAGE

(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) KAMEI, Kayo [JP/JP]; 1-8-4-901, Koizumichohigashi, Yamatokoriyama-shi,

Nara 6391044 (JP). NAKAO, Motokazu [JP/JP]; 111-1, Jionji, Sakurai-shi, Nara 6330017 (JP). HATANAKA, Masatsugu [JP/JP]; 2-7-43, Kamiichi, Kashiwara-shi, Osaka 5820007 (JP). YOSHIDA, Shigeru [JP/JP]; 362-4, Hikida, Sinjo-cho, Kitakat-suragi-gun, Nara 6392101 (JP).

(74) KURAUCHI, Giro; Sumitomoseimei Midosuji Bldg., 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/26

(11) WO 2004/096684 (13) A2

(21) PCT/IT2004/000140

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) FI2003 A 000118 28 Apr/avr 2003 IT (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR CAUSING PAPER WEBS TO TEAR OFF WITHIN REWINDING MACHINES

• APPAREIL ET PROCEDE PERMETTANT LE DECOUPAGE DE BANDES DE PAPIER A L'INTERIEUR DE MACHINES DE REMBOBINAGE

(71, 72) PERINI, Fabio [IT/IT]; Via S.Francesco, 1, I-55049 Viareggio (IT).

(74) MARTINI, Lazzaro; Studio Brevetti, Ing. Dr. Lazzaro Martini S.r.l., Via dei Rustici 5, I-50122 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65H 31/02

(11) WO 2004/096685 (13) A1

(21) PCT/IL2003/000350

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STRIKE PLATE AND EXIT SECTION UTILIZING SAME

• PLAQUE ANTICHOC ET SECTION DE SORTIE UTILISANT CETTE PLAQUE

(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) FEYGELMAN, Alex [IL/IL]; 29/7 ARLOZOROV STREET, 49408 PETACH TIKVA (IL). SOLOMOVITCH, Elias [IL/IL]; 15/8 MILLER STREET, 76284 REHOVOT (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 B65H 35/06, 16/02

(11) WO 2004/096686 (13) A2

(21) PCT/IB2004/050484

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/249,708 1 May/mai 2003 US (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PORTABLE DEVICE FOR HOLDING, SIZING AND CUTTING UNROLLED OR FLAT MEDIA

• DISPOSITIF PORTATIF POUR TENIR, MESURER ET DECOUPER DES MILIEUX DEROLUES OU PLATS

(71, 72) CHABANSKY, Bruce [US/US]; 2850 Middlefield Rd. #334, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65H 45/16, 45/28

(11) WO 2004/096687 (13) A1

(21) PCT/EP2004/050656

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 774.5 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROTARY FOLDER COMPRISING A CUTTING DEVICE FOR CROSS-CUTTING AT LEAST ONE WEB

• APPAREIL DE PLIAGE À ROUES DOTÉ D'UN DISPOSITIF DE COUPE POUR COUPER EN TRAVERS AU MOINS UNE BANDE DE MATÉRIAU

(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) HELD, Michael [DE/DE]; Ringstr. 40, 67259 Heuchelheim (DE). PRÜM, Sebastian, Alois [DE/DE]; Villenstr. 14, 67657 Kaiserslautern (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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 54/58, 75/38, B60P 7/06

(11) WO 2004/096688 (13) A1

(21) PCT/FI2003/000805

(22) 31 Oct/oct 2003 (31.10.2003)

(25) fi (26) en

(30) U20030177 29 Apr/avr 2003 FI (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BINDING STRAP RACK

• RATELIER POUR SANGLE D'ARRIMAGE

(71) PT-TUOTE TRE OY [FI/FI]; Kirkkokatu 16 A 1, FI-37830 Viiala (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) TUOMINIEMI, Jukka [FI/FI]; Kirkkokatu 16 A 1, FIN-37830 Viiala (FI).

(74) KANGASMÄKI, Reijo; Finnish Patent Consulting FPC, Hermiankatu 14, FI-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 B66B

(11) WO 2004/096689 (13) A2

(21) PCT/DE2004/000905

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) DE 103 19 727.3 30 Apr/avr 2003 DE (30.04.2003)

(30) DE 103 33 780.6 24 Jul/juil 2003 DE (24.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MEASURING AN ESCALATOR AND A HOLDING DEVICE AND SLIDES FOR A MEASURING PROBE IN ORDER TO MEASURE AN ESCALATOR

• PROCEDE DE MESURE D'UN ESCALIER MOBILE ET DISPOSITIF DE FIXATION ET CHARIOT DESTINES A UNE SONDE DE MESURE D'UN ESCALIER MOBILE

(71) PRÜFTECHNIK DIETER BUSCH AG [DE/DE]; Oskar-Messter-Strasse 19-21, 85737 Ismaning (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LYSEN, Heinrich [DE/DE]; Schillerweg 3, 85748 Garching (DE). ECKER, Matthias [DE/DE]; Ostermayrstr 5/106, 80807 München (DE). KONETSCHNY, Volker [DE/DE]; Haarer Str. 14 a, 85640 Putzbrunn (DE). LEWIS, Simon [GB/DE]; Lautensackstr. 12, 80687 München (DE). STROEL, Klaus [DE/DE]; Trischberger Weg 5, 85652 Gelting (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 :

(s) for the following designations / pour 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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 B66B 1/14, 1/18, 13/22

(11) WO 2004/096690 (13) A1

(21) PCT/EP2003/004487

(22) 30 Apr/avr 2003 (30.04.2003)

(25) de (26) de

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELEVATOR SYSTEM AND METHOD FOR CONTROLLING SAID ELEVATOR SYSTEM

• DISPOSITIF D'ASCENSEUR ET PROCEDE POUR COMMANDER UN DISPOSITIF D'ASCENSEUR

(71) THYSSENKRUPP ELEVATOR AG [DE/DE]; August-Thyssen-Strasse 1, 40211 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEISSNER, Wolfgang [DE/DE]; Beethovenstrasse 1, 73765 Neuhausen (DE). NÜBLING, Walter [DE/DE]; Hauffstrasse 24, 73760 Ostfildern (DE).

(74) KARRAIS, Martin et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B66B 11/00, 11/08

(11) WO 2004/096691 (13) A1

(21) PCT/DE2004/000898

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 731.1 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELEVATOR

• ASCENSEUR

(71) WITTUR AG [DE/DE]; Rohrbachstrasse 26-30, 85259 Wiedenzhausen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72) KÜNTSCHER, Dietmar; Siebenbürgener Strasse 5, 01257 Dresden (DE). WITTUR, Horst; Waldstrasse 9a, 85757 Karlsfeld/Rothschwaige (DE).

(74) ILBERG, Roland; Ilberg - Weissfloh Patentanwälte, Am Weissiger Bach 93, 01328 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 : (a)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 B66D 1/30, A63J 1/02

(11) WO 2004/096692 (13) A1

(21) PCT/FR2004/050159

(22) 13 Apr/avr 2004 (13.04.2004)

(25) fr (26) fr

(30) 0304521 11 Apr/avr 2003 FR (11.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR VERTICALLY MOVING ONE OR MORE OBJECTS WHILE MAINTAINING THEIR INITIALLY DEFINED ORIENTATION AND POSITIONING

• DISPOSITIF POUR DEPLACER VERTICALEMENT UN OU PLUSIEURS OBJETS TOUT EN CONSERVANT LEUR ORIENTATION ET LEUR POSITIONNEMENT DEFINIS INITIALEMENT

(71, 72) PICHON, Marc [FR/FR]; 93, rue François Coppée, F-29200 BREST (FR). LECOMTE, Michel [FR/FR]; 34, Bd des Belges, F-44300 NANTES (FR).

(74) RHEIN, Alain; CABINET BLEGER-RHEIN, 8, Avenue Pierre Mendès France, F-67300 SCHILTIGHEIM (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B67B 7/42, B65D 17/32

(11) WO 2004/096693 (13) A1

(21) PCT/KR2004/000946

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ko (26) en

(30) 20-2003-0013015 26 Apr/avr 2003 KR
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BUILT-IN CAN OPENER

• MODULE D'OUVERTURE D'UNE
CONSERVE INTEGREE(71, 72) KWAK, Young-Mun [KR/KR]; 105-22
Chimsan 2-dong, Buk-gu, Daegu Metropolitan
City 702-050 (KR).(74) HAN YANG PATENT FIRM; 10th Floor,
Dacom Building, 706-1 Yeoksam-Dong
Gangnam-Gu, Seoul 135-987 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/08, 1/07, 1/12

(11) WO 2004/096694 (13) A1

(21) PCT/AU2004/000558

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003902052 30 Apr/avr 2003 AU
(30.04.2003)(30) 2003902051 30 Apr/avr 2003 AU
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRESSURISED DRINK DISPENSING
SYSTEM• SYSTEME DE DISTRIBUTION DE
BOISSON A LA PRESSION(71) AUTOMATED BEVERAGE TECH-
NOLOGIES LTD [CN/CN]; c/- BDO Mc-
Cabe Lo & Co, 29th Floor, Wing On Centre
111 Connaught, Road Central, Hong Kong
(CN).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VOK, Peter [AU/AU]; c/- Bar Master
Corporation Pty Limited, D/50 Rosebery Ave-
nue, Rosebery, New South Wales 2018 (AU).
VOK, George [AU/AU]; c/- Bar Master Cor-
poration Pty Limited, D/50 Rosebery Avenue,
Rosebery, New South Wales 2018 (AU).(74) BLAKE DAWSON WALDRON PATENT
SERVICES; Level 35, Grosvenor Place, 225
George Street, Sydney, New South Wales
2000 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GHGM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/096695 (13) A2

(21) PCT/DE2004/000605

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 18 767.7 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICROMECHANICALLY ACTUAT-
ABLE OPTOELECTRONIC COMPO-
NENT• COMPOSANT OPTOÉLECTRONIQUE
À ACTIONNEMENT MICROMÉCA-
NIQUE(71) UNIVERSITÄT KASSEL [DE/DE];
Mönchebergstrasse 19, 34125 Kassel (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HILLMER, Hartmut [DE/DE]; Pe-
ter-Behrens-Strasse 12, 64287 Darmstadt
(DE). DALEIDEN, Jürgen [DE/DE];
Christbuchenstrasse 121, 34130 Kassel (DE).
PROTT, Cornelia [DE/DE]; Briloner Strasse
51, 34414 Warburg (DE). RÖMER, Fried-
hard [DE/DE]; Felchenstrasse 20, 34132
Kassel (DE). IRMER, Sören [DE/DE];
Bahnhofstrasse 43a, 99998 Weinbergen (DE).
TARAF, Amer [LB/DE]; Wilhelmshöher
Allee 162, 34119 Kassel (DE). SCHÜLER,
Stefan [DE/DE]; Fröbelstrasse 7, 34121
Kassel (DE). RANGELOW, Ventzeslav
[BG/DE]; Arnold-Bode-Strasse 4, 34127
Kassel (DE).(74) VON SCHORLEMER, R.; Karthäuser-
strasse 5a, 34117 Kassel (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B81B 3/00, H01H 1/00

(11) WO 2004/096696 (13) A1

(21) PCT/GB2004/001773

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 1023275 25 Apr/avr 2003 NL
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANUFACTURING A
MICRO-MECHANICAL ELEMENT• PROCEDE DE FABRICATION D'UN
ELEMENT MICROMECHANIQUE(71) CAVENDISH KINETICS LTD [NL/NL];
Statenlaan 57, NL-5223 LA s'Hertogenbosch
(NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VAN KAMPEN, Robert [NL/NL];
Pruuwstraat 14, NL-5237 PL s'Hertogenbosch
(NL). SMITH, Charles, Gordon [GB/GB];
21 Kimberley Road, Cambridge CB4 1HG
(GB). LUO, Jack [NL/NL]; c/o Cavendish
Kinetics Ltd., Statenlaan 57, NL-5223 LA
s'Hertogenbosch (NL). WEEKS, Andrew,
John [NL/NL]; c/o Cavendish Kinetics Ltd.,
Statenlaan 57, NL-5223 LA s'Hertogenbosch
(NL).(74) GILL JENINGS & 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).

Published / Publiée : (c)

(51)⁷ B82B 1/00, H01L 29/06

(11) WO 2004/096697 (13) A1

(21) PCT/JP2004/004260

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-124480 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUNCTIONAL ELEMENT AND PRO-
DUCTION METHOD THEREFOR AND FUNC-
TIONAL SYSTEM AND FUNC-
TIONAL MATERIAL• ELEMENT FONCTIONNEL, PROCEDE
DE PRODUCTION ASSOCIE, SYS-
TEME FONCTIONNEL ET MATERIAU
FONCTIONNEL(71) JAPAN SCIENCE AND TECHNOLOGY
AGENCY [JP/JP]; 1-8, Honcho 4-chome,
Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ISHIBASHI, Akira [JP/JP]; 2-15-506,
Kita 16-jo Higashi 1-chome, Higashi-ku, Sap-
poro-shi, Hokkaido 065-0016 (JP).(74) MORI, Koh-ichi; Room 606, 6th Floor,
Soft Town Ikebukuro, 36-1, Nishi Ikebukuro
2-chome, Toshima-ku, Tokyo 171-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B82B 3/00, H01L 21/027, G03F 7/004, H01L 29/06, 51/00

(11) WO 2004/096698 (13) A1

(21) PCT/JP2004/005877

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-122629 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF BONDING MOLECULE AND MOLECULE BONDING APPARATUS
• PROCEDE ET APPAREIL DE LIAISON DE MOLECULES

(71) NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY [JP/JP]; 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 1848795 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTOMO, Akira [JP/JP]; c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 1848795 (JP).
FURUMI, Seichi [JP/JP]; c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 1848795 (JP).
SUZUKI, Hitoshi [JP/JP]; c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 1848795 (JP).
MIKI, Hideki [JP/JP]; c/o NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY, 4-2-1, Nukui-Kitamachi, Koganei-shi, Tokyo 1848795 (JP).

(74) OHGAKI, Takashi; 4F, Ikebukuro Center Building, 1-35-3, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B82B 3/00

(11) WO 2004/096699 (13) A1

(21) PCT/SE2004/000658

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301236-6 28 Apr/avr 2003 SE (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANUFACTURING A NANOSCALE CONDUCTIVE DEVICE
• PROCEDE DE PRODUCTION D'UN DISPOSITIF CONDUCTEUR NANOMETRIQUE

(71) CHALMERS INTELLECTUAL PROPERTY RIGHTS AB [SE/SE]; c/o Chalmers Industriteknik, Teknikparken, S-412 88 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KABIR, Mohammad, Shafiqul [BD/SE]; Dr Forselius Backe 54-123, S-413 26 Göteborg (SE).
CAMPBELL, Eleanor, E. B. [GB/SE]; Stensjöberg 27, S-431 36 Mölndal (SE).
DELSING, Per [SE/SE]; Rödklintevägen 9, S-438 33 Landvetter (SE).

(74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/00, 6/21, H01M 8/06, B60L 11/18

(11) WO 2004/096700 (13) A1

(21) PCT/GB2004/001579

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308253.4 10 Apr/avr 2003 GB (10.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METAL HYDRIDE SYNTHESIS AND A FUEL CELL USING METAL HYBRIDES FOR HYDROGEN STORAGE
• SYNTHÈSE D'HYDRURE METALLIQUE ET PILE A COMBUSTIBLE UTILISANT DES HYDRURES METALLIQUES POUR LE STOCKAGE D'HYDROGENE

(71) ISIS INNOVATION LIMITED [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7SG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDWARDS, Peter, Philip [GB/GB]; Inorganic Chemistry Laboratory, University of Oxford, South Parks Road, Oxford OX1 3QR (GB).
GROCHALA, Wojciech [PL/PL]; Department of Chemistry, University of Warsaw, Pasteur 1, PL-02-093 Warsaw (PL).
BOOK, David [GB/GB]; Department of Metallurgy and Materials Science, Birmingham University, Edgbaston, Birmingham B15 2TT (GB).
HARRIS, Ivor, Rex [GB/GB]; Department of Metallurgy and Materials Science, Birmingham University, Edgbaston, Birmingham B15 2TT (GB).

(74) KEEN, Celia, Mary et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C01B 15/01

(11) WO 2004/096701 (13) A1

(21) PCT/US2003/013907

(22) 6 May/mai 2003 (06.05.2003)

(25) en (26) en

(30) 10/401,351 28 Mar/mar 2003 US (28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYDROGEN PEROXIDE PRODUCTION USING STAGED HYDROGEN ADDITION
• PRODUCTION DE PEROXYDE D'HYDROGENE UTILISANT L'ADDITION D'HYDROGENE PAR ETAGE

(71) HYDROCARBON TECHNOLOGIES, INC. [US/US]; 1501 New York Ave., Lawrenceville, NJ 08648 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) RUETER, Michael [US/US]; 350 Maiden Lane, Plymouth Meeting, PA 19462 (US).

(74) NYDEGGER, Rick, D. et al. / etc.; Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ C01B 21/00

(11) WO 2004/096702 (13) A2

(21) PCT/GB2004/001783

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0309747.4 29 Apr/avr 2003 GB (29.04.2003)

(30) 0315643.7 4 Jul/juil 2003 GB (04.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVED CATALYST CHARGE DESIGN

• CONCEPTION DE CHARGE DE CATALYSEUR AMELIOREE

(71) JOHNSON MATTHEY PLC [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AXON, Sean, Alexander [GB/GB]; 8 Ettersgill Close, Eaglescliffe, Cleveland TS16 0GJ (GB). COUPLAND, Duncan, Roy [GB/GB]; 68 Warren Wood Drive, High Wycombe, Buckinghamshire HP11 1EA (GB). HORNER, Brian, Thomas [GB/GB]; 6 Kingfisher Close, Bourn, Cambridgeshire CB3 7TJ (GB). RIDLAND, John [GB/GB]; 12 Oatlands Way, Durham, County Durham DH1 5GL (GB). WISHART, Ian, Carmichael [GB/GB]; Bagpuize House, Baker Street, Aston Tirrold, Oxon OX11 9DD (GB).

(74) GIBSON, Sara, Hillary, Margaret et al. / etc.; Intellectual Property Department, Johnson Matthey Catalysts, P.O. Box 1, Belasis Avenue, Billingham, Cleveland TS23 1LB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/00

(11) WO 2004/096703 (13) A2

(21) PCT/GB2004/001785

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en

(26) en

(30) 0309747.4 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AMMONIA OXIDATION PROCESS

• PROCEDE D'OXYDATION DE L'AMMONIAC

(71) JOHNSON MATTHEY PLC [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AXON, Sean, Alexander [GB/GB]; 8 Ettersgill Close, Eaglescliffe, Cleveland TS16 0GJ (GB). COUPLAND, Duncan, Roy [GB/GB]; 68 Warren Wood Drive, High Wycombe, Buckinghamshire HP11 1EA (GB). FOY, James, Richard [GB/GB]; 23 Rainham Close, Ingleby Barwick, Stockton on Tees, Cleveland TS17 0XR (GB). RIDLAND, John [GB/GB]; 12 Oatlands Way, Durham, County Durham DH1 5GL (GB). WISHART, Ian, Carmichael [GB/GB]; Bagpuize House, Baker Street, Aston Tirrold, Oxfordshire OX11 9DD (GB).

(74) GIBSON, Sara, Hillary, Margaret et al. / etc.; Intellectual Property Department, Johnson Matthey Catalysts, P.O. Box 1 Belasis Avenue, Billingham, Cleveland TS23 1LB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/00

(11) WO 2004/096704 (13) A2

(21) PCT/US2003/024012

(22) 31 Jul/juil 2003 (31.07.2003)

(25) en (26) en

(30) 60/400,208 31 Jul/juil 2002 US (31.07.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MAKING SINGLE-WALL CARBON NANOTUBES USING SUPPORTED CATALYSTS

• PROCEDE DE FABRICATION DE NANOTUBES DE CARBONE A PAROI UNIQUE AU MOYEN DE CATALYSEURS SUPPORTES

(71) CARBON NANOTECHNOLOGIES, INC. [US/US]; 16200 Park Row, Houston, TX 77084 (US).

(72) YANG, Yuemei; 3102 Ashton Park Drive, Houston, TX 77082 (US). GROSBOLL, Martin, P.; 5306 Blue Creek, Kingwood, TX

77345 (US). SMITH, Kenneth, A.; 11322 Birdwing Lane, Houston, TX 77067 (US).

(74) GOODMAN, Kenneth, D.; 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C01B 31/02

(11) WO 2004/096705 (13) A1

(21) PCT/JP2004/006048

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-125844 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NANOCARBON PRODUCING DEVICE AND NANOCARBON PRODUCING METHOD

• DISPOSITIF ET PROCEDE DE PRODUCTION DE NANOCARBONE

(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). YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). ILJIMA, Sumio [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). 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).

(51)⁷ C01B 31/08

(11) WO 2004/096706 (13) A1

(21) PCT/CN2004/000202

(22) 15 Mar/mar 2004 (15.03.2004)

(25) zh (26) zh

(30) 03118337.9 29 Apr/avr 2003 CN (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THE PROCESSES FOR PRODUCING AND REGENERATING THE SEAMLESS ACTIVATED CARBON AND PRODUCTS OBTAINED BY THE SAID PROCESSES

• PROCEDES DE PRODUCTION ET DE REGENERATION DE CHARBON ACTIVE SANS INTERRUPTION ET PRODUITS OBTENUS PAR LEDIT PROCEDE

(71, 72) LI, Tao [CN/CN]; Room 803, No.2 of Building 1, Hua Sheng Jia Yuan, No.59, Fu Rong Nan Lu Changsha, Hunan 410007 (CN).

(72, 75) CHENG, Rushan [CN/CN]; Room 803, No.2 of Building 1, Hua Sheng Jia Yuan, No.59, Fu Rong Nan Lu Changsha, Hunan 410007 (CN).

(74) CHANGSHA ZONEKEY PATENTLAW FIRM; 135 Bayi Road, Changsha, Hunan 410001 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 33/107, 33/113

(11) WO 2004/096707 (13) A1

(21) PCT/US2003/021267

(22) 7 Jul/juil 2003 (07.07.2003)

(25) en (26) en

(30) 60/459,867 1 Apr/avr 2003 US (01.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR THE TREATMENT OF WASTE METAL CHLORIDES

• PROCEDE POUR LE TRAITEMENT DE DECHETS A BASE DE CHLORURE METALLIQUE

(71) ADVANCED SILICON MATERIALS LLC [US/US]; 3322 Road "N" N.E., Moses Lake, WA 98837-0258 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRENEMAN, William, C. [US/US]; 1103 S. Skyline Drive, Moses Lake, WA 98837 (US).

(74) POLLEY, Richard, J.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 C01B 33/40

(11) WO 2004/096708 (13) A1

(21) PCT/GB2004/001767

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309620.3 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYNTHETIC MAGNESIUM SILICATE COMPOSITIONS, METHODS AND USES THEREOF

• COMPOSITIONS DE SILICATE DE MAGNESIUM SYNTHETIQUES ET UTILISATIONS ASSOCIEES

(71) ROCKWOOD ADDITIVES LIMITED [GB/GB]; P.O. Box 2, Moorfield Road, Widnes, Cheshire WA8 0JU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARLAS, Mohammed, Jameel [GB/GB]; 12 West Park Road, Blackburn, Lancashire BB2 6DG (GB). DOYLE, Jane [GB/GB]; Hazeldene, Chapel Lane, Rossett, Wrexham LL12 0EE (GB). SHAW, David, Brian [GB/GB]; 26 Franklin Close, Old Hall, Warrington, Cheshire WA5 8QL (GB). TIMPERLEY, Terence [GB/GB]; 7 Burton Close, Widnes, Cheshire WA8 9ZJ (GB). WILLIAMS, Emma, Louise [GB/GB]; 109 Aviemore Drive, Fearnhead, Warrington, Cheshire WA2 0TH (GB).

(74) BUCKLEY, Guy, Julian et al. / etc.; Castles, 1 King Street, Bakewell, Derbyshire DE45 1DZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C01B 37/04, 37/08, B01J 29/00

(11) WO 2004/096709 (13) A1

(21) PCT/US2004/011180

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/425,587 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYNTHESIS AND USE OF ALUMINOPHOSPHATES AND SILICOALUMINOPHOSPHATES

• SYNTHESE ET UTILISATION D'ALUMINOPHOSPHATES ET DE SILICOALUMINOPHOSPHATES

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERTENS, Machteld, M. [BE/BE]; Beringstraat 72, B-3190 Boortmeerbeek (BE). JANSSEN, Marcel, J., G. [NL/BE]; Domeinstraat 84, B-3010 Kessel-Lo (BE). XU, Teng [CN/US]; 13422 Scenic Glade Drive, Houston, TX 77059 (US).

(74) SHERER, Edward, F.; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ C01D 3/06

(11) WO 2004/096710 (13) A1

(21) PCT/KR2004/000982

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10-2003-0027092 29 Apr/avr 2003 KR
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PREPARING A FUNCTIONAL SALT FROM DEEP-SEA WATER

- PROCEDE DE PREPARATION DE SEL FONCTIONNEL PROVENANT DES EAUX PROFONDES DE L'OCEAN

(71, 72) LIM, Ja [KR/KR]; 1278, Banpo-Bondong, Seocho-gu, Seoul 137-813 (KR).

(74) SHIN, Dong-In; 304, Dukam Bldg., 1457-2 Seocho3-dong, Seocho-gu, Seoul 137-867 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ 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 C01G 3/02, C22B 3/02, 3/46, 15/00, F28D 21/00

(11) WO 2004/096711 (13) A1

(21) PCT/US2003/008459

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND DEVICES FOR RECYCLING COPPER FROM A DISCARDED CIRCUIT BOARD AND A DISCARDED FLUID CONTAINING COPPER

- PROCEDES ET DISPOSITIFS DE RECYCLAGE DU CUIVRE DES CARTES A CIRCUITS IMPRIMES ET DE FLUIDES CUIVRES MIS AU REBUT

(71, 72) WU, Hsieh, Sen [—/—]; 5 Fl., No. 22, Lane 271, Sec. 1, Beishin Road, Shindian City, Taipei 231 (TW). CHEN, Chung, Chin [US/US]; 625 Slaters Lane, 4th floor, Alexandria, VA 22314 (US).

(74) FICHTER, Richard, E. et al. / etc.; Bacon & Thomas, PLLC, 625 Slaters Lane, 4th Floor, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C01G 23/00

(11) WO 2004/096712 (13) A1

(21) PCT/JP2004/005824

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-121284 25 Apr/avr 2003 JP
(25.04.2003)(30) 2003-380777 11 Nov/nov 2003 JP
(11.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BARIUM TITANATE POWDER AND METHOD FOR PRODUCING SAME

- POUDRE DE TITANATE DE BARYUM ET PROCEDE DE FABRICATION ASSOCIE

(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) UMEDA, Tetsu [JP/JP]; 2-13-1-5-304, Umezono, Tsukuba-shi, Ibaraki, 3050045 (JP). UCHIDA, Yoshio [JP/JP]; 2-13-1-2-302, Umezono, Tsukuba-shi, Ibaraki, 3050045 (JP). SHIBUTA, Takumi [JP/JP]; 1-9-523, Yushudainishi, Ichihara-shi, Chiba, 2990125 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C01G 25/02, B01J 21/06, C04B 35/48

(11) WO 2004/096713 (13) A1

(21) PCT/GB2004/001840

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309902.5 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PREPARING ZIRCONIUM OXIDES AND ZIRCONIUM-BASED MIXED OXIDES

- PROCEDE DE PREPARATION D'OXYDES DE ZIRCONIUM ET D'OXYDES MIXTES A BASE DE ZIRCONIUM

(71) MAGNESIUM ELEKTRON LTD. [GB/GB]; The Victoria, Harbour City, Salford Quays, Manchester M5 2SP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAO, Yasuhide [JP/JP]; Shimizu Works, Nippon Light Metal Co., Ltd., 4025-1, Miho, Shiizu-shi, Shizuoka, 424 (JP). NORMAN, Colin [GB/GB]; Mel Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (GB). EDWARDS, Gavin [GB/GB]; Mel Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (GB). CHISEM, Ian [GB/GB]; Mel Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (GB). JONES, Clare [GB/GB]; Mel Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (GB).

(74) WISE, Stephen, J. et al. / etc.; Raworth, Moss & Cook, Raworth House, 36 Sydenham Road, Croydon CR0 2EF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 31/00, C09K 11/82, 11/70

(11) WO 2004/096714 (13) A1

(21) PCT/EP2004/004488

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03008854.6 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYNTHESIS OF NANOPARTICLES COMPRISING METAL (III) VANADATE

- SYNTHESE DE NANOPARTICULES COMPRENANT UN VANADATE DE METAL (III)

(71) NANOSOLUTIONS GMBH [DE/DE]; Schnackenburgallee 149, 22525 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEIDELBERG, Thorsten [DE/DE]; Försterweg 112 B, 22525 Hamburg (DE). MEYER, Christiane [DE/DE]; Schäferstrasse 8, 20357 Hamburg (DE). KÜHL,

- Imke** [DE/DE]; Roonstrasse 35, 25335 Elmshorn (DE).
- (74) **HOFFMANN EITLE**; 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 C02F 1/44, 1/467, 1/72
(11) WO 2004/096715 (13) A1
(21) PCT/EP2004/004051
(22) 16 Apr/avr 2004 (16.04.2004)
(25) de (26) de
(30) 103 19 044.9 25 Apr/avr 2003 DE (25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • DEVICE FOR THE ELECTROLYTIC AND OXIDATIVE TREATMENT OF WASTEWATERS, CONDUCTING FILTRATION MEMBRANES USED THEREFOR, PRODUCTION THEREOF, AND METHOD FOR THE TREATMENT OF WASTEWATERS BY MEANS OF SAID INSTALLATION AND/OR SAID FILTRATION MEMBRANES
• DISPOSITIF DE TRAITEMENT PAR ELECTROLYSE ET OXYDATION D'EAUX USEES, MEMBRANES DE FILTRATION CONDUCTRICES UTILISEES A CET EFFET, LEUR PRODUCTION ET PROCEDE DE TRAITEMENT DES EAUX USEES A L'AIDE DE CETTE INSTALLATION ET/OU DE CES MEMBRANES DE FILTRATION
- (71) **BERGISCHE UNIVERSITÄT WUPPERTAL** [DE/DE]; Gaussstrasse 20, 42097 Wuppertal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARZINKOWSKI, Joachim** [DE/DE]; Grimlinghauser Str. 36, 40221 Düsseldorf (DE). **GÄB, Siegmär** [DE/DE]; Gustav-Cords-Str. 23B, 50733 Köln (DE).
- (74) **SIECKMANN, Ralf**; Cohausz Dawidowicz Hannig & Partner, 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 DE DK DM 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).
- MC NL PL PT 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 C02F 1/461, 1/68
(11) WO 2004/096716 (13) A1
(21) PCT/JP2003/005533
(22) 30 Apr/avr 2003 (30.04.2003)
(25) ja (26) ja
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • MINERAL WATER GENERATOR
• GENERATEUR D'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 1/469, 1/42, 1/52, 1/46, 1/72, 1/66
(11) WO 2004/096717 (13) A2
(21) PCT/JP2004/006167
(22) 28 Apr/avr 2004 (28.04.2004)
(25) en (26) en
(30) 2003-125889 30 Apr/avr 2003 JP (30.04.2003)
(30) 2003-165798 10 Jun/juin 2003 JP (10.06.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD AND APPARATUS FOR TREATING WASTE WATER
• PROCEDE ET APPAREIL POUR LE TRAITEMENT DES EAUX USEES
- (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) **NAKAGAWA, Sota** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **AKAHORI, Masaji** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **KASHIWAGI, Makoto** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **MAISHIGI, Keiji** [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C02F 3/12, 1/50, 1/44
(11) WO 2004/096718 (13) A1
(21) PCT/JP2003/005651
(22) 2 May/mai 2003 (02.05.2003)
(25) ja (26) ja
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • PURIFICATION SYSTEM
• SYSTEME D'EPURATION
- (71) **DAIEI CORPORATION** [JP/JP]; 279, Sotonotani, Unoyachioaza, Toyohashi-City, Aichi 441-3104 (JP). **YAMAE CORPORATION** [JP/JP]; 4457-2, Ookubocho, Hamamatsu-City, Shizuoka 432-8006 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORITA, Michio** [JP/JP]; c/o DAIEI CORPORATION, 279, Sotonotani, Unoyachioaza, Toyohashi-City, Aichi 441-3104 (JP). **YAMAGUCHI, Yukio** [JP/JP]; c/o YAMAE CORPORATION, 4457-2, Ookubocho, Hamamatsu-City, Shizuoka 432-8006 (JP).
- (74) **KANEKO, Naohisa**; Fuji-Bldg. 3rd Floor, 49, Kayamachi, Toyohashi-City, Aichi 440-0896 (JP).
- (81) AE AG AL 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 C02F 3/28
(11) WO 2004/096719 (13) A1
(21) PCT/EP2004/003353
(22) 30 Mar/mar 2004 (30.03.2004)
(25) de (26) de
(30) 103 18 736.7 25 Apr/avr 2003 DE (25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD FOR PURIFYING COKE WASTE WATER USING A GAS-PERMEABLE MEMBRANE

- PROCEDE POUR L'EPURATION D'EAUX USEES DE COKERIE A L'AIDE D'UNE MEMBRANE PERMEABLE AUX GAZ

(71) **THYSSENKRUPP ENCOKE GMBH** [DE/DE]; Christstrasse 9, 44789 Bochum (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THIELERT, Holger** [DE/DE]; Westertwiststrasse 38, 44379 Dortmund (DE).

(74) **ALBRECHT, Rainer**; Andrejewski, Honke & Sozien, Theaterplatz 3, 45127 Essen (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 C02F 3/28

(11) **WO 2004/096720** (13) A1

(21) PCT/JP2004/004403

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-094373 31 Mar/mar 2003 JP (31.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR METHANE FERMENTATION TREATMENT OF WASTEWATER CONTAINING SULFUR COMPOUND

- PROCEDE ET SYSTEME DE TRAITEMENT DE FERMENTATION DE METHANE D'EAUX USEES CONTENANT UN COMPOSE DE SOUFRE

(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) **KAMACHI, Kazumasa** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144851 (JP). **HONMA, Yasuhiro** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144851 (JP). **TANAKA, Toshihiro** [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144851 (JP). **TSUKAMOTO, Toshio**, [JP/JP]; c/o EBARA CORPORATION, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144851 (JP).

(74) **MIYAGAWA, Teiji** et al. / etc.; 6th Floor, Fuji Bldg., 19, Aizumi-cho, Shinjuku-ku, Tokyo 1600005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C03B 33/033, B28D 5/00, B23K 26/38

(11) **WO 2004/096721** (13) A1

(21) PCT/JP2004/006103

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-124501 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BRITTLE BOARD DIVIDING SYSTEM AND BRITTLE BOARD DIVIDING METHOD

- SYSTEME ET PROCEDE DE SEPARATION DE PLAQUETTES FRAGILES

(71) **MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD.** [JP/JP]; 2-12-12 Minami-Kaneden, Suita-city, Osaka, 5640044 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTODA, Kenji** [JP/JP]; c/o MITUBOSHI DIAMOND INDUSTRIAL CO., LTD., 2-12-12 Minami-Kaneden, Suita-city, Osaka, 5640044 (JP). **INOUE, Shuichi** [JP/JP]; c/o MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., 2-12-12 Minami-Kaneden, Suita-city, Osaka, 5640044 (JP).

(74) **YAMAMOTO, Shusaku** et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 C03C

(11) **WO 2004/096722** (13) A2

(21) PCT/US2004/010716

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/423,058 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEAT TREATABLE COATED ARTICLE WITH NIOBIUM ZIRCONIUM INCLUSIVE IR REFLECTING LAYER AND METHOD OF MAKING SAME

- ARTICLE ENROBE POUVANT ETRE TRAITE THERMIQUEMENT POURVU D'UNE COUCHE REFLECHISSANTE A L'INFRAROUGE COMPRENANT UN ZIRCONIUM DE NIOBIUM ET PROCEDE DE FABRICATION DE CET ARTICLE

(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 Glede Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/095, 3/089, 1/00, 23/00, 3/06

(11) **WO 2004/096723** (13) A1

(21) PCT/EP2004/004096

(22) 17 Apr/avr 2004 (17.04.2004)

(25) en (26) en

(30) 103 19 596.3 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-COMPONENT GLASS

- VERRE A COMPOSANTS MULTIPLES

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSWALD, Monika** [DE/DE]; Burgallee 6c, 63454 Hanau (DE). **DELLER, Klaus** [DE/DE]; Friedhofstrasse 47, 63512 Hainburg (DE). **CLASEN, Rolf** [DE/DE]; Beethovenstrasse 45, 66125 Saarbrücken (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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ C03C 21/00, 23/00

(11) WO 2004/096724 (13) A1

(21) PCT/EP2004/004642

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 708.7 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ALKALINE GLASSES WITH MODI-
FIED SURFACES AND METHOD FOR
PRODUCING SAME

• VERRES ALCALINS AUX SURFACES
MODIFIÉES ET LEUR PROCÉDE DE
PRODUCTION

(71, 72) HESSENKEMPER, Heiko [DE/DE];
Am Hasenborn 22, 09603 Grossschirma
(DE). LANDERMANN-HESSENKEM-
PER, Heide [DE/DE]; Am Hasenborn 22,
09603 Grossschirma (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 NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C04B

(11) WO 2004/096725 (13) A2

(21) PCT/US2004/012986

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,959 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SINGLE-WALLED CARBON NAN-
OTUBE-CERAMIC COMPOSITES AND
METHODS OF USE

• COMPOSITES EN CERAMIQUE
A NANOTUBES DE CARBONE A
PAROI UNIQUE, ET PROCÉDES
D'UTILISATION

(71) BALZANO, Leandro [AR/US]; 401 12th
Avenue SE, #171, Norman, OK 73071 (US).
RESASCO, Daniel, E. [US/US]; 722 Willow
Lane, Norman, Ok Oklahoma 73072 (US).

(74) DUNLAP, CODDING & ROGERS, P.C.;
Attn: Corbett, Christopher, W., P.O. Box
16370, Oklahoma City, OK 73113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 16/08

(11) WO 2004/096726 (13) A1

(21) PCT/US2004/009287

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/423,015 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIRE DOOR CORE

• AME DE PORTE COUPE-FEU

(71) G-P GYPSUM CORPORATION [US/US];
133 Peachtree Street, N.E., Atlanta, GA
30303 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FRANCIS, Hubert, C. [US/US]; 4394
Riverview Lane, Lithonia, GA 30038 (US).

(74) SKERPON, Joseph, M.; Banner & Witcoff,
Ltd., 1001 G Street, N.W., 11th Floor, Wash-
ington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C04B 28/02, 18/04

(11) WO 2004/096727 (13) A2

(21) PCT/GB2004/001811

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309861.3 29 Apr/avr 2003 GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CEMENTITIOUS MATERIAL

• MATERIAU CIMENTAIRE

(71, 72) HUNT, Gary [GB/GB]; 9 Heol-y-Parc,
Evanstown, Giffach Goch, Porth CF39 8RH
(GB).

(74) CAWDELL, Karen, Teresa; Urquhart-
Dykes & Lord, Three Trinity Court, 21-27
Newport Road, Cardiff CF24 0AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C04B 35/00

(11) WO 2004/096728 (13) A1

(21) PCT/EP2004/050445

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 19 308.1 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MODELING THE
PACKING DENSITY OF FILLERS,
WHICH CONSIST OF GRANULAR
PARTICLES, IN POLYMER MATERI-
ALS

• PROCÉDE POUR MODELISER LA
DENSITE DE TASSEMENT DE
CHARGES COMPOSEES DE PAR-
TICULES EN GRAINS DANS DES
MATERIAUX POLYMERES

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ÜBLER, Wolfgang [DE/DE]; Leder-
ergasse 4, 92224 Amberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C04B 35/00

(11) WO 2004/096729 (13) A2

(21) PCT/US2004/012740

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,258 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVED POROUS MULLITE BOD-
IES AND METHODS OF FORMING
THEM• CORPS AMELIORES DE MULLITE
POREUSE ET PROCEDES DE FORMA-
TION DE CES DERNIERS(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) SAHA, Chandan [KR/US]; 7206 Sun-
crest, West Bloomfield, MI 48322 (US).
ALLEN, Sharon [US/US]; 1383 East Pine
River Road, Midland, MI 48640 (US). HAN,
Chan [KR/US]; 506 Scenic Drive, Midland,
MI 48642 (US). NILSSON, Robert, T.
[US/US]; 735 Wilderness Drive, Midland,
MI 48640 (US). PRUNIER, Arthur, R.,
Jr. [US/US]; 711 Linwood Drive, Midland,
MI 48640 (US). PYZIK, Aleksander, J.
[US/US]; 3012 Scarborough Lane, Mid-
land, MI 48640 (US). WALLIN, Sten, A.
[US/US]; 1917 Plymouth, Midland, MI
48642 (US). ZIEBARTH, Robin [US/US];
5902 Wildflower Circle, Midland, MI 48642
(US). GALLAGHER, Timothy, J. [US/US];
3109 Beech Street, Midland, MI 48642 (US).(74) DAMOCLES, Nemia et al. / etc.; The
Dow Chemical Company, Intellectual Prop-
erty Section, P.O. Box 1967, Midland, MI
48674-1967 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C04B 35/468, H01G 4/12, H01B 3/12

(11) WO 2004/096730 (13) A2

(21) PCT/US2004/011727

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/425,161 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CERAMIC COMPOSITION AND
METHOD• COMPOSITION CERAMIQUE ET PRO-
CEDE ASSOCIE(71) CTS CORPORATION [US/US]; 905 West
Boulevard North, Elkhart, IN 46514 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72) JACQUIN, Jeffrey; 4235 Riding Circle
Road NW, Albuquerque, NM 87114 (US).
ROSE, Randy; 1790 Celina Road SE, Rio
Rancho, NM 87124 (US).(74) WESEMAN, Steven; CTS Corporation, 171
Covington Drive, Bloomingdale, IL 60108
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BW BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA
(AM AZ BY KG KZ MD RU TJ TM) EP (AT BE
BG CH CY CZ DE DK EE ES FI FR GB GR HU
IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF
BJ CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG); (s) for the following designations /
pour les designations suivantes : AE AG AL AM
AT AU AZ BA BB BG BR BW BY BZ CA CH CN
CO CR CU CZ DE DK DM DZ EC EE EG ES FI
GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NA NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
AP (BW GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PL PT RO SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
designations*(51)⁷ C04B 35/634, B22C 1/22

(11) WO 2004/096731 (13) A2

(21) PCT/US2004/012259

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/423,612 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • URETHANE BINDER COMPOSITIONS
FOR FOUNDRY APPLICATIONS• COMPOSITIONS DE LIANTS A BASE
D'URETHANNE POUR DES APPLICA-
TIONS DE FONDERIE(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) MARTH, Charles, F. [US/US]; 347
Balsam Drive, Waynesville, NC 28786 (US).
GREEN, George, David [US/US]; 2421
Grove Lane, Cary, IL 60013 (US). SWEDO,
Raymond, J. [US/US]; 924-A Boxwood
Drive, Mount Prospect, IL 60056 (US).(74) DRAKE, James, J.; The Dow Chemical
Company, Intellectual Property Section, P.O.
Box 1967, Midland, MI 48674-1967 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C04B 41/86, E04F 13/14

(11) WO 2004/096732 (13) A1

(21) PCT/KR2003/000895

(22) 6 May/mai 2003 (06.05.2003)

(25) ko (26) en

(30) 10-2003-0026734 28 Apr/avr 2003 KR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LUMINOUS TILE AND PREPARING
METHOD THEREOF• CARREAU LUMINEUX ET PROCEDE
DE FABRICATION ASSOCIE(71) SEOUL CERAMICS CO., LTD. [KR/KR];
500 Zwagon-ri, Jinyoung-eub, Gimhae-shi,
Gyeongsangnam-do 623-800 (KR).(72) LEE, Yong Jae; #208-501 Hyundai Apt.,
654 Gaepo-dong, Gangnam-gu, Seoul
135-808 (KR).(74) HWANG, Eui In; 10th Floor, Hankook Tire
Bldg., 647-15 Yoksam-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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 41/86

(11) WO 2004/096733 (13) A1

(21) PCT/US2003/028152

(22) 9 Sep/sep 2003 (09.09.2003)

(25) en (26) en

(30) 60/458,505 26 Mar/mar 2003 US
(26.03.2003)

- (30) 60/467,013 **1 May/mai 2003** US
(01.05.2003)
- (30) 60/478,876 **16 Jun/juin 2003** US
(16.06.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SILICON CARBIDE CERAMIC COMPOUNDS HAVING OXIDE LAYER
• COMPOSANTS DE CERAMIQUE A CARBURE DE SILICIUM COMPRENANT UNE COUCHE D'OXYDE
- (71) SAINT-GOBAIN CERAMICS AND PLASTICS, INC. [US/US]; 1 New Bond Street, Worcester, MA 01615 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRYDEN, Raymond, H. [US/US]; 755 Wachusett Street, Holden, MA 01520 (US).
- (74) CROSBY, Mike, W. et al. / etc.; Saint-Gobain Corporation, 1 New Bond Street, Worcester, MA 01615-0138 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 C05G
- (11) WO 2004/096734 (13) A2
- (21) PCT/KR2004/001035
- (22) 3 May/mai 2004 (03.05.2004)
- (25) en (26) en
- (30) 10-2003-0028355 **2 May/mai 2003** KR
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PUZZLE TYPE DRAIN PLATE AND METHOD FOR QUICKLY CONSTRUCTING LAWN GROUND USING THE SAME
• PLAQUE DE DRAINAGE DE TYPE PUZZLE ET PROCEDE PERMETTANT DE CONSTRUIRE RAPIDEMENT UN SOL ENGAZONNE AU MOYEN DE LADITE PLAQUE DE DRAINAGE
- (71, 72) GWON, Sun il [KR/KR]; 202ho 4-130, gongdeok-dong, mapo-gu, Seoul 121-020 (KR).
- (74) CHO, Sang Kyun; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07B
- (11) WO 2004/096735 (13) A2
- (21) PCT/CA2004/000655
- (22) 3 May/mai 2004 (03.05.2004)
- (25) en (26) en
- (30) 60/467,137 **2 May/mai 2003** US
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TRANSFER HYDROGENATION PROCESSES AND CATALYSTS
• PROCEDES D'HYDROGENATION PAR TRANSFERT ET CATALYSEURS CORRESPONDANTS
- (71, 72) ABDUR-RASHID, Kamaluddin [CA/CA]; 3816 Morning Star Drive, Mississauga, Ontario L4T 1Y9 (CA).
- (74) BERESKIN & PARR; 40 King Street West, Suite 4000, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096736 (13) A2
- (21) PCT/IB2004/001275
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 10/428,348 **2 May/mai 2003** US
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PREPARATION OF ORGANOPHYLLOSILICATE NANOCOMPOSITE COMPOSITIONS
• PREPARATION DE COMPOSITIONS DE NANOCOMPOSITES D'ORGANOPHYLLOSILICATE
- (71) THE UNIVERSITY OF CHICAGO [US/US]; 5801 South Ellis Avenue, Chicago, IL 60637 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAIKO, David, J. [US/US]; 1503 Connan Doyle Road, Naperville, IL 60564 (US).
NIYOGI, Suhas, G. [US/US]; 7960 Burr Ridge Court, Woodridge, IL 60517 (US).
- (74) STEVENSON, Tyler, A.; c/o Ciba Specialty Chemicals Holding Inc., Patent Department, Klybeckstrasse 41, CH-4057 Basel (CH).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096737 (13) A2
- (21) PCT/US2004/013029
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 10/424,982 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FLUOROBUTENE DERIVATIVES AND PROCESS FOR PRODUCING SAME
• DERIVES DE FLUOROBUTENE ET PROCESSUS DE PRODUCTION DE CEUX-CI
- (71) CENTRAL GLASS COMPANY, LIMITED [JP/JP]; 5253 Oaza Okiube, Ube-shi, Yamaguchi 755-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALTJ, Adam, C. [US/US]; c/o SynQuest Laboratories, Inc., P.O. Box 309, Alachua, FL 31616-0309 (US).
DU BOIS, Richard, A. [US/US]; c/o SynQuest Laboratories, Inc., P.O. Box 309, Alachua, FL 32616-0309 (US).
- (74) EVANS, J., D.; Crowell & Moring LLP, Intellectual Property Group, P.O. Box 14300, Washington, District of Columbia 20044-4300 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 2/00
- (11) WO 2004/096738 (13) A2
- (21) PCT/US2004/012461
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 10/422,464 **24 Apr/avr 2003** US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • IMPROVED ALKYLATION PROCESS
• PROCEDE D'ALKYLATION AMELIO-
REE

(71) ABB LUMMUS GLOBAL INC. [US/US];
1515 Broad Street, Bloomfield, NJ 07003
(US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72) YEH, Chuen, Y.; 15 Stratford Circle, Edi-
son, NJ 08820 (US). GAO, Xingtao; 17
Ventnor Drive, Edison, NJ 08820 (US).
ANGEVINE, Philip, J.; 713 Maegus Drive,
Woodbury, NJ 08096 (US).

(74) CALDERONE, Adrian, T. et al. / etc.; Dil-
worth & Barrese, LLP, 333 Earle Ovington
Boulevard, Uniondale, NY 11553 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C 2/12

(11) WO 2004/096739 (13) A1

(21) PCT/US2004/007593

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/425,430 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • OLIGOMERIZATION PROCESS
• PROCEDE D'OLIGOMERISATION

(71) EXXONMOBIL CHEMICAL PATENTS
INC. [US/US]; 5200 Bayway Drive, Bay-
town, TX 77520-5200 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DAKKA, Jihad, Mohammed [IL/US];
606 Well Sweep Road, Whitehouse, NJ 08889
(US). GORIS, Hans, K.T. [BE/BE]; Makel-
straat 12, B-2431 Laakdal (BE). MATHYS,
Georges, M.K. [BE/BE]; Eikenboomlaan 66,
B-3360 Bierbeek (BE). BROWN, Stephen,
H. [US/BE]; 14 Avenue Albert Elizabeth,
B-1200 Brussels (BE). COOK, Bruce, R.
[US/US]; 1101 Monroe Drive, Stewartsville,
NJ 08886 (US).

(74) MORENO, Louis, N. et al. / etc.; ExxonMo-
bil Chemical Patents Inc., Law Technology,
P.O. Box 2149, Baytown, TX 77522.2149
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ C07C 29/00

(11) WO 2004/096740 (13) A2

(21) PCT/US2004/011509

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/465,046 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PROCESS FOR PREPARATION OF
(+)-P-MENTHA-2,8-DIENE-1-OL
• PROCEDE DE PREPARATION DE
(+)-P-MENTHA-2,8-DIENE-1-OL

(71) MALLINCKRODT INC. [US/US]; 675
McDonnell Boulevard, P.O. Box 5840, St.
Louis, MO 63134 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GU, Hong [US/US]; 11630 Chieftain
Drive, St. Louis, MO 63146 (US). KILL-
GORE, J., Kendall [US/US]; 7565 Wise Av-
enue, St. Louis, MO 63117 (US). DUCHEK,
John, R. [US/US]; 5793 Karamar Drive, St.
Louis, MO 63128 (US).

(74) BOONE, Jeffrey, S.; Mallinckrodt Inc., 675
McDonnell Boulevard, P.O. Box 5840, St.
Louis, MO 63134 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 41/01

(11) WO 2004/096741 (13) A2

(21) PCT/EP2004/004038

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 19 452.5 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • CONTINUOUS METHOD FOR PRO-
DUCING METHYL VINYL ETHER
• PROCEDE DE PRODUCTION EN
CONTINU D'ETHER METHYLVINY-
LIQUE

(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KLASS, Katrin [DE/DE]; C7,13, 68159
Mannheim (DE). BECKER, Heike [DE/DE];
Emil-Heckel-Str. 16, 68163 Mannheim (DE).
VOGELANG, Regina [DE/DE]; Gneise-
naustr. 8, 67061 Ludwigshafen (DE). HAUKE,
Alexander [DE/DE]; Schnabelbrunnengasse
26, 67071 Ludwigshafen (DE). SIEGERT,
Markus [DE/DE]; Blumenstrasse 16/1,
69115 Heidelberg (DE). HENKELMANN,
Jochem [DE/DE]; Bassermannstrasse 25,
68165 Mannheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056
Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C 43/23, 69/157, C07D 263/06, C07C
229/34, 271/22, C07D 239/30, C07C 251/44,
49/755, 50/38, 50/34, 69/145, A61P 35/00

(11) WO 2004/096742 (13) A1

(21) PCT/IN2003/000255

(22) 30 Jul/juil 2003 (30.07.2003)

(25) en (26) en

- (30) 10/426,026 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HYDROANTHRACENE BASED COMPOUNDS AS ANTICANCER AGENTS
• COMPOSES A BASE D'HYDROANTHRACENE UTILISES EN TANT QU'AGENTS ANTICANCEREUX
- (71) DABUR RESEARCH FOUNDATION [IN/IN]; 22 Site IV, Sahibabad, Ghaziabad 201 010, Uttar Pradesh (IN).
- (72) BANERJEE, Asish, Kumar; India Institute of Chemical Technology, 4 Raja S.C. Mullick Road, Kolkata (IN). SETHI, Giri, Venkatachalam; India Institute of Chemical Biology, 4 Raja S.C. Mullick Road, Kolkata (IN). MUKHERJEE, Rama; Dabur Research Foundation, 22 Site IV, Sahibabad, Ghaziabad 201 010, Uttar Pradesh (IN). KAPOOR, Kamal, K.; Dabur Research Foundation, 22 Site IV, Sahibabad, Ghaziabad 201 010, Uttar Pradesh (IN). DESIRAJU, Gautam; University of Hyderabad, Hyderabad, Andhra Pradesh (IN). JAGGI, Manu; Dabur Research Foundation, 22 Site IV, Sahibabad, Ghaziabad 201 010, Uttar Pradesh (IN). SINGH, Anu, T.; Dabur Research Foundation, 22 Site IV, Sahibabad, Ghaziabad 201 010, Uttar Pradesh (IN). DUTTA, Sankar, Kumar; Indian Institute of Chemical Technology, 4 Raja S.C. Mullick Road, Kolkata (IN). SAIRAM, Kalapatapu, V., M.; University of Hyderabad, Hyderabad, Andhra Pradesh (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, Patent & Trademark Attorneys, E-556, Greater Kailash-II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 43/275, 211/54, C09K 11/06, H05B 33/14
- (11) WO 2004/096743 (13) A1
- (21) PCT/JP2003/005417
- (22) 28 Apr/avr 2003 (28.04.2003)
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ORGANIC ELECTROLUMINESCENCE ELEMENT
• ELEMENT ELECTROLUMINESCENT ORGANIQUE
- (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) SOTOYAMA, Wataru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) DOI, Kenji 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 KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C07C 45/00
- (11) WO 2004/096744 (13) A2
- (21) PCT/US2004/012246
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/465,663 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ALDEHYDE AND ALCOHOL COMPOSITIONS DERIVED FROM SEED OILS
• COMPOSITIONS A BASE D'ALDEHYDE ET D'ALCOOL TIRÉS D'HUILES DE GRAINES
- (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) LYSENKO, Zenon [CA/US]; 214 West Meadowbrook Drive, Midland, MI 48640 (US). MORRISON, Donald, L. [US/US]; 2630 Willow Creek Drive, Fort Collins, CO 80527 (US). BABB, David, A. [US/US]; 313 Narcissus Street, Lake Jackson, TX 77566 (US). BUNNING, Donald, L. [US/US]; 925 Woodland Avenue, South Charleston, WV 25303 (US). DERSTINE, Christopher, W. [US/US]; 9 Windsong Acres, Winfield, WV 25213 (US). GILCHRIST, James, H. [US/US]; 376 Roxalana Hills Drive, Dunbar, WV 25064 (US). JOUETT, Ray, H. [US/US]; 15726 Spring Forest Drive, Houston, TX 77059 (US). KANEL, Jeffrey, S. [US/US]; 89 Gladewood Lane, Hurricane, WV 25526 (US). OLSON, Kurt, D. [US/US]; 5442 Longview Drive, Cross Lanes, WV 25313 (US). PENG, Wei-Jun [CN/US]; 126 Willowood Circle, Hurricane, WV 25526 (US). PHILLIPS, Joe, D. [US/US]; 108 Zinnia, Lake Jackson, TX 77566 (US). ROESCH, Brian, M. [US/US]; 106 Monterey Lane, Cross Lanes, WV 25313 (US). SANDERS, Aaron, W. [US/US]; 3503 Corbett Court, Missouri City, TX 77459 (US). SCHROCK, Alan, K. [US/US]; 204 River Oaks Drive, Lake Jackson, TX 77566 (US). THOMAS, P., J. [US/US]; 4310 Andre Street, Midland, MI 48642 (US).
- (74) ZUCKERMAN, Marie, F.; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, Michigan 48674-1967 (US).
- (81) AE AG 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
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 45/27, 49/395
- (11) WO 2004/096745 (13) A1
- (21) PCT/EP2004/004537
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) de (26) de
- (30) 103 19 489.4 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR PRODUCING CYCLOPENTANONE
• PROCÉDE POUR PRODUIRE DE LA CYCLOPENTANONE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TELES, Joaquim, H. [PT/DE]; Reierstrasse 29a, 67166 Otterstadt (DE). RÖSSLER, Beatrice [DE/DE]; Sonnenwendstrasse 58, 67098 Bad Dürkheim (DE).
- (74) ISENBRUCK, Günter; Isenbruck, Bösl, Hörschler, Wichmann, Huhn, Patentanwälte, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 C07C 45/82, C08G 2/34, 18/54, 65/26
- (11) WO 2004/096746 (13) A1
- (21) PCT/EP2004/004036
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) de (26) de
- (30) 103 19 242.5 **28 Apr/avr 2003** DE
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INITIAL COMPOUNDS FOR PRODUCING POLYURETHANES
• COMPOSES INITIAUX DESTINÉS A LA PRODUCTION DE POLYURETHANES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROER, Peter** [DE/DE]; Am Schellberg 16, 65812 Bad Soden (DE). **HENDREICH, Regina** [DE/DE]; Hauptstr. 102, 01945 Frauendorf (DE). **KIERKUS, Paul, Ch.** [CA/US]; 5710 Arrington Park Drive, Apt.1301, 01987 Morrisville, NC 27560 (US). **OSTROWSKI, Thomas** [DE/DE]; Neckarpromenade 9/688, 68167 Mannheim (DE). **STROEFER, Eckhard** [DE/DE]; Karl-Kuntz-Weg 9, 68163 Mannheim (DE). **THIELE, Kai** [DE/DE]; Elsterstr. 6, 01987 Schwarzheide (DE). **SCHNORPFEIL, Christoph** [DE/DE]; Rehefelder Str.18, 01127 Dresden (DE). **DEXHEIMER, Edward, Michael** [US/US]; 26270 East River Road, Grosse Ile, MI 48138 (US).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 51/43, 57/30

(11) WO 2004/096747 (13) A1

(21) PCT/EP2004/004047

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/466,123 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR THE SEPARATION OF PALLADIUM CATALYST FROM CRUDE REACTION MIXTURES OF ARYL ACETIC ACIDS OBTAINED BY CARBONYLATION

• PROCEDE POUR SEPARER UN CATALYSEUR PALLADIUM DE MELANGES REACTIONNELS BRUTS D'ACIDES ACETIQUES ARYLE OBTENUS PAR CARBONYLATION

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAVA, Xavier** [FR/DE]; N3, 3, 68161 Mannheim (DE). **RÖPER, Michael** [DE/DE]; Pegauer Str. 10, 67157 Wachenheim (DE). **ORGILL, Colin** [GB/US]; 6217 Denain, Corpus Christi, TX 78414 (US). **COOPER, John** [GB/US]; 253 Cape Cod, Corpus Christi, TX 78412 (US).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 69/587, 69/52, 67/54

(11) WO 2004/096748 (13) A1

(21) PCT/KR2004/000511

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10-2003-0026515 25 Apr/avr 2003 KR (25.04.2003)

(30) 10-2004-0015668 9 Mar/mar 2004 KR (09.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PREPARATION METHOD OF CONJUGATED LINOLEIC ACID DIGLYCERIDES

• PROCEDE DE PREPARATION DE DIGLYCERIDES D'ACIDE LINOLEIQUE CONJUGUE

(71) **ILSHINWELLS CO., LTD.** [KR/KR]; 6-2 Jeosan-Ri, Kangnae-Myun, Cheongwon-Kun, Chung Buk 363-890 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOON, Dong-Hun** [KR/KR]; 395-165, Seogyo-dong Mapo-gu, Seoul 121-840 (KR). **HAN, Gi-Wang** [KR/KR]; Kumho Apt. 108-1803, Cheongcheon 2-dong Bupyeong-gu, Incheon 403-765 (KR). **HONG, Soon-Gi** [KR/KR]; Jugong 2-cha 201-2008, Gagyong-dong Heungdeok-gu, Cheongju-si 361-260 (KR). **LEE, Young-Ho** [KR/KR]; Jugong 6-cha Apt. 614-303, Bupyeong-dong Heungdeok-gu, Cheongju-si 361-771 (KR).

(74) **LEE, Bong-Jin**; 414, Seongji Heights 3-cha Bldg., Yeoksam 1-dong Gangnam-gu, Seoul 135-717 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 69/704, C11D 1/08, 1/66, A61K 7/48

(11) WO 2004/096749 (13) A1

(21) PCT/EP2004/004209

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 19 401.0 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CITRIC ACID ESTER

• ESTERS D'ACIDE CITRIQUE

(71) **COGNIS DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHLER, Ansgar** [DE/DE]; Siegfriedstrasse 80, 46240 Bottrop (DE). **SEIPEL, Werner** [DE/DE]; Hofstrasse 29, 40723 Hilden (DE). **BOYXEN, Norbert** [DE/DE]; Margeritenstr. 87, 47906 Kempen (DE). **PRINZ, Daniela** [DE/DE]; Kiefernstrasse 7, 41542 Dormagen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 201/08, 205/59

(11) WO 2004/096750 (13) A1

(21) PCT/JP2004/006055

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-127030 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PRODUCING 3-NITRO-4-ALKOXYBENZOIC ACID

• PROCEDE DE PRODUCTION D'UN ACIDE 3-NITRO-4-ALCOXYBENZOIQUE

(71) **KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO** [JP/JP]; 4-8, Koraibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UENO, Ryuzo** [JP/JP]; 10-27, Nango-cho, Nishinomiya-shi, Hyogo 662-0038 (JP). **KITAYAMA, Masaya** [JP/JP]; 3-11-14, Yamamotohigashi, Takarazuka-shi, Hyogo 665-0881 (JP). **WAKAMORI, Hiroyuki** [JP/JP]; 50, Kitaoda, Sannan-cho, Hikami-gun, Hyogo 669-3105 (JP).

(74) **KAWAMIYA, Osamu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C07C 217/62, A61K 31/135, A61P 13/06

(11) WO 2004/096751 (13) A1

(21) PCT/IB2004/001333

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/465,372 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HALOGEN SUBSTITUTED 3,3-
DIPHENYLPROPYLAMINES
(TOLTERODINE) HAVING ANTIMUS-
CARINIC ACTIVITY
• 3,3-DIPHENYLPROPYLAMINES
(TOLTERODINE) A SUBSTITUTION
HALOGENE AYANT UNE ACTIVITE
ANTIMUSCARINIQUE

(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) GRABIAK, Raymond, Charles
[US/US]; UK Patent Department, Pfizer
Global Research and Development, Rams-
gate Raod, Sandwich, Kent CT13 9NJ (GB).
KAUFMAN, Robert, John [US/US]; UK
Patent Department, Pfizer Global Research
and Development, Ramsgate Raod, Sand-
wich, Kent CT13 9NJ (GB). SLATTER,
Johm Gregory [US/US]; UK Patent Depart-
ment, Pfizer Global Research and Develop-
ment, Ramsgate Raod, Sandwich, Kent CT13
9NJ (GB).

(74) LUMB, J., Trevor; c/o Wood, David, J.,
Pfizer Limited, Ramsgate Road, Sandwich,
Kent CT13 9 NJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 217/64, C07F 9/09, A61K 31/137,
31/661, A61P 37/02

(11) WO 2004/096752 (13) A1

(21) PCT/EP2004/004569

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309944.7 30 Apr/avr 2003 GB
(30.04.2003)

(30) 0329505.2 19 Dec/déc 2003 GB
(19.12.2003)

(30) 0329500.3 19 Dec/déc 2003 GB
(19.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AMINO-PROPANOL DERIVATIVES
AS SPHINGOSINE-1-PHOSPHATE RE-
CEPTOR MODULATOR

• DERIVES D'AMINO-PROPANOL
COMME MODULATEURS DE RE-
CEPTEUR DE SPHINGOSINE-1-PHOS-
PHATE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).

*(for all designated States except / pour tous
les États désignés sauf AT US)*

(71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) HINTERDING, Klaus [DE/DE]; Am
Oelbachgraben 6, 79599 Wittlingen (DE).
SPANKA, Carsten [DE/DE]; Rheintal-
strasse 27, 79618 Rheinfelden (DE). ZECRI,
Frédéric [FR/FR]; 13A Rue de la Liberté,
F-68510 Uffheim (FR).

(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).

Published / Publiée : (c)

(51)⁷ C07C 227/10, 229/40, C07F 9/40, C07B
53/00, C07D 211/86, B01J 31/02

(11) WO 2004/096753 (13) A1

(21) PCT/JP2004/005602

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-121706 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ASYMMETRIC-SYNTHESIS CATA-
LYST BASED ON CHIRAL BRNSTED
ACID AND METHOD OF ASYMMET-
RIC SYNTHESIS WITH THE CATA-
LYST

• CATALYSEUR DE SYNTHÈSE ASY-
MÉTRIQUE A BASE D'ACIDE DE
BRNSTED CHIRAL ET PROCÉDE DE
SYNTHÈSE ASYMÉTRIQUE AVEC CE
CATALYSEUR

(71) TOAGOSEI CO., LTD. [JP/JP]; 1-14-1,
Nishi-shimbashi, Minato-ku, Tokyo
105-8419 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) AKIYAMA, Takahiko [JP/JP]; 5-24-19,
Minami-oizumi, Nerima-ku, Tokyo 178-0064
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 233/47, C09K 3/00

(11) WO 2004/096754 (13) A1

(21) PCT/JP2003/005453

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TWO-HEADED BASIC AMINO ACID
DERIVATIVE
• DÉRIVÉ D'ACIDE AMINÉ À DEUX
TÊTES

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1,
Kyobashi 1-chome, Chuo-ku, Tokyo
104-8315 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HANABUSA, Kenji [JP/JP]; 1918-16,
Kosato, Ueda-shi, Nagano 386-0005 (JP).
SUZUKI, Masahiro [JP/JP]; 2-16-20, Fumi-
iri, Ueda-shi, Nagano 386-0017 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C07C 251/24, C07D 213/28, 215/40,
239/26, 295/12, 307/58, 317/48, 319/18,
333/20, 333/58, 471/04 // C07F 15/00

(11) WO 2004/096755 (13) A1

(21) PCT/JP2004/005940

(22) 23 Apr/avr 2004 (23.04.2004)

- (25) ja (26) ja
- (30) 2003-124840 **30 Apr/avr 2003** JP
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PLATINUM COMPLEX
• COMPLEXE DE PLATINE
- (71) TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 37-1, Kamata 5-chome, Ohta-ku, Tokyo 1448721 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAYAMA, Yuji [JP/JP]; c/o Central Research Laboratory of Takasago International Corporation 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP). IWATA, Takeshi [JP/JP]; c/o Central Research Laboratory of Takasago International Corporation 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP). MATSUSHIMA, Yoshimasa [JP/JP]; c/o Central Research Laboratory of Takasago International Corporation 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP). HORI, Yoji [JP/JP]; c/o Central Research Laboratory of Takasago International Corporation 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP).
- (74) KANAO, Hiroki et al. / etc.; Mutsumi International Patent Bureau Chiyoda Office, Bandai Bldg., 2nd Floor 10-14, Kandaawaji-cho 2-chome, Chiyoda-ku, Tokyo 101-0063 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 255/24, C11D 3/395
- (11) WO 2004/096756 (13) A1
- (21) PCT/EP2004/004426
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) de (26) de
- (30) 103 20 796.1 **2 May/mai 2003** DE
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR PRODUCING GRANULATED AMMONIUM NITRILE
• PROCEDE DE PRODUCTION DE NITRILES D'AMMONIUM SOUS FORME DE GRANULES
- (71) CLARIANT GMBH [DE/DE]; Brün-
ingstrasse 50, 65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BORCHERS, Georg [DE/DE]; Less-
ingstrasse 6a, 61231 Bad Nauheim (DE).
SCHOTTSTEDT, Andreas [DE/DE];
Schmelzweg 17, 65719 Hofheim (DE).

- (74) PACZKOWSKI, Marcus; Clariant Ser-
vice GmbH, Patente, Marken, Lizenzen, Am
Unisys-Park 1, 65843 Sulzbach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 271/64, C07F 9/09, C07D 263/56,
317/46, 333/12, 307/87, A61K 31/137,
31/661, 31/432, 31/381, 31/343, A61P 37/02
- (11) WO 2004/096757 (13) A1
- (21) PCT/EP2004/004572
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 0309946.2 **30 Apr/avr 2003** GB
(30.04.2003)
- (30) 0329501.1 **19 Dec/déc 2003** GB
(19.12.2003)
- (30) 0329494.9 **19 Dec/déc 2003** GB
(19.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AMINOPROPANOL DERIVATIVES AS
SPHINGOSINE-1-PHOSPHATE RE-
CEPTOR MODULATORS
• DERIVES D'AMINO-PROPANOL
COMME MODULATEURS DE RE-
CEPTEUR DE SPHINGOSINE-1-PHOS-
PHATE
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).
(for all designated States except / pour tous
les États désignés sauf AT US)
- (71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) ALBERT, Rainer [AT/CH]; Warten-
bergstrasse 21, CH-4052 Basel (CH).
EHRHARDT, Claus [DE/DE]; Gross-
mannstrasse 17, 79541 Lörrach (DE).
ETTMAYER, Peter [AT/AT]; Schillerprom-
enade 7/13, A-1230 Wien (AT). HINTER-
DING, Klaus [DE/DE]; Am Oelbachgraben
6, 79599 Wittlingen (DE). HÖGENAUER,
Klemens [AT/AT]; Firmiangasse 29/1,
A-1130 Wien (AT). NUSSBAUMER, Pe-
ter [AT/AT]; Kaiserin Elisabeth-Strasse 5/9,
A-2344 Maria Enzersdorf (AT).
- (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).
- Published / Publiée : (c)
-
- (51)⁷ C07C 273/02, 275/02
- (11) WO 2004/096758 (13) A1
- (21) PCT/NL2004/000235
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 1023303 **29 Apr/avr 2003** NL
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROCESS FOR THE PREPARATION
OF A UREA AND FORMALDE-
HYDE-CONTAINING AQUEOUS
SOLUTION
• PROCEDE DE PREPARATION D'UNE
SOLUTION AQUEUSE A BASE
D'UREE ET DE FORMALDEHYDE
- (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) VERSCHOOR, Hendrinus, Marinus
[NL/NL]; Grubbenweg 26, 6343 CC Klim-
men (NL).
- (74) I. Scheltus; 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07C 303/22, 309/80
- (11) WO 2004/096759 (13) A1
- (21) PCT/JP2004/005905
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003112421 **25 Apr/avr 2003** RU
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR PRODUCING PERFLU-
OROALKANESULFONYL FLUORIDE
• PROCÉDÉ DE PRODUCTION DE
FLUORURE DE PERFLUOROALKA-
NESULFONYLE
- (71) SHOWA DENKO K.K. [JP/JP]; 13-9,
Shiba Daimon 1-chome, Minato-ku, Tokyo,
1058518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEORGIEVICH, Barabanov, Valerij** [RU/RU]; kv.409, ul. Dimitrova 4, St. Peterusburg, 192239 (RU). **VASILJEVNA, Bourutskaya, Galina** [RU/RU]; kv.54, d.215, Ligorvskij pr., St. Peterusburg, 192007 (RU). **ALEKSEEVNA, Bisen, Tatjana** [RU/RU]; kv.29, d.29/10, Novoherkasskij pr., St. Peterusburg, 195112 (RU). **IVANOVNA, Kaurova, Galina** [RU/RU]; kv.18, d.14, ul.Matjushenko, St. Peterusburg, 193171 (RU). **ALEKSEEVICH, Iljin, Nikolaj** [RU/RU]; kv.229, d.22, ul.Lipatova, g.Perm, 614113 (RU). **FEDROVICH, Denisenkov, Uladimir** [RU/RU]; kv.16, d.89a, ul.Marshala Rybalka, g.Perm, 614032 (RU). **DMITRIEVICH, Moldavsky, Dmitrij** [RU/RU]; kv.22, d.14, ul.Mosadskaya, St. Peterusburg, 194046 (RU). **MIKHAJLOVNA, Nurgaliev, Svetlana** [RU/RU]; kv.6, d.34a, ul.Marshala Rybalka, g.Perm, 614113 (RU). **VASILJEVNA, Shkuljteskaya, Larisa** [RU/RU]; kv.65, d.19, ul.Nalichnaya, St. Peterusburg, 199406 (RU). **VASILJEVNA, FEDOROVA, Tatjana** [RU/RU]; kv.72, d.76, pr.Lunacharskogo, St. Peterusburg, 194291 (RU). **GEORGIEVICH, Furin, Georgij** [RU/RU]; kv.102, d.8, ul.Tereshkovo, g.Novosibirsk, 630090 (RU).

(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 SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 319/08, B01J 23/30

(11) WO 2004/096760 (13) A1

(21) PCT/EP2004/004344

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 19 739.7 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATALYST FOR THE PRODUCTION OF METHYL MERCAPTAN FROM METHANOL AND HYDROGEN SULFIDE

• CATALYSEUR DESTINE A LA PRODUCTION DE METHYLMERCAPTAN A PARTIR DE METHANOL ET D'ACIDE SULFHYDRIQUE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAND, Alexandra** [DE/DE]; Auf der Hardt 43, 64291 Darmstadt (DE). **QUASCHNING, Veronika** [DE/DE]; Gontardstrasse 4, 68163 Mannheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 323/20, C07D 207/12, 207/16, 211/46, 211/60, A61K 31/198, A61P 25/18

(11) WO 2004/096761 (13) A1

(21) PCT/DK2004/000290

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) PA200300649 30 Apr/avr 2003 DK (30.04.2003)

(30) 60/466,755 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AROMATIC OXYPHENYL AND AROMATIC SYLFANYLPHENYL DERIVATIVES

• DERIVES D'OXYPHENYL AROMATIQUE ET DE SYLFANYLPHENYL AROMATIQUE

(71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Garrick, Paul** [GB/DK]; Æblehaven 10, DK-2500 Valby (DK). **MIKKELSEN, Gitte** [DK/DK]; Skovbovænget 143, DK-2750 Ballerup (DK). **ANDERSEN, Kim** [DK/US]; 744 Fernwood Ct, Ridgewood, NJ 07450 (US). **GREVE, Daniel, Rodriguez** [DK/DK]; Kornvænget 20, DK-3630 Stenløse (DK). **ESKILSEN, Jørgen** [DK/DK]; Sønder Boulevard 63, 1. Th, DK-1720 København 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 C07C 407/00

(11) WO 2004/096762 (13) A1

(21) PCT/US2004/012144

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/423,165 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STABILIZED ORGANIC PEROXIDE COMPOSITION AND PROCESS FOR MAKING THE SAME

• COMPOSITION A BASE DE PEROXYDE ORGANIQUE STABILISE, ET PROCEDE DE FABRICATION

(71) **CROMPTON CORPORATION** [US/US]; Benson Road, Middlebury, CT 06749 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOCK, Lawrence, A.** [US/US]; 1310 Tiffany Lane, Longview, TX 75604 (US). **DIFFIE, Jeff** [US/US]; 23481 Highway 49W., Jefferson, TX 75605 (US). **FRENKEL, Peter** [US/US]; 2102 Eaton Court, Danbury, CT 06811 (US).

(74) **DILWORTH, Michael, P.**; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 205/04, 409/12, 413/12, A61K 31/397, A61P 3/04

(11) WO 2004/096763 (13) A1

(21) PCT/GB2004/001831

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310056.7 1 May/mai 2003 GB (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AZETIDINECARBOXAMIDE DERIVATIVES AND THEIR USE IN THE TREATMENT OF CB1 RECEPTOR MEDIATED DISORDERS

• DERIVES D'AZETIDINECARBOXAMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES MEDIES PAR LES RECEPTEUR CB1

(71) **VERNALIS RESEARCH LIMITED** [GB/GB]; Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIDSON, James, Edward, Paul** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **DAWSON, Claire, Elizabeth** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **HARRISON, Kerry** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **MANSELL, Howard, Langham** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **PRATT, Robert, Mark** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **SOHAL, Suhjit** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **RUSTON, Victoria, Jane** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).

(74) **WALLS, Alan, James**; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 207/26, C07C 201/12

(11) **WO 2004/096764** (13) A1

(21) PCT/US2004/012128

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/465,718 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREPARING A RING COMPOUND HAVING TWO ADJACENT CHIRAL CENTERS

• PROCEDE DE PREPARATION D'UN COMPOSE CYCLIQUE CONTENANT DEUX CENTRES CHIRAUX ADJACENTS

(71) **ICOS CORPORATION** [US/US]; 22021 20th Avenue S.E., Bothell, WA 98021 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **NICHOLS, Paul** [US/US]; 6818 St. Vrain Ranch Blvd., Longmont, CO 80504 (US).

(72, 75) **SCHULTZE, Liza, M.** [US/US]; 16110 NE 175th Street, Woodinville, WA 98072 (US). **DEMATTEI, John** [US/US]; 208 Bothun Road, Berthoud, CO 80513 (US).

BARNETT, Brad [US/US]; 11230 Marion Street, Northglenn, CO 80233 (US). **PISCOPIO, Anthony** [US/US]; 2227 Bluebird Drive, Longmont, CO 80504 (US).

(74) **NAPOLI, James, J.**; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 209/00

(11) **WO 2004/096765** (13) A2

(21) PCT/IN2004/000121

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 656/DEL/2003 **1 May/mai 2003** IN (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A NOVEL CRYSTALLINE POLYMORPH OF FLUVASTATIN SODIUM AND A PROCESS FOR PREPARING IT

• NOUVELLE FORME POLYMORPHE CRISTALLINE DU SODIUM DE FLUVASTATINE ET PROCEDE DE PREPARATION ASSOCIE

(71) **MOREPEN LABORATORIES LTD.** [IN/IN]; Village - Masulkhana, Distt. - Solan, Parwanoo 173 220, Himachal Pradesh (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SURI, Sanjay** [IN/IN]; Morepen Laboratories Ltd., Village - Masulkhana, Distt. - Solan, Parwanoo 173 220, Himachal Pradesh (IN). **SARIN, Gurdeep, Singh** [IN/IN]; Morepen Laboratories Ltd., Village - Masulkhana, Distt. - Solan, Parwanoo 173 220, Himachal Pradesh (IN).

(74) **SARMA, Krishna et al.** / etc.; Corporate Law Group, 1106-1107, Kailash building, New Delhi 110 001 (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).

(51)⁷ C07D 209/04, 209/82, 209/88, 209/70

(11) **WO 2004/096766** (13) A1

(21) PCT/AU2004/000551

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 2003902023 **29 Apr/avr 2003** AU (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD OF INDOLE SYNTHESIS
• PROCEDE DE SYNTHESE D'INDOLE

(71) **THE AUSTRALIAN NATIONAL UNIVERSITY** [AU/AU]; Acton, Australian Capital Territory 0200 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANWELL, Martin, Gerhard** [AU/AU]; 6 Marawa Place, Aranda, Australian Capital Territory 2614 (AU). **LUP-TON, David, William** [AU/AU]; 18A Methodist Street, Willunga, South Australia 5172 (AU).

(74) **DE BRUYN, Paula et al.** / etc.; Davies 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).

(51)⁷ C07D 209/08, 409/06, 401/06, 403/06, 407/06, 417/06, A61K 31/404, A61P 25/08

(11) **WO 2004/096767** (13) A1

(21) PCT/DK2004/000283

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) PA200300631 **25 Apr/avr 2003** DK (25.04.2003)

(30) 60/465,387 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUBSTITUTED INDOLE AND INDOLE DERIVATIVES
• DERIVES INDOLE ET INDOLE SUBSTITUES

(71) **H. LUNDBECK A/S** [DK/DK]; Ottilievej 9, DK-2500 Valby-Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHANZHIN, Nikolay** [RU/DK]; Finsensvej 44A, 4. tv., DK-2000 Frederiksberg (DK). **ROTTLÄNDER, Mario** [DE/DK]; Svanemosen 10, DK-2670 Greve (DK). **WATSON, William, Patrick** [GB/DK]; Jyllingevej 81 st, DK-2720 Vanløse (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 209/42, 495/04

(11) WO 2004/096768 (13) A1

(21) PCT/IB2004/001400

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,667 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTI-DIABETIC AGENTS

• AGENTS ANTIDIABETIQUES

(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) BUSSOLLOTTI, Donald, L. [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340-5146 (US). GAMMILL, Ronald, B. [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340-5146 (US).

(74) FULLER, Grover, F., Jr. et al. / etc.; Pfizer Inc., P.O. Box 1027, St. Louis, MO 63006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 211/78, A61K 31/451

(11) WO 2004/096769 (13) A1

(21) PCT/EP2004/004370

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP03/04446 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL 3,4-DISUBSTITUTED 1,2,3,6-TETRAHYDROPYRIDINE DERIVATIVES

• NOUVEAUX DERIVES DE LA 1,2,3,6-TETRAHYDROPYRIDINE 3,4-DISUBSTITUEE

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEZENCON, Olivier [CH/CH]; Dürrenmattweg 53, CH-4123 Allschwil (CH). BUR, Daniel [CH/CH]; Im Rosengarten 24, CH-4106 Therwil (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). REMEN, Lubos [SK/CH]; Kurzleängeweg 28, CH-4123 Allschwil (CH). RICHARD-BILDSTEIN, Sylvia [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). WELLER, Thomas [CH/CH]; Hoelzistrasse 58, CH-4102 Binningen (CH).

(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 211/90, A61K 31/4422, A61P 9/00

(11) WO 2004/096770 (13) A1

(21) PCT/GB2004/001638

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0309471.1 25 Apr/avr 2003 GB (25.04.2003)

(30) 0314617.2 23 Jun/juin 2003 GB (23.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PREPARING ALMODIPINE MESYLATE MONO-HYDRATE

• PROCÉDE DE PRÉPARATION DE MESYLATE D'AMLODIPINE MONO-HYDRATE

(71) CIPLA LIMITED [IN/IN]; 289 Bellasis Road, Mumbai central, Mumbai 400 008 (IN).

(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) KANKAN, Rajendra, Narayanrao [IN/IN]; A-3/5, NBD Society, NSS Road, Ghatkopar (West), Mumbai 400 084, Maharashtra (IN). RAO, Dharmaraj, Ramachandra [IN/IN]; 4/403 Garden Enclave, Pokharan Road 2, Thane West, Mumbai 400

601, Maharashtra (IN). SRINIVAS, Pathi, L. [IN/IN]; 2475/24, 7th B Main, R P C Layout, Vijayanagar, Bangalore 560 040, Karnataka (IN).

(74) WAIN, Christopher, Paul et al. / etc.; A A Thornton & Co, 235 High Holbon, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 213/40, 295/12, 211/58, 317/50, 405/12, 405/14, 241/12, 211/56, 213/38, 401/12, C07C 233/00

(11) WO 2004/096771 (13) A1

(21) PCT/EP2004/004658

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309781.3 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIARYL COMPOUNDS HAVING ACTIVITY AT THE 5HT5A RECEPTOR

• COMPOSES BIARYLE EXERCANT UNE ACTIVITE SUR LE RECEPTEUR DE 5HT5A

(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) BROMIDGE, Steven, Mark [GB/IT]; GlaxoSmithKline, Via Alessandro Fleming 2, I-37135 Verona (IT). CORBETT, David, Francis [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). HEIGHTMAN, Thomas, Daniel [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MOSS, Stephen, Frederick [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) KONDO, Rie; GlaxoSmithKline, 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 213/61, 213/26, 213/38

(11) WO 2004/096772 (13) A1

(21) PCT/EP2004/006075

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309631.0 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL PROCESS FOR THE PREPARATION OF 2-AMINOMETHYLPYRIDINE DERIVATIVES
• NOUVEAU PROCEDE DE PREPARATION DE DERIVES DE LA 2- AMINO-METHYLPYRIDINE

(71) BAYER CROPSCIENCE AG [DE/DE]; Alfred-Nobel-Strasse 50, 40789 Monheim am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOLTING, Jorn [DE/DE]; Roggen-dorfstrasse 59, 51061 Cologne (DE). BUR-TON, Brian [GB/GB]; 100 Swaynes Lane, CB3 7EF (GB).

(74) MERIGEAULT, Shona; Bayer Crop-Science SA, 14/20, rue Pierre Baizet 9163, F-69263 Lyon 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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 215/22, 409/04, A61K 31/4725, A61P 25/00

(11) WO 2004/096773 (13) A1

(21) PCT/US2004/009290

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0309440.6 25 Apr/avr 2003 GB
(25.04.2003)

(30) 60/477,277 10 Jun/juin 2003 US
(10.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUINOLONE DERIVATIVES
• DERIVES DE QUINOLONE

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAMP, Nicholas, Paul [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke Hampshire RG21 2XA (GB). PENARIOL, Roberta [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke Hampshire RG21 2XA (GB). BEADLE, Christopher, David [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke Hampshire RG21 2XA (GB).

(74) KINGSBURY, Oliver, W. 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 217/26, 417/12, 405/04, 401/12, 401/04, 209/44, A61K 31/47, 31/4035, A61P 31/12

(11) WO 2004/096774 (13) A1

(21) PCT/EP2004/004660

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310065.8 1 May/mai 2003 GB
(01.05.2003)

(30) 0310069.0 1 May/mai 2003 GB
(01.05.2003)

(30) 0310067.4 1 May/mai 2003 GB
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACYL ISOINDOLINE DERIVATIVES AND ACYL ISOQUINOLINE DERIVATIVES AS ANTI-VIRAL AGENTS
• DERIVES D'ACYLE ISOINDOLINE ET D'ACYLE ISOQUINOLINE UTILISES COMME AGENTS ANTIVIRAUX

(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) BRAVI, Gianpaolo [IT/GB]; Glaxo-SmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). CORFIELD, John, Andrew [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). HAIGH, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). LOVEGROVE, Victoria, Lucy, Helen [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). SHAH, Pritom [GB/GB]; Glaxo-SmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB). SLATER, Martin, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage Hertfordshire SG1 2NY (GB).

(74) CRAWLEY, Karen; 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 223/16, 401/06, 401/12, 403/06, 403/12, 417/06, A61K 31/55, A61P 13/02, 43/00

(11) WO 2004/096775 (13) A1

(21) PCT/JP2004/005998

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-123032 28 Apr/avr 2003 JP
(28.04.2003)

(30) 2003-401126 1 Dec/déc 2003 JP
(01.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • 4,4-DIFLUORO-1,2,3,4-TETRAHYDRO-5H-1-BENZAZEPINE DERIVATIVE OR SALT THEREOF

- DERIVE DE 4,4-DIFLUORO-1,2,3,4-TE-TRAHYDRO-5H-1-BENZA ZEPINE OUSSEL DE CELUI-CI
- (71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 1038411 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOSHIO, Hiroyuki [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). TSUKAMOTO, Issei [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). KAKEFUDA, Akio [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). AKAMATSU, Seiji [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP). SAITOH, Chikashi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 3058585 (JP).
- (74) NAGAI, Shozo et al. / etc.; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 1748612 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 233/54
- (11) WO 2004/096776 (13) A1
- (21) PCT/EP2004/050619
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) de (26) de
- (30) 10319465.7 29 Apr/avr 2003 DE (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR THE PRODUCTION OF IONIC LIQUIDS CONTAINING ALKYL SULPHATE AND FUNCTIONALISED ALKYL SULPHATE-ANIONS
- PROCEDE DE PRODUCTION DE LIQUIDES IONIQUES AVEC DU SULFATE D'ALKYLE ET DES ANIONS DE SULFATE D'ALKYLE FONCTIONNALISES
- (71) SOLVENT INNOVATION GMBH [DE/DE]; Nattermannallee 1, 50829 Koeln (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WASSERSCHIED, Peter [DE/DE]; Grevenbroicher Strasse 2, 50829 Koeln (DE). VAN HAL, Roy [NL/NL]; Anjerstraat 8, NL-6451 HD Schinveld (NL). HILGERS, Claus [DE/DE]; Nattermannallee 1, 50829 Koeln (DE).
- (74) WEBER, Thomas et al. / etc.; von Kreisler Seltling Werner, Bahnhofsvorplatz 1, Deichmannhaus am Dom, 50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 239/42, 403/12, 405/12, 401/12, 407/12, 403/04, 403/14, 239/34, 239/48, A61K 31/506, A61P 11/06
- (11) WO 2004/096777 (13) A1
- (21) PCT/EP2004/003910
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 03009384.3 25 Apr/avr 2003 EP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PYRIMIDINE DERIVATIVES USEFUL FOR THE TREATMENT OF DISEASES MEDIATED BY CRTH2
- DERIVES DE PYRIMIDINE UTILES POUR LE TRAITEMENT DES MALADIES MEDIEES PAR CRTH2
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LY, Tai-wei [CA/JP]; 329-1-211, Kodono-cho, Nara-shi, Nara 630-8441 (JP). KORIYAMA, Yuji [JP/JP]; 5-13-6-102, Jingu, Nara-shi, Nara 630-0804 (JP). YOSHINO, Takashi [JP/JP]; 1-1-17-101, Saidaiji, Nogami-cho, Nara-shi, Nara 631-0833 (JP). SATO, Hiroki [JP/JP]; 4-7-4-102, Jingu, Nara-shi, Nara 631-0804 (JP). TANAKA, Kazuho [JP/JP]; 15-1-301, Konyama-cho, Yamato, Koriyama-shi, Nara 639-1148 (JP). SUGIMOTO, Hiromi [JP/JP]; 4-25-2-B201, Sakuragaoka, Seika-cho, Sorakui-gun, Kyoto 619-0232 (JP). MANABE, Yoshihisa [JP/JP]; 4-8-19, Suzaku, Nara-shi, Nara 631-0806 (JP). BACON, Kevin [GB/JP]; 5-15-912, Koyo-cho, Naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP). URBANS, Klaus [DE/JP]; 6-3-1-301, Kusugaoka-cho, Nada-ku, Kobe-shi, Hyogo 657-0024 (JP). SEKI, Masanori [JP/JP]; 7-17-202, Sanjo-sakae-machi, Nara-shi, Nara 630-8126 (JP). SHINTANI, Takuya [JP/JP]; 4-24-1, Seikadai, Seika-cho, Soraku-gun, Kyoto 619-0238 (JP).
- (74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 239/84, A61K 31/517, A61P 31/22
- (11) WO 2004/096778 (13) A1
- (21) PCT/EP2004/004103
- (22) 17 Apr/avr 2004 (17.04.2004)
- (25) de (26) de
- (30) 103 19 612.9 2 May/mai 2003 DE (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SUBSTITUTED DIHYDROCHINAZOLINES HAVING ANTIVIRAL PROPERTIES
- DIHYDROQUINAZOLINES SUBSTITUEES A PROPRIETES ANTIVIRALES
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WUNBERG, Tobias [DE/DE]; Otto-Müller-Str. 39, 42699 Solingen (DE). BAUMEISTER, Judith [DE/DE]; Kreuzstr. 46, 42277 Wuppertal (DE). BETZ, Ulrich [DE/DE]; Im Johannistal 11, 42119 Wuppertal (DE). JESKE, Mario [DE/DE]; Bruderstr. 20-22, 42105 Wuppertal (DE). LAMPE, Thomas [DE/DE]; Karolingerstr. 93, 40223 Düsseldorf (DE). NIKOLIC, Susanne [DE/DE]; Knipprather Str. 14, 40789 Monheim (DE). REEFSCHLÄGER, Jürgen [DE/DE]; Nedderlandsweg 45, 26125 Oldenburg (DE). SCHOHE-LOOP, Rudolf [DE/DE]; Arndtstr. 10a, 42327 Wuppertal (DE). SÜSSMEIER, Frank [DE/DE]; Eintrachtstr. 29, 42275 Wuppertal (DE). ZIMMERMANN, Holger [DE/DE]; Katernberger Schulweg 53, 42113 Wuppertal (DE). GROSSER, Rolf [DE/DE]; Gellertstr. 9, 51373 Leverkusen (DE). HENNINGER, Kerstin [DE/DE]; Claudiusweg 7, 42115 Wuppertal (DE). HEWLETT, Guy [GB/DE]; Krutscheider Weg 96, 42327 Wuppertal (DE). KELDENICH, Jörg [DE/DE]; Damaschkeweg 49, 42113 Wuppertal (DE). LANG, Dieter [DE/DE]; Wimmersberger Str. 60, 42553 Velbert (DE). NELL, Peter [DE/DE]; Funckstr. 63, 42115 Wuppertal (DE).
- (74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 239/95, 401/06, 401/12, 401/04, A61K 31/517, A61P 25/00

(11) WO 2004/096779 (13) A1

(21) PCT/HU2004/000044

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) P0301173 30 Apr/avr 2003 HU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUINAZOLINONE-DERIVATIVES AND THEIR USE FOR PREPARATION OF PHARMACEUTICAL COMPOSITIONS HAVING PARP ENZYME INHIBITORY EFFECT

• DERIVES DE QUINAZOLINONE ET UTILISATION DE CEUX-CI DANS LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES POSSEDANT DES EFFETS INHIBITEURS D'ENZYME

(71, 72) SÜMEGI, Balázs [HU/HU]; Homokkő utca 7., H-7634 Pécs (HU). HIDEG, Kálmán [HU/HU]; Ifjúság út 5a, H-7624 Pécs (HU). KÁLAI, Tamás [HU/HU]; Endresz G. utca 11a, H-7633 Pécs (HU).

(74) DANUBIA PATENT AND TRADEMARK ATTORNEYS LTD; 1368 Budapest 5, P.O. Box 198, Bajcsy-Zsilinszky út 16., H-1051 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).

(51)⁷ C07D 241/44, 401/12, A61K 31/498, A61P 9/00, 25/00, 35/00

(11) WO 2004/096780 (13) A1

(21) PCT/EP2004/004374

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP03/04491 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUINOXALINONE-3- ONE DERIVATIVES AS OREXIN RECEPTOR ANTAGONISTS

• DERIVES DE QUINOXALINONE-3-ONE UTILISES COMME ANTAGONISTES DU RECEPTEUR D'OREXINE

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(71) FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). (only for / seulement pour US)

(72, 75) AISSAOUI, Hamed [FR/FR]; 4, Allée des Griottes, F-Pulversheim (FR). CLOZEL, Martine [FR/CH]; Winterhalbe 3b, CH-4102 Binningen (CH). WELLER, Thomas [CH/CH]; Hoelzlistrasse 58, CH-4102 Binningen (CH). KOBERSTEIN, Ralf [DE/DE]; Belchenstrasse 17, 79539 Lörrach (DE). SIFFERLEN, Thierry [FR/FR]; 6, rue de Thann, F-68116 Guewenheim (FR).

(74) HOFMANN, Dieter et al. / etc.; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 249/12, A61K 31/4196, A61P 25/16, 25/28

(11) WO 2004/096781 (13) A1

(21) PCT/SE2004/000618

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0301232-5 25 Apr/avr 2003 SE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF DERIVATIVES OF 2, 4-DI-HYDRO-[1,2,4]TRIAZOLE-3-THIONE AS INHIBITORS OF FTEH ENZYME MYELOPEROXIDASE (MPO)

• UTILISATION DE DERIVES DE 2, 4-DI-HYDRO-[1,2,4]TRIAZOLE-3-THIONES COMME INHIBITEURS DE L'ENZYME MYELOPEROXYDASE (MPO)

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SVENSSON, Mats [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). TIDÉN, Anna-Karin [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). TUREK, Dominika [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE).

(74) ASTRAZENECA AB; Global Intellectual Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 251/60

(11) WO 2004/096782 (13) A1

(21) PCT/EP2004/004274

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 19 902.0 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR PRODUCING MELAMINE UNDER HIGH PRESSURE

• PROCEDE ET SYSTEME DE PRODUCTION DE MELAMINE SOUS HAUTE PRESSION

(71) AMI AGROLINZ MELAMINE INTERNATIONAL GMBH [AT/AT]; St.-Peter-Strasse 25, A-4021 Linz (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COUFAL, Gerhard [AT/AT]; Münchgasse 21, A-4060 Leonding (AT).

(74) GROSS, Felix; Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 271/107, 249/08, C07F 7/10, H01L 51/30, H05B 33/14

(11) WO 2004/096783 (13) A1

(21) PCT/US2003/032046

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/414,073 15 Apr/avr 2003 US
(15.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ETHYNYL CONTAINING ELECTRON TRANSPORT AGENTS AND THEIR USE IN ORGANIC LUMINESCENT DEVICES

• AGENTS DE TRANSPORT D'ELECTRONS CONTENANT DE L'ETHYNYL ET LEUR UTILISATION DANS DES DISPOSITIFS LUMINESCENTS ORGANIQUES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) ROBERTS, Ralph R.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). LI, Yingbo.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). LAMANSKY, Sergey A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) LOWN, Jean A., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 NA 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 all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C07D 277/64, 417/12, 235/08, 235/10, 277/68, 263/56, A61K 31/4184, 31/5377, A61P 25/04, 25/28

(11) WO 2004/096784 (13) A1

(21) PCT/SE2004/000635

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0301246-5 28 Apr/avr 2003 SE
(28.04.2003)

(30) 0301305-9 5 May/mai 2003 SE
(05.05.2003)

(30) 0400044-4 12 Jan/jan 2004 SE
(12.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NEW HETEROCYCLIC AMIDES EXHIBITING AN INHIBITORY ACTIVITY AT THE VANILLOID RECEPTOR 1 (VR1).

• NOUVEAUX AMIDES HETEROCYCLIQUES

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BESIDSKI, Yevgeni [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). BROWN, William [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Québec H4S 1Z9 (CA). JOHNSTONE, Shawn [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Québec H4S 1Z9 (CA). LABRECQUE, Denis [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Québec H4S 1Z9 (CA). MUNRO, Alexander [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Québec H4S 1Z9 (CA). ROTTICCI, Didier [FR/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). WALPOLE, Christopher [GB/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St. Laurent, Québec H4S 1Z9 (CA). ZEMRIBO, Ronald [LV/LV]; OSI, Aizkraukles 21, Riga LV 1006 (LV).

(74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 303/48

(11) WO 2004/096785 (13) A1

(21) PCT/JP2004/005767

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-121103 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SALT OF (2S,3S)-3-[[[(1S)-1-ISOBUTOXYMETHYL-3-METHYL-BUTYL]CARBAMOYL]OXIRANE-2-CARBOXYLIC ACID

• SEL D'ACIDE (2S,3S)-3-[[[(1S)-1-ISOBUTOXYMETHYL-3-METHYL-BUTYL]CARBAMOYL]OXYRANE-2-CARBOXYLIQUE

(71) NIPPON CHEMIPHAR CO., LTD. [JP/JP]; 2-2-3, Iwamoto-cho, Chiyoda-ku, Tokyo 1018678 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TENDO, Atsushi [JP/JP]; 299-1, Hibori, Kasukabe-shi, Saitama 3440005 (JP). TAKAHASHI, Toshihiro [JP/JP];

4-1-6-505, Hikonari, Misato-shi, Saitama 3410003 (JP). YAMAKAWA, Tomio [JP/JP]; 2-23-2, Midori-dai, Kashiwa-shi, Chiba 2770884 (JP). OKAI, Kazuki [JP/JP]; 1-6-62, Minami-koshigaya, Koshigaya-shi, Saitama 3430845 (JP). NIHASHI, Susumu [JP/JP]; 1778-66, Kamishizu, Sakura-shi, Chiba 2850846 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C07D 307/00, 305/14, C08F 20/28, 16/24, G03F 7/039

(11) WO 2004/096786 (13) A1

(21) PCT/JP2004/004007

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-120921 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLUORINATED CYCLIC COMPOUND, POLYMERIZABLE FLUOROMONOMER, FLUOROPOLYMER, RESIST MATERIAL COMPRISING THE SAME, AND METHOD OF FORMING PATTERN WITH THE SAME

• COMPOSE CYCLIQUE FLUORE, FLUOROMONOMERE POLYMERISABLE, FLUOROPOLYMER, PRODUIT DE RESERVE COMPRENANT CEUX-CI ET PROCEDE DE FORMATION D'UN MOTIF AVEC CEUX-CI

(71) CENTRAL GLASS COMPANY LIMITED [JP/JP]; 5253, Oaza Okube, Ube-shi, Yamaguchi, 7550001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOMORIYA, Haruhiko [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). SUMIDA, Shinichi [JP/JP]; c/o Chemical Research Center of CENTRAL

GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). KAWAMURA, Katsunori [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). KOBAYASHI, Satoru [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). MIYAZAWA, Satoru [JP/JP]; c/o Chemical Research Center of CENTRAL GLASS COMPANY, LIMITED, 2805, Imafukunakadai, Kawagoe-shi, Saitama, 3501151 (JP). MAEDA, Kazuhiko [JP/JP]; c/o CENTRAL GLASS COMPANY, LIMITED, 7-1, Kandanishiki-cho 3-chome, Chiyoda-ku, Tokyo, 1010054 (JP).

(74) HASHIMOTO, Takeshi et al. / etc.; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo, 1040044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 307/93

(11) WO 2004/096787 (13) A1

(21) PCT/JP2004/006069

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-124292 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-137371 15 May/mai 2003 JP (15.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLYCYCLIC LACTONES, (METH)ACRYLATES HAVING POLYCYCLIC LACTONE STRUCTURES, AND PROCESS FOR PRODUCTION THEREOF

• LACTONES POLYCYCLIQUES, (METH)ACRYLATES PRESENTANT DES STRUCTURES DE LACTONES POLYCYCLIQUES, ET LEUR PROCEDE DE PRODUCTION

(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) SUZUKI, Toshiyuki [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research Center, Inc., 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). TAKAHASHI, Hiroko [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).

KAWAMURA, Shigenori [JP/JP]; c/o Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). HAMASHIMA, Kaoru [JP/JP]; c/o Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). HONDA, Kohshi [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research Center, Inc., 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).

(74) MIYAKOSHI, Noriaki; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 309/00, A61K 31/40, A61P 3/00, 3/06

(11) WO 2004/096788 (13) A1

(21) PCT/NL2004/000284

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03101227.1 2 May/mai 2003 EP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR THE PREPARATION OF (4-HYDROXY-6-OXO-TETRAHYDRO-2-YL) ACETONITRILE AND DERIVATIVES THEREOF

• PROCEDE DE PREPARATION DE (4-HYDROXY-6-OXO-TETRAHYDRO-2-YL)-ACETONITRILE ET DE DERIVES CORRESPONDANTS

(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) MINK, Daniel [DE/BE]; Heckenweg 5, B-4700 Eupen (BE). WOLBERG, Michael [DE/DE]; Römerstrasse 99b, 52428 Jülich (DE). BOESTEN, Wilhelmus, Hubertus, Joseph [NL/NL]; Brountsiaan 9, NL-6132 BJ Sittard (NL). SEREINIG, Natascha [AT/NL]; Gabriel Metsulaan 92, NL-5611 SR Eindhoven (NL).

(74) HABETS, Winand, Johannes, Petrus; 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).

(51)⁷ C07D 309/30

(11) WO 2004/096789 (13) A1

(21) PCT/KR2004/000974

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ko (26) en

(30) 10-2003-0027106 29 Apr/avr 2003 KR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PREPARING STATINS INTERMEDIATES

• PROCEDE POUR PREPARER DES INTERMEDIAIRES DE STATINES

(71) CJ CORP. [KR/KR]; CJ Bldg., 500, Nam-daemunno 5-ga, Jung-gu, Seoul 100-749 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Sang-Ho [KR/KR]; Gwanak Sungwon Apt. 308-1503, Buheung-dong Dongan-gu, Anyang-si, Gyeonggi-do 431-054 (KR). LEE, Kwang-Hyeg [KR/KR]; Mokreonnaeul Hwasung Village 702-402, Yatap-dong Bundang-gu, Seongnam-si, Gyeonggi-do 463-070 (KR). CHOI, Kwang-Do [KR/KR]; Samho Apt. 11-808, Bisan-dong, Dongan-gu Anyang-si, Gyeonggi-do 431-050 (KR). LIM, Jee-Woong [KR/KR]; Pureun-maeul Sinseong Apt. 307-403, Sunae-dong Bundang-gu, Seongnam-si, Gyeonggi-do 463-779 (KR). KIM, Jin-Wan [KR/KR]; Woojung Apt. 101-205, 46-5 Cheonho 1-dong Gangdong-gu, Seoul 134-861 (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).

Published / Publiée : (c)

(51)⁷ C07D 311/72

(11) WO 2004/096790 (13) A1

(21) PCT/EP2004/004144

(22) 19 Apr/avr 2004 (19.04.2004)

- (25) en (26) en
- (30) 03009522.8 **28 Apr/avr 2003** EP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROCESS FOR THE MANUFACTURE OF TOCYL AND TOCOPHERYL ACYLATES
- PROCEDE DE PREPARATION D'ACRYLATES DE TOCYLE ET DE TOCOPHERYLE
- (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) BONRATH, Werner [DE/DE]; Luckenbachweg 29, 79115 Freiburg (DE). HAAS, Alois [DE/DE]; Medonstrasse 17, 14532 Kleinmachnow (DE). HOPPMANN, Simone [DE/DE]; Königsberger Strasse 69, 42277 Wuppertal (DE). NETSCHER, Thomas [DE/DE]; Am Huligraben 2, 79189 Bad Krozingen (DE). PAULING, Horst [CH/CH]; Traugott-Meyer-Strasse 2, CH-4147 Aesch (CH).
- (74) SCHWANDER, Kuno, Josef; Roche Vitamins Ltd., Wurmisweg 576, CH-4303 Kaiseraugst (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07D 311/72
- (11) WO 2004/096791 (13) A2
- (21) PCT/EP2004/004443
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 03009985.7 **2 May/mai 2003** EP
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROCESS FOR THE MANUFACTURE OF TOCYL AND TOCOPHERYL ACYLATES
- PROCEDE DE PRODUCTION DE TOCYL ACYLATE ET DE TOCOPHERYL ACYLATE
- (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) BONRATH, Werner [DE/DE]; Luckenbachweg 29, 79115 Freiburg (DE). GI-AUDI, Lisa [FR/FR]; 6A, rue Wilson, F-68330 Huningue (FR).
- (74) SCHWANDER, Kuno, Josef; Roche Vitamins Ltd., Wurmisweg 576, CH-4303 Kaiseraugst (CH).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 C07D 403/00

(11) WO 2004/096792 (13) A2

(21) PCT/FR2004/000979

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fr (26) fr

(30) 03/05088 **25 Apr/avr 2003** FR
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NOVEL INDOLE DERIVATIVES, METHOD OF PREPARING SAME IN THE FORM OF MEDICAMENTS, PHARMACEUTICAL COMPOSITIONS AND, IN PARTICULAR, KDR INHIBITORS
- NOUVEAUX DERIVES DE L'INDOLE, LEUR PREPARATION A TITRE DE MEDICAMENTS, COMPOSITIONS PHARMACEUTIQUES ET NOTAMMENT COMME INHIBITEURS DE KDR

(71) AVENTIS PHARMA S.A. [FR/FR]; 20, avenue Raymond Aron, F-92160 Antony (FR).

(72) UGOLINI, Antonio; 26, rue André Chénier, F-91300 Massy (FR). BOUCHARD, Hervé; 7, allée de la Prévôté, F-94320 Thiais (FR).

(74) BOURGOUIN-MULLER, Alessandra; AVENTIS PHARMA S.A., Direction Brevets - LE0/144, 20, avenue Raymond Aron, F-92165 Antony 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 C07D 403/04, 403/10, 401/04, 403/12, 495/04, 401/12

(11) WO 2004/096793 (13) A1

(21) PCT/HU2004/000043

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) P0301154 **28 Apr/avr 2003** HU
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NEW ALICYCLIC-AMINE-SUBSTITUTED 4-CARBOXAMIDO-BENZIMIDAZOLES AS PARP-INHIBITORS AND ANTIOXIDANTS
- NOUVEAUX 4-CARBOXAMIDO-BENZIMIDAZOLES ALICYCLIQUES SUBSTITUES PAR UNE AMINE UTILISES COMME INHIBITEURS DE PARP ET COMME ANTIOXYDANTS

(71, 72) HIDEG, Kálmán [HU/HU]; Ifjuság utja 5/a, H-7624 Pécs (HU). KÁLAI, Tamás [HU/HU]; Kossuth F.u.46., H-2700 Cegléd (HU). SÜMEGI, Balázs [HU/HU]; Homokko u.7., H-7634 Pécs (HU).

(74) SOMFAI, Éva; Somfai & Partners, Industrial Rights Co. Ltd., Pozsonyi út 38. II. 5., H-1137 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).

Published / Publiée : (c)

(51)⁷ C07D 403/06, 205/04, 409/06, 405/12, 409/12, 401/12, 211/46, A61K 31/397, 31/445, A61P 3/04

(11) WO 2004/096794 (13) A1

(21) PCT/GB2004/001884

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310052.6 **1 May/mai 2003** GB
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AZETIDINECARBOXAMIDE DERIVATIVES AND THEIR USE IN THE TREATMENT OF CB1 RECEPTOR MEDIATED DISORDERS
- DERIVES AZETIDINECARBOXAMIDE ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES A MEDIATION DU RECEPTEUR DU CB1

(71) VERNALIS RESEARCH LIMITED [GB/GB]; Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAVIDSON, James, Edward, Paul [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). BENTLEY, Jonathan, Mark [GB/GB]; Vernalis Research Limited,

- Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **DAWSON, Claire, Elizabeth** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **HARRISON, Kerry** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **MANSELL, Howard, Langham** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **PITHER, Alan, Leslie** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **PRATT, Robert, Mark** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **ROFFEY, Jonathan, Richard, Anthony** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB). **RUSTON, Victoria, Jane** [GB/GB]; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
- (74) **WALLS, Alan, James**; Vernalis Research Limited, Oakdene Court, 613 Reading Road, Winnersh RG41 5UA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 413/12, A61K 31/422, A61P 35/00
- (11) WO 2004/096796 (13) A1
- (21) PCT/EP2004/004520
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 03009908.9 30 Apr/avr 2003 EP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NOVEL ANILINE DERIVATIVES, THEIR MANUFACTURE AND USE AS PHARMACEUTICAL AGENTS
- NOUVEAUX DERIVES D'ANILINE, LEUR FABRICATION ET LEUR UTILISATION EN TANT QU'AGENTS PHARMACEUTIQUES
- (71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOSSENMAIER, Birgit** [DE/DE]; Horst-Wolfram-Geissler-Weg 10, 82229 Seefeld (DE). **FRIEBE, Walter-Gunar** [DE/DE]; Sophienstrasse 8, 68165 Mannheim (DE). **REIFF, Ulrike** [DE/DE]; Weidenweg 6, 82377 Penzberg (DE). **RUETH, Matthias** [DE/DE]; Falkenstrasse 78, 82377 Penzberg (DE). **VOSS, Edgar** [DE/DE]; Siedlungsstrasse 7, 83673 Bichl (DE).
- (74) **SCHREINER, Siegfried**; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 405/00
- (11) WO 2004/096795 (13) A2
- (21) PCT/US2004/012729
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 60/465,204 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • C-FMS KINASE INHIBITORS
- INHIBITEURS DE LA KINASE C-FMS
- (71) **3-DIMENSIONAL PHARMACEUTICALS, INC.** [US/US]; 665 Stockton Drive, Suite 104, Exton, PA 19341 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PLAYER, Mark, R.** [US/US]; 5022 Swan Drive, Phoenixville, PA 19460 (US). **BAINBUR, Nand** [IN/US]; 7 Jared Boulevard, Kendall Park, NJ 08824 (US). **BRANDT, Benjamin, M.** [US/US]; 97 Lawrence Avenue, Highland Park, NJ 08904 (US). **CHADHA, Naresh** [US/US]; 3 Timber Road, Montville, NJ 07045 (US). **PATCH, Raymond, J.** [US/US]; 157 Pinnacle Circle, Yardly, PA 19067 (US). **ASGARI, Davoud** [IR/US]; 1208 Quail Ridge Drive, Plainsboro, NJ 08536 (US). **GEORGIADIS, Taxiarchis** [US/US]; 635 Barnhill Drive, Indianapolis, IN 46202 (US).
- (51)⁷ C07D 417/04, 417/14, A61K 31/506, 31/4436, A61P 29/00, 9/10, 3/04
- (11) WO 2004/096797 (13) A1
- (21) PCT/EP2004/004603
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 0310234.0 2 May/mai 2003 GB (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INHIBITORS OF PHOSPHATIDYLINOSITOL 3-KINASE
- INHIBITEURS DE PHOSPHATIDYLINOSITOL 3-KINASE
- (71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) **BRUCE, Ian** [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). **CUENOUD, Bernard** [CH/CH]; Rue Voltaire 7, CH-1006 Lausanne (CH). **KELLER, Thomas, Hugo** [CH/SG]; 23 Jalan Merah Saga, The Merasaga 06-01, Singapore 278102 (SG). **PILGRIM, Gaynor, Elizabeth** [GB/GB]; 28 Blackbrook Road, Beacon Fields, Newark, Notts NG24 2ST (GB). **PRESS, Nicola** [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). **RITCHIE, Cathy** [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). **VALADE, Barbara** [IT/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). **HAYLER, Judy** [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). **BUDD, Emma** [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096798 (13) A2
- (21) PCT/FR2004/000981

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fr (26) fr

(30) 03/05213 25 Apr/avr 2003 FR
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DERIVATIVES OF 2-ACYLAMINO-4-PHENYLTHIAZOLE, PREPARATION METHOD THEREOF AND APPLICATION OF SAME IN THERAPEUTICS

• DERIVES DE 2-ACYLAMINO-4-PHENYLTHIAZOLE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

(71) SANOFI-AVENTIS [FR/FR]; 174, avenue de France, F-75013 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARAYON, Pierre [FR/FR]; 430, rue Jean Thuile, F-34090 Montpellier (FR). CASELLAS, Pierre [FR/FR]; 10, rue Carl von Linné, F-34090 Montpellier (FR). FLOUTARD, Daniel [FR/FR]; 5, allée des Cigales, F-34980 Combailaux (FR). FRAISSE, Pierre [FR/FR]; 76, rue Serge Lifar, F-34080 Montpellier (FR). JEGHAM, Samir [TN/FR]; 206, rue des Asphodelles, F-34980 Montferrier-Sur-Lez (FR). LABEEUW, Bernard [FR/FR]; 22, rue Paul Eluard, F-34080 Montpellier (FR).

(74) MONAIN, Patrice; Sanofi-Aventis, 174, avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 451/02, A61K 31/46

(11) WO 2004/096799 (13) A1

(21) PCT/EP2004/004375

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP03/04490 30 Apr/avr 2003 EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TROPANE DERIVATIVES AND THEIR USE AS ACE INHIBITORS

• DERIVES DE TROPANE ET LEUR UTILISATION COMME INHIBITEURS D'ACE

(71) ACTELION PHARMACEUTICALS LTD [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEZENCON, Olivier [CH/CH]; Dürrenmattweg 53, CH-4123 Allschwil (CH). BUR, Daniel [CH/CH]; Im Rosengarten 24,

CH-4106 Therwil (CH). FISCHLI, Walter [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). REMEN, Lubos [SK/CH]; Kurzleängeweg 28, CH-4123 Allschwil (CH). RICHARD-BILDSTEIN, Sylvia [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). WELLER, Thomas [CH/CH]; Hoezlistrasse 58, CH-4102 Binningen (CH). SIFFERLEN, Thierry [FR/FR]; 6, rue de Thann, F-68116 Guewenheim (FR).

(74) HOFMANN, Dieter; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 453/02, 519/00, A61K 31/5356, A61P 11/06

(11) WO 2004/096800 (13) A2

(21) PCT/EP2004/004605

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310232.4 2 May/mai 2003 GB
(02.05.2003)(30) 0324887.9 24 Oct/oct 2003 GB
(24.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ORGANIC COMPOUNDS

• COMPOSES ORGANIQUES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) COLLINGWOOD, Stephen, Paul [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). COX, Brian [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). BAETTIG, Urs [CH/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). BHALAY, Gur-dip [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). DEVEREUX, Nicholas, James [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 487/04, 519/00, A61P 3/04

(11) WO 2004/096801 (13) A1

(21) PCT/IB2004/001418

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,918 23 Apr/avr 2003 US
(23.04.2003)(30) 60/540,048 29 Jan/jan 2004 US
(29.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CANNABINOID RECEPTOR LIGANDS AND USES THEREOF

• LIGANDS DU RECEPTEUR CANNABINOIDE ET LEURS UTILISATIONS

(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) GRIFFITH, David, Andrew [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). HAMMOND, Marlys [US/US]; 110 Glencagles, Blue Bell, PA 19422 (US). CARPINO, Philip, Albert [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr.; c/o Simpson, Alison, Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 471/04

(11) WO 2004/096802 (13) A2

(21) PCT/US2004/013322

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,537 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTIBIOTIC TETRAHYDRO- β -CARBOLINE DERIVATIVES

• DERIVES DE TETRAHYDRO- β -CARBOLINE ANTIBIOTIQUES

(71) **OSCIENT PHARMACEUTICALS** [US/US]; 100 Beaver Street, Waltham, MA 02453 (US). **ARQULE, INC.** [US/US]; 19 Presidential Way, Woburn, MA 01801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OPPERMAN, Timothy** [US/US]; 9 Parker Street, Somerville, MA 02143 (US). **ARVANITES, Anthony, C.** [US/US]; 329 Cedar Street, New Bedford, MA 02740 (US). **PINTO, Julia, C.** [US/US]; 8 Chubb's Brook Lane, Beverly, MA 01915 (US). **XIANG, Yibin** [CA/US]; 24 Marshall Path, Acton, MA 01720 (US). **ALI, Syed, Masarrat** [IN/US]; 409 Waverly Road, North Andover, MA 01845 (US). **GENG, Bolin** [US/US]; 31 Suncrest Road, Andover, MA 01810 (US). **ASHWELL, Mark, A.** [GB/US]; 8 Heald Road, Carlisle, MA 01741 (US).

(74) **DAVIS, Steven, G. et al.** / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 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 C07D 471/08, A61K 31/4995

(11) WO 2004/096803 (13) A1

(21) PCT/EP2004/004369

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP0304488 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AZABICYCLONONENE DERIVATIVES

• DERIVES D'AZABICYCLONONENE

(71) **ACTELION PHARMACEUTICALS LTD** [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEZENCON, Olivier** [CH/CH]; Dürrenmattweg 53, CH-4123 Allschwil (CH). **BUR, Daniel** [CH/CH]; Im Rosengarten 24, CH-4106 Therwil (CH). **FISCHLI, Walter** [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). **REMEN, Lubos** [SK/CH]; Kurzleängeweg 28, CH-4123 Allschwil (CH). **RICHARD-BILDSTEIN, Sylvia** [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). **WELLER, Thomas** [CH/CH]; Hoelzistrasse 58, CH-4102 Binningen (CH).

SIFFERLEN, Thierry [FR/FR]; 6, rue de Thann, F-68116 Guewenheim (FR).

(74) **HOFMANN, Dieter et al.** / etc.; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 471/08, A61K 31/4995, A61P 13/12

(11) WO 2004/096804 (13) A1

(21) PCT/EP2004/004373

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) PCT/EP03/04393 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIAZABICYCLONONENE AND TETRAHYDROPYRIDINE DERIVATIVES AS RENIN INHIBITORS

• DERIVES DE DIAZABICYCLONONENE ET DE TETRAHYDROPYRIDINE UTILISES COMME INHIBITEURS DE LA RENINE

(71) **ACTELION PHARMACEUTICALS LTD** [CH/CH]; Gewerbestrasse 16, CH-4123 Allschwil (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEZENCON, Olivier** [CH/CH]; Dürrenmattweg 53, CH-4123 Allschwil (CH). **BUR, Daniel** [CH/CH]; Im Rosengarten 24, CH-4106 Therwil (CH). **FISCHLI, Walter** [CH/CH]; Obertorweg 64, CH-4123 Allschwil (CH). **REMEN, Lubos** [SK/CH]; Kurzleängeweg 28, CH-4123 Allschwil (CH). **RICHARD-BILDSTEIN, Sylvia** [FR/FR]; 12, rue des Beaux Prés, F-68440 Dietwiller (FR). **WELLER, Thomas** [CH/CH]; Hoelzistrasse 58, CH-4102 Binningen (CH).

(74) **HOFMANN, Dieter**; Therwilerstrasse 87, CH-4153 Reinach (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 471/22, 495/22, 497/22, 491/22

(11) WO 2004/096805 (13) A2

(21) PCT/US2004/012919

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,657 25 Apr/avr 2003 US (25.04.2003)

(30) 10/714,057 14 Nov/nov 2003 US (14.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LYOTROPIC LIQUID CRYSTAL SYSTEMS BASED ON PERYLENETE-TRACARBOXYLIC ACID DIBENZIMIDAZOLE SULFODERIVATIVES, RELATED ANISOTROPIC FILMS, AND METHODS FOR MAKING

• SYSTEMES DE CRISTAUX LIQUIDES LYOTROPES A BASE DE SULFODERIVES DE DIBENZIMIDAZOLE D'ACIDE PERYLENETETRA-CARBOXYLIQUE, FILMS ANISOTROPES APPARENTES, ET LEURS PROCÉDES DE REALISATION

(71) **OPTIVA, INC.** [US/US]; 377 Oyster Point Boulevard, #13, South San Francisco, California 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAZAROV, Victor, V.** [RU/RU]; ul. Komsomolskaya d. 6, kv. 92 Moscow region, Odintsovo, 143000 (RU). **SIDORENKO, Elena, N.** [RU/RU]; Skhodnenskaya ul. 46/14, kv. 16, Moscow, 123363 (RU).

(74) **TEST, Aldo, J. 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 C07D 473/30, 473/18, 473/06, 473/04, 473/22, A61K 31/52, 31/5377, A61P 43/00,

29/00, 19/02, 37/06, 1/00, 3/04, 31/18, 35/04, 13/08, 19/10

(11) WO 2004/096806 (13) A1

(21) PCT/JP2004/006104

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-125715 30 Apr/avr 2003 JP
(30.04.2003)

(30) 2003-352423 10 Oct/oct 2003 JP
(10.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUSED IMIDAZOLE DERIVATIVE

• DERIVE D'IMIDAZOLE CONDENSE

(71) SUMITOMO PHARMACEUTICALS CO. LTD. [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi Osaka, 5418510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAHIRA, Hiroyuki [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd. 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi Osaka, 5540022 (JP). HOCHIGAI, Hitoshi [JP/JP]; c/o Sumitomo Pharmaceuticals Co., Ltd. 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi Osaka, 5540022 (JP).

(74) ISOBE, Yutaka; c/o Intellectual Property Department SUMITOMO PHARMACEUTICALS CO., LTD. 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka, 5540022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/00

(11) WO 2004/096807 (13) A2

(21) PCT/EP2004/050621

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/465,987 28 Apr/avr 2003 US
(28.04.2003)

(30) 03101164.6 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIV INTEGRASE INHIBITORS

• INHIBITEURS D'INTEGRASE VIH

(71) TIBOTEC PHARMACEUTICALS LTD. [IE/IE]; Blanchardstown Corporate Park, Unit 4, Block 4B, Blanchardstown, Dublin 15 (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERSCHUEREN, Wim, Gaston [BE/BE]; De Wittestraat 5, B-2600

Berchem (BE). DIERYNCK, Inge [BE/BE]; Moonstraat 38, B-2018 Antwerpen (BE). SURLERAUX, Dominique, Louis, Nestor, Ghislain [BE/BE]; Rue de la Scail-lée 13, B-1440 Braine-le-Château (BE). DAEYAERT, Frederik, Frans, Desiré [BE/BE]; Stijn Streuvelsstraat 64, B-2340 Beerse (BE).

(74) DAELEMANS, Frank; Tibotec-Virco Comm. VA, Generaal De Wittelaan L11 B3, B-2800 Mechelen (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 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 C07D 487/04, A61P 25/28, A61K 31/53

(11) WO 2004/096808 (13) A1

(21) PCT/GB2004/001761

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0309657.5 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRIAZINE COMPOUNDS AND THEIR USE

• COMPOSES DE TRIAZINE ET LEUR UTILISATION

(71) DE NOVO PHARMACEUTICALS LIMITED [GB/GB]; Compass House, Vision Park, Histon, Cambridge CB4 9ZR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARRIS, William [GB/GB]; De Novo Pharmaceuticals Limited, Compass House, Vision Park, Histon, Cambridge CB4 9ZR (GB). JOHN, Derek, Edward [GB/GB]; 32 Enniskillen Road, Cambridge CB4 1SQ (GB). FIRTH-CLARK, Stuart [GB/GB]; De Novo Pharmaceuticals Limited, Compass house, Vision Park, Histon, Cambridge CB4 9ZR (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 487/04, A61K 31/55, 31/407

(11) WO 2004/096809 (13) A1

(21) PCT/IB2004/001272

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/465,386 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • 1,2,3,4,5,6-HEXAHYDROAZEPINO[4,5-B]INDOLES CONTAINING ARYLSULFONES AT THE 9-POSITION
• 1,2,3,4,5,6-HEXAHYDROAZEPINO[4,5-B]INDOLES PORTANT DES ARYLSULFONES EN POSITION 9

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kakamazoo, MI 49001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACOBSEN, Eric, Jon [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). MERCHANT, Kalpana, Mahesh [US/US]; 6745 Wimbeldon Drive, Zionville, IN 46077 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, A61K 31/505, 31/519

(11) WO 2004/096810 (13) A1

(21) PCT/IB2004/001433

(22) 22 Apr/avr 2004 (22.04.2004)

- (25) en (26) en
- (30) 0309780.5 **29 Apr/avr 2003** GB
(29.04.2003)
- (30) 0327748.0 **28 Nov/nov 2003** GB
(28.11.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • 5,7-DIAMINOPYRAZOLO'4,3-DIPYRIMIDINES USEFUL IN THE TREATMENT OF HYPERTENSION
- 5,7-DIAMINOPYRAZOLO'4,3-DIPYRIMIDINES UTILES POUR LE TRAITEMENT DE L'HYPERTENSION
- (71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)
- (71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf GB)
- (72, 75) **BELL, Andrew, Simon** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
BROWN, David, Graham [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
FOX, David, Nathan, Abraham [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
MARSH, Ian, Roger [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
MORRELL, Andrew, Ian [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
PALMER, Michael, John [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
WINSLOW, Carol, Ann [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) **WOOD, David, J. et al.** / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 487/04, 473/30, A61K 31/522, 31/519, A61P 3/10, 9/02 // (C07D 487/04, 249:00, 239:00) (C07D 487/04, 239:00, 231:00)
- (11) **WO 2004/096811** (13) A1
- (21) PCT/IB2004/001796
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 60/466,639 **30 Apr/avr 2003** US
(30.04.2003)
- (30) 10/828,485 **20 Apr/avr 2004** US
(20.04.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PDE9 INHIBITORS FOR TREATING TYPE 2 DIABETES, METABOLIC SYNDROME, AND CARDIOVASCULAR DISEASE
- INHIBITEURS DE PDE9 POUR LE TRAITEMENT DU DIABETE DE TYPE 2, DU SYNDROME METABOLIQUE ET DE MALADIES CARDIO-VASCULAIRES
- (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) **BELL, Andrew, Simon** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
DENINNO, Michael, Paul [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
PALMER, Michael, John [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
VISSER, Michael, Scott [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) **FULLER, Grover, F. 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 487/14, A61K 31/519, A61P 3/10, 9/10, 13/12, 25/00, 27/02
- (11) **WO 2004/096812** (13) A1
- (21) PCT/JP2004/005890
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-121287 **25 Apr/avr 2003** JP
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FUSED PYRIMIDINE DERIVATIVE
- DERIVE DE PYRIMIDINE FUSIONNE
- (71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 1008185 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAJIMA, Takao** UENO, Kim-ihisa NOMOTO, Yuji MATSUMOTO, Yuichi YANO, Hiroshi NAKANISHI, Satoshi TAKASAKI, Kotaro KUSAKA, Hideaki
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 491/04, A61P 31/00
- (11) **WO 2004/096813** (13) A1
- (21) PCT/GB2004/001687
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 0309506.4 **25 Apr/avr 2003** GB
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HETEROCYCLIC COMPOUNDS FOR USE IN THE TREATMENT OF VIRAL INFECTIONS
- COMPOSES HETEROCYCLIQUES DESTINES A ETRE UTILISES DANS LE TRAITEMENT D'INFECTIONS VIRALES
- (71) **UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED** [GB/GB]; P.O. Box 497, 30-36 Newport Road, Cardiff CF24 0DE (GB).
REGA FOUNDATION [BE/BE]; Minderbroedersstraat 10, B-3000 Leuven (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **McGUIGAN, Christopher** [GB/GB]; 2 Alfreda Road, Whitchurch, Cardiff CF4 2EH (GB).
BALZARINI, Jan [BE/BE]; Kapeldreef 20, B-3001 Heverlee (BE).
DE CLERCQ, Erik [BE/BE]; Parklaan 9, B-3360 Lovenjoel (BE).
- (74) **HOWARD, Paul, Nicholas et al.** / etc.; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07D 495/04103, G01N 33/00, 33/53
- (11) **WO 2004/096814** (13) A1
- (21) PCT/JP2004/006136
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) ja (26) ja

(30) 2003-125004 **30 Apr/avr 2003** JP
(**30.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLYCHLOROBIPHENYL DERIVATIVES AND ASSAY METHOD USING THE SAME

• DERIVES POLYCHLOROBIPHENYLE ET METHODE DE DOSAGE DANS LA-QUELLE ON UTILISE CES DERNIERS

(71) OTSUKA PHARMACEUTICAL CO. LTD. [JP/JP]; 2-9, Kandatsukasacho, Chiyoda-ku, Tokyo 1018535 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHNO, Yoshifumi [JP/JP]; 5-69-505, Minamisuehirocho Tokushima-shi, Tokushima 7700865 (JP). USUKI, Yasuaki [JP/JP]; 1-81, AZA Kishinoue Nakamura, Kitajimacho, Itano-gun, Tokushima 7710203 (JP). YANAIHARA, Chizuko [JP/JP]; 1-4-17-105, Terauchi, Toyonaka-shi, Osaka 5610872 (JP). KATO, Ikuo [JP/JP]; 675-310, Izumicho, Fujinomiya-shi, Shizuoka 4180043 (JP). KITAMURA, Kazuyuki [JP/JP]; 3289-13-C-201, Manoharashinden Fukinomiya-shi, Shizuoka 4180001 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; Kyodo Bldg., 3-6 Nihonbashiningyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 513/04, B01D 9/02 // A61K 31/496, A61P 31/04

(11) WO 2004/096815 (13) A1

(21) PCT/JP2004/006216

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124643 **30 Apr/avr 2003** JP
(**30.04.2003**)

(30) 2004-006057 **13 Jan/jan 2004** JP
(**13.01.2004**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CRYSTALS OF QUINOLINECARBOXYLIC ACID DERIVATIVE SOLVATE

• CRISTAUX D'UN SOLVATE DE DERIVE D'ACIDE QUINOLINECARBOXYLIQUE

(71) NIPPON SHINYAKU CO. LTD. [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto, 6018550 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAI, Jun [JP/JP]; 5-6, Kayogaoka 2-chome, Nagaokakyo-shi, Kyoto, 6170852 (JP). NISHIDA, Hiroshi [JP/JP]; 2-9-9-304, Oharano nishisakaidani-cho, Nishikyo-ku, Kyoto-shi, Kyoto, 6101146 (JP).

(74) SHIMIZU, Naoto et al. / etc.; Intellectual Property Department, NIPPON SHINYAKU CO., LTD., 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto, 6018550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/08

(11) WO 2004/096816 (13) A1

(21) PCT/EP2004/003313

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 19 454.1 **29 Apr/avr 2003** DE
(**29.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DICOPPER (I) OXALATE COMPLEXES AS PRECURSOR FOR METALLIC COPPER DEPOSITION

• COMPLEXES D'OXALATE DE DI-CUIVRE(I) COMME PRECURSEURS POUR LE DEPOT DE CUIVRE METALLIQUE

(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) KÖHLER, Katrin [DE/DE]; Düstereichen-Weg 47 B, 37073 Göttingen (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07F 5/02, G01N 33/50, C08G 79/08, C07H 15/18, C08B 11/18, A61K 31/70, 31/715, 31/69

(11) WO 2004/096817 (13) A1

(21) PCT/US2003/009380

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOLID-PHASE SACCHARIDE SENSING COMPOUNDS

• COMPOSES DE DETECTION DE SACCHARIDES EN PHASE SOLIDE

(71) TERUMO CORPORATION OF JAPAN [JP/JP]; 2-44-1 Hatagaya, Shibuya-ku, Tokyo 151-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWANISHI, Tetsuro [JP/US]; 655 Baker St. #H207, Costa Mesa, CA 92626 (US). ROMNEY, Matthew, Albert [US/US]; 4605 East 1st Street, Long Beach, CA 90803 (US). HOLODY, Mark, Z. [US/US]; 13 Abeto St., Irvine, CA 92620 (US). ZHU, Peter, C. [US/US]; 6 Cresthaven, Irvine, CA 92604 (US). SHINKAI, Seiji [JP/JP]; 2-13-17 Mitoma, Higashi-ku, Fukuoka, Fukuoka Fukuoka (JP).

(74) O'SHAUGHNESSY, Brian, P.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ C07F 9/40, 9/6561

(11) WO 2004/096818 (13) A2

(21) PCT/EP2003/012423

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) PCT/US03/12901 **25 Apr/avr 2003** US
(**25.04.2003**)

(30) PCT/US03/12943 **25 Apr/avr 2003** US
(25.04.2003)

(30) PCT/US03/12926 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND COMPOSITIONS FOR IDENTIFYING ANTI-HIV THERAPEUTIC COMPOUNDS

• PROCEDE ET COMPOSITIONS POUR L'IDENTIFICATION DE COMPOSES THERAPEUTIQUES ANTI-VIH

(71) GILEAD SCIENCES, INC. [US/US]; 333 Lakeside Drive, Foster City, CA 94404 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BIRKUS, Gabriel [SK/US]; 1266 Stanyan Street #4, San Francisco, CA 94117 (US). CHEN, James, M. [US/US]; 4015 Marbledale Drive, San Ramon, CA 94583 (US). CHEN, Xiaowu [US/US]; 377 Laurie Meadows Drive, Apt. 319, San Mateo, CA 94403 (US). CIHLAR, Tomas [CZ/US]; 727 Caravel Lane, Foster City, CA 94404 (US). EISENBERG, Eugene, J. [US/US]; 236 Club Drive, San Carlos, CA 94070 (US). HATADA, Marcos [US/US]; 2000 Walnut Avenue, Apt. G302, Fremont, CA 94538 (US). HE, Gong-Xin [CN/US]; 5436 Ontario Common, Fremont, CA 94555 (US). KIM, Choung, U. [US/US]; 1750 Elizabeth Street, San Carlos, CA 94070 (US). LEE, William, A. [US/US]; 749 Anderson Drive, Los Altos, CA 94024 (US). MCDERMOTT, Martin, J. [US/US]; 710 Bair Island Road, Suite 202, Redwood City, CA 94063 (US). SWAMINATHAN, Sundaramoorthi [IN/US]; 2858 Hillside Drive, Burlingame, CA 94010 (US).

(74) RIEDL, Peter et al. / etc.; Reistötter, Kinzebach & Partner (GbR), Sternwartstrasse 4, 81679 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 17/02

(11) WO 2004/096819 (13) A1

(21) PCT/GB2004/001837

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309894.4 **30 Apr/avr 2003** GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RUTHENIUM (II) COMPLEXES FOR THE TREATMENT OF TUMORS

• COMPLEXES DE RUTHENIUM (II) UTILES DANS LE TRAITEMENT DES TUMEURS

(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH

[GB/GB]; Old College, South Bridge, Edinburgh EH8 3YL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HABTEMARIAM, Abraha [GB/GB]; 7/6 Chessels Court, Edinburgh EH8 8AD (GB). SADLER, Peter, John [GB/GB]; Mill Lade Cottage, 4A Valleyfield Road, Penicuik EH26 8LW (GB).

(74) WATSON, Robert et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07F 19/00

(11) WO 2004/096820 (13) A1

(21) PCT/KR2003/002901

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 10-2003-0027130 **29 Apr/avr 2003** KR
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TUMOR SELECTIVE AND BIODEGRADABLE POLYPHOSPHAZENE-PLATINUM(II) CONJUGATE ANTITUMOR AGENT, AND PREPARATION METHOD THEREOF

• AGENT ANTITUMORAL SELECTIF VIS-A-VIS DES TUMEURS ET BIODEGRADABLE DE CONJUGUE DE POLYPHOSPHAZENE-PLATINE (II), ET SON PROCEDE DE PREPARATION

(71) BOARD OF TRUSTEES, EWHHA WOMANS UNIVERSITY [KR/KR]; 11-1 Daehyeon-Dong, Seodaemun-Gu, 120-750 Seoul (KR).

(72) SOHN, Yoon Soo; Hyundai Apt. 93-1003, Apgujeong-Dong, Gangnam-Gu, 135-110 Seoul (KR). JUN, Yong Joo; Hanyang Apt. 101-1007, Beon 3-Dong, Gangbuk-Gu, 142-742 Seoul (KR). KIM, Joo Ik; Ssangyong Sweetdothome 2123-1602, Dajeong-hanmaeul, Sang-Dong, Wonmi-Gu, 420-030 Bucheon, Gyeonggi-Do (KR).

(74) PARK, Jang Won; Park, Kim & Partner, Jewoo Bldg. 5th Fl. 200., Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C07H 5/02, 1/06

(11) WO 2004/096821 (13) A1

(21) PCT/GB2004/001759

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/426,387 **30 Apr/avr 2003** US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVED CRYSTALLINE FORM OF SUCRALOSE, AND METHOD FOR PRODUCING IT

• FORME CRISTALLINE AMELIOREE DE SUCRALOSE ET SON PROCEDE DE PRODUCTION

(71) TATE & LYLE PUBLIC LIMITED COMPANY [GB/GB]; Sugar Quay, Lower Thames Street, London EC3R 6DQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CATANI, Steven, J. [US/US]; 265 Red Oak Trail, Athens, GA 30606 (US). MERKEL, Carolyn, M. [US/US]; 152 Overlook Avenue, North Haledon, NJ 07508 (US). VERNON, Nicholas, M. [US/US]; 401 Potters Mill Avenue, Daphne, AL 36526 (US).

(74) SMYTH, Gyles, Darren; Marks & Clerk, 57-60 Lincoln's 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07H 17/00

(11) WO 2004/096822 (13) A2

(21) PCT/US2004/012645

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,294 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PYRIDYL SUBSTITUTED KETOLIDE ANTIBIOTICS

• ANTIBIOTIQUES A BASE DE KETOLIDE A SUBSTITUTION PYRIDYLE

(71) CHIRON CORPORATION [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURGER, Matthew [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville,

- CA 94662-8097 (US). **CARROLL, Georgia** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **CHU, Daniel** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **LIN, Xiaodong** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **PLATTNER, Jacob** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **RICO, Alice** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (74) **COLLIER, Steven, W. et al. / etc.;** Chiron Corporation, Intellectual Property R338, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07H 17/00
- (11) WO 2004/096823 (13) A2
- (21) PCT/US2004/012778
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,337 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NOVEL KETOLIDE DERIVATIVES
• NOUVEAUX DERIVES DE KETO-LIDES
- (71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURGER, Matthew** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). **CHU, Daniel** [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (74) **COLLIER, Steven, W. et al. / etc.;** Chiron Corporation, Intellectual Property R-338, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/00, C12P 19/34, C12Q 1/68
- (11) WO 2004/096825 (13) A1
- (21) PCT/AU2004/000549
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 10/428,310 2 May/mai 2003 US (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TREATMENT OF NUCLEIC ACID
• TRAITEMENT D'ACIDE NUCLEIQUE
- (71) **HUMAN GENETIC SIGNATURES PTY LTD** [AU/AU]; 63 Kanamook Avenue, Bayview, NSW 2104 (AU).
(for all designated States except / pour tous les États désignés sauf US)
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07H 19/00
- (11) WO 2004/096824 (13) A2
- (21) PCT/PL2004/000030
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) P.359949 2 May/mai 2003 PL (02.05.2003)
- (30) P.360228 20 May/mai 2003 PL (20.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NUCLEOSIDE DERIVATIVE, MODIFIED OLIGONUCLEOTIDE, METHOD FOR THEIR SYNTHESIS AND APPLICATIONS THEREOF
• DERIVE DE NUCLEOSIDE, OLIGONUCLEOTIDE MODIFIÉ, PROCÉDE DE SYNTHÈSE DE CES DÉRIVIERS ET APPLICATIONS ASSOCIÉES
- (71) **CENTRUM MIKROBIOLOGII I WIRUSOLOGII POLSKIEJ AKADEMII NAUK** [PL/PL]; ul. Lodowa 106, PL-93-232 Lodz (PL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LESNIKOWSKI, Zbigniew, J.** [PL/PL]; ul. Beli Bartoka 27, m. 12, PL-92-546 Lodz (PL). **OLEJNICZAK, Agnieszka** [PL/PL]; ul. Smocza 17/18, PL-93-520 Lodz (PL).
- (74) **WITEK, Rafal;** Witek, Twardowska, Sniezko, rzeczniczy Patentowi - sp.p., ul. Rudolfa Weigla 12, PL-53-114 Wroclaw (PL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/00
- (11) WO 2004/096826 (13) A2
- (21) PCT/IB2004/001297
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) it (26) en
- (30) MI2003A000860 29 Apr/avr 2003 IT (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR SELECTIVE INHIBITION OF HUMAN N-MYC GENE IN N-MYC EXPRESSING TUMORS THROUGH ANTISENSE AND ANTIGEN PEPTIDO-NUCLEIC ACIDS (PNA)
• PROCÉDE POUR L'INHIBITION SELECTIVE DU GENE HUMAIN N-MYC DANS LES TUMEURS EXPRIMANT N-MYC AU MOYEN DE PROTEINES PNA ANTISENS ET ANTIGENIQUES
- (71) **UNIVERSITA' DEGLI STUDI DI BOLOGNA** [IT/IT]; Via Zamboni, 33, I-40126 Bologna (IT). **UNIVERSITA' DEGLI STUDI DI PARMA** [IT/IT]; Via Università, 12, I-43100 Parma (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TONELLI, Roberto** [IT/IT]; Via dello Sport, 19, I-40057 Granarolo dell'Emilia (Bologna) (IT). **FRONZA, Raffaele** [IT/IT]; Via Monte Tessa, 3, I-39012 Merano (Bolzano) (IT). **PESSION, Andrea** [IT/IT]; Via Tavernari, 3, I-40137 Bologna (IT). **SFORZA, Stefano** [IT/IT]; Borgo Collegio Maria Luigia, 19, I-43100 Parma (IT). **CORRADINI, Roberto** [IT/IT]; Via S. Filippo, 9, I-42100 Reggio Emilia (IT). **MARCHELLI, Rosangela** [IT/IT]; Via Emilia Est, 20, I-43100 Parma (IT).
- (74) **MARGUTTI, Roberto;** Bugnion S.p.A., Viale Lancetti, 17, I-20158 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 C07H 21/02, 21/04, C12N 5/04, 5/14, 15/48, 15/867
- (11) WO 2004/096827 (13) A2
- (21) PCT/US2003/014667
- (22) 9 May/mai 2003 (09.05.2003)
- (25) en (26) en
- (30) 10/395,607 24 Mar/mar 2003 US (24.03.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PLANT RETROELEMENTS AND METHODS RELATED THERETO
• RETROÉLÉMENTS DE PLANTES ET PROCÉDÉS CORRESPONDANTS
- (71) IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 310 Lab of Mechanics, Iowa State University, Ames, IA 50011-2131 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WRIGHT, David, A. [US/US]; 403 West 2nd Street, Boone, IA 50036-4017 (US). VOYTAS, Daniel, F. [US/US]; 3108 Maplewood Road, Ames, IA 50014 (US).
- (74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07J 1/00
- (11) WO 2004/096828 (13) A2
- (21) PCT/FR2004/001010
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) fr (26) fr
- (30) 03/05221 29 Apr/avr 2003 FR (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NOVEL METHOD AND INTERMEDIATES FOR THE PREPARATION OF 19-NOR-STEROID COMPOUNDS
• NOUVEAU PROCÉDE ET INTERMÉDIAIRES DE PRÉPARATION DE COMPOSES 19-NOR-STÉROÏDES

- (71) AVENTIS PHARMA S.A. [FR/FR]; 20, avenue Raymond Aron, F-92160 Antony (FR).
- (72) PRAT, Denis; 20 bis, rue Jules Auffret, F-93500 Pantin (FR). MORATILLE, Christian; 8, rue de l'Ormerie, F-94360 Bry sur Marne (FR). BENEDETTI, Françoise; 2, allée de la 2ème D. B., F-93110 Rosny sous Bois (FR). NAIT-BOUDA, Lahlou; 18, avenue Marx Dormoy, F-93140 Bondy (FR).
- (74) ROUSSEAU, Pierick; AVENTIS PHARMA S.A., Direction Brevets, 20, avenue Raymond Aron, F-92165 Antony Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07J 21/00
- (11) WO 2004/096829 (13) A2
- (21) PCT/FR2004/001011
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) fr (26) fr
- (30) 03/05222 29 Apr/avr 2003 FR (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NOVEL METHOD AND INTERMEDIATES FOR THE PREPARATION OF 19-NOR-STERIODS-17-HALOGEN COMPOUNDS
• NOUVEAU PROCÉDE ET INTERMÉDIAIRES DE PRÉPARATION DE COMPOSES 19-NOR-STÉROÏDES-17-HALOGENES
- (71) AVENTIS PHARMA S.A. [FR/FR]; 20, avenue Raymond Aron, F-92160 Antony (FR).
- (72) NIQUE, François; 1 bis, rue du Bac, F-94170 Le Perreux (FR). MORATILLE, Christian; 8, rue de l'Ormerie, F-94360 Bry sur Marne (FR). ROUSSEL, Patrick; 49, avenue du Président Roosevelt, F-94320 Thiais (FR). BOUSQUET, Joëlle; 7, rue Saint Amour, F-69003 Lyon (FR).
- (74) ROUSSEAU, Pierick; AVENTIS PHARMA S.A., Direction Brevets, 20, avenue Raymond Aron, F-92165 Antony Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 C07J 43/00
- (11) WO 2004/096830 (13) A1
- (21) PCT/EP2004/004629
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 03009725.7 30 Apr/avr 2003 EP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYNTHESIS OF SOLANUM GLYCOSIDES
• SYNTHÈSE DE GLYCOSIDES DE SOLANUM
- (71) GLYCOMED SCIENCES (UK) LIMITED [GB/GB]; c/o Consolidated Capital Limited, 288 Broadgate, London EC2M 4QP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHAHID, Mohammed [GB/GB]; Dex-tra Laboratories, Ltd., University of Reading, Earley Gate, Whiteknights Road, Reading RG6 6BZ (GB).
- (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 C07K
- (11) WO 2004/096831 (13) A2
- (21) PCT/EP2004/004630
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 03009938.6 30 Apr/avr 2003 EP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF PRODUCING THREE-DIMENSIONAL STRUCTURES USING MOTOR PROTEINS
• PROCÉDE DE PRODUCTION DE STRUCTURES TRIDIMENSIONNELLES AU MOYEN DE PROTEINES MOTEURS
- (71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Berlin (DE). TECHNISCHE UNIVERSITÄT DRESDEN [DE/DE]; Max Bergmann Zentrum für Biomaterialien, Gruppe BNS, Budapester Strasse 27, 01169 Dresden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIEZ, Stefan** [DE/DE]; Ermelstrasse 15, 01277 Dresden (DE). **REUTHER, Cordula** [DE/DE]; An der Telle 5, 01259 Dresden (DE). **HOWARD, Jonathon** [AU/DE]; Mendelsohnallee 23, 01309 Dresden (DE). **SEIDEL, Ralf** [DE/DE]; TU Dresden, Max Bergmann Zentrum für Biomaterialien, Gruppe BNS, Budapester Strasse 27, 01169 Dresden (DE). **MERTIG, Michael** [DE/DE]; TU Dresden, Max Bergmann Zentrum für Biomaterialien, Gruppe BNS, Budapester Strasse 27, 01169 Dresden (DE). **POMPE, Wolfgang** [DE/DE]; TU Dresden, Max Bergmann Zentrum für Biomaterialien, Gruppe BNS, Budapester Strasse 27, 01169 Dresden (DE). **BERGMANN, Max** [DE/DE]; TU Dresden, Max Bergmann Zentrum für Biomaterialien, Gruppe BNS, Budapester Strasse 27, 01169 Dresden (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096832** (13) A2

(21) PCT/US2004/013170

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,502 **29 Apr/avr 2003 US (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL ANTIANGIOGENIC PEPTIDES
• NOUVEAUX PEPTIDES ANTI-ANGIOGENIQUES

(71) **CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 55 Shattuck Street, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSES, Marsha, A.** [US/US]; 64 Dean Road, Brookline, MA 02146 (US). **FER-NANDEZ, Cecilia, A.** [US/US]; 7 Craft Place, Jamaica Plain, MA 02130 (US).

(74) **RESNICK, David, S.** et al. / etc.; Nixon Peabody LLP, 100 Summer 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 C07K 1/06, C12N 5/16, 5/06

(11) **WO 2004/096833** (13) A2

(21) PCT/US2004/012590

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,659 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INDUCERS OF RECOMBINANT PROTEIN EXPRESSION

• INDUCTEURS D'EXPRESSION DE PROTEINE DE RECOMBINAISON

(71) **IMMUNEX CORPORATION** [US/US]; Law Department, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLEN, Martin J** [US/US]; 8612 - 21st Avenue N.W., Seattle, Washington 98117 (US). **REDDY, Pranhitha** [IN/US]; 6811 - 18th Avenue N.E., Seattle, Washington 98115 (US). **BOYCE, James P** [US/US]; 11911 - 105th Avenue N.E., Kirkland, Washington 98034 (US). **FITZNER, Jeffrey N** [US/US]; 18534 Burke Avenue North, Seattle, Washington 98133 (US).

(74) **FOWLER, Kathleen**; Immunex Corporation, 1201 Amgen Court West, Seattle, Washington 98119-3105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 C07K 1/14, 14/435

(11) **WO 2004/096834** (13) A1

(21) PCT/AU2004/000574

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 2003902066 **1 May/mai 2003 AU (01.05.2003)**

(30) 60/478,654 **13 Jun/juin 2003 US (13.06.2003)**

(30) 60/542,438 **6 Feb/fév 2004 US (06.02.2004)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTRACTION PROCESS FOR A PHARMACEUTICAL PRODUCT

• PROCEDE D'EXTRACTION D'UN PRODUIT PHARMACEUTIQUE

(71) **NORIKI HOLDINGS PTY LTD** [AU/AU]; 12 Bage Street, Nundah, Queensland 4012 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANICKAVASAGAM, Bhanu** [AU/AU]; 5 Tamarix Street, Chapel Hill, Queensland 4069 (AU).

(74) **GRIFFITH HACK**; Level 10, 167 Eagle Street, GPO Box 3125, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 4/00, 2/00, 7/00, 14/00, 16/00, 17/00, G01N 33/536, 33/543, 33/566, 33/53, C07H 21/02, 21/04, A61K 39/00, 39/002, 39/005, 39/008, 39/38, 38/00, C12N 15/09, 1/20, C12P 21/06

(11) **WO 2004/096835** (13) A1

(21) PCT/US2003/009532

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NEMATODE PPPT-LIKE SEQUENCES
• SEQUENCES DE TYPE PPPT DE NEMATODES

(71) **DIVERGENCE, INC.** [US/US]; 893 N. Warson Road, Nidus Center, St. Louis, MO 63141 (US).

(72) **KLOEK, Andrew. P.**; 4525 Lindell Boulevard, Apartment 1103, St. Louis, MO 63108 (US). **WILLIAMS, Deryck, Jeremy**; 6242 Southwood Avenue, Apartment 2S, St. Louis, MO 63105 (US). **SALMON, Brandy**; 2008 Englewood Avenue, Durham, NC 27705 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 5/10, 5/08, 5/06, 5/103, 5/083, 5/093, 5/072, A23L 1/226

(11) WO 2004/096836 (13) A1

(21) PCT/JP2004/005589

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-122569 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-137713 15 May/mai 2003 JP
(15.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL GLYCOPEPTIDE OR PEPTIDE CAPABLE OF IMPARTING RICH TASTE AND METHOD OF IMPARTING RICH TASTE TO FOOD THEREWITH
• NOUVEAU GLYCOPEPTIDE OU PEPTIDE APTE A APPORTER UN GOUT RICHE ET PROCEDE D'AROMATISATION DE LA NOURRITURE

(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) IWASAKI, Takeshi [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). MIYAMURA, Naohiro [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). KURODA, Motonaka [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP). KOHMURA, Masanori [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 2108681 (JP).

(74) SHIMOKOSHI, Masao et al. / etc.; 9th Fl., Taka-ai Bldg., 15-2, Nihombashi 3-chome, Chuo-ku, Tokyo 1030027 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 7/02

(11) WO 2004/096837 (13) A1

(21) PCT/KR2004/000804

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ko (26) en

(30) 10-2003-0027735 30 Apr/avr 2003 KR
(30.04.2003)

(30) 10-2004-0018506 18 Mar/mar 2004 KR
(18.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VITAMIN C DERIVATIVES WITH PEPTIDE, PREPARATION METHOD THEREOF AND COMPOSITION COMPRISING THE SAME

• DERIVES DE VITAMINE C A PEPTIDE, LEUR METHODE DE PREPARATION ET COMPOSITION LES CONTENANT

(71, 72) CHOI, Ho Il [KR/KR]; # 108-901, Hanul Apt., Shinsong-dong, Yuseong-ku, Daejeon 305-707 (KR).

(72, 75) KIM, Sun Young [KR/KR]; # 207-405, Chungsol Apt., Songgang-dong, Yuseong-ku, Daejeon 305-752 (KR). KIM, Heung Jae [KR/KR]; # 102-508, Hansol Apt., Songgang-dong, Yuseong-ku, Daejeon 305-803 (KR). CHOI, Jung Woo [KR/KR]; 390-2(301), Doryong-dong, Yuseong-ku, Daejeon 305-740 (KR).

(74) SON, Min; 19th Floor, City Air Tower, 159-9, Samsung-dong, Kangnam-gu, Seoul 135-973 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 7/06, 7/08, 14/00

(11) WO 2004/096838 (13) A1

(21) PCT/EP2003/004641

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TEMPLATE-FIXED PEPTIDOMIMETICS AS MEDICAMENTS AGAINST HIV AND CANCER

• PEPTIDOMIMETIQUES FIXES SUR MATRICE, UTILISES COMME MEDICAMENTS CONTRE LE VIH ET LE CANCER

(71) POLYPHOR AG [CH/CH]; Gewerbestrasse 14, CH-4123 Allschwil (CH). UNIVERSITÄT ZÜRICH [CH/CH]; Rämistrasse 71, CH-8006 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZUMBRUNN, Jürg [CH/CH]; Hofackerstrasse 48, CH-8964 Rudolfstetten (CH). DEMARCO, J., Steven [US/CH]; Hubwiesstrasse 8, CH-8427 Freienstein (CH). LOCIURO, Sergio [IT/CH]; Righistrasse 3, CH-8700 Küsnacht (CH). VRIJBLOED, Jan, Wim [NL/CH]; Vorhaldenstrasse 14, CH-8049 Zürich (CH). GOMBERT, Frank [DE/DE]; Am Rebhang 20, 79588 Huttingen (DE). MUKHERJEE, Reshmi [IN/CH]; Tulpenstrasse 16, CH-8051 Zürich (CH). MOEHLE, Kerstin [DE/CH]; Oberhausenstrasse 23, CH-8907 Wettswil (CH). OBRECHT, Daniel [CH/CH]; Im Eichacker 21, CH-4112 Bättwil (CH). ROBINSON, John, Anthony [GB/CH]; Tobelstrasse

24, CH-8615 Wermatswil (CH). ROMAGNOLI, Barbara [IT/CH]; Neubrunnenstrasse 182, CH-8046 Zürich (CH).

(74) BRAUN, André; Braun & Partner, Reusstrasse 22, CH-4054 Basel (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 7/64, 1/04, A61K 38/12

(11) WO 2004/096839 (13) A1

(21) PCT/EP2003/004640

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TEMPLATE-FIXED BETA-HAIRPIN PEPTIDOMIMETICS WITH CXCR4 ANTAGONIZING ACTIVITY

• PEPTIDOMIMETIQUES DE BETA-HAIRPIN FIXES SUR MATRICE PRESENTANT UNE ACTIVITE ANTAGONISTE DE CXCR4

(71) POLYPHOR AG [CH/CH]; Gewerbestrasse 14, CH-4123 Allschwil (CH). UNIVERSITÄT ZÜRICH [CH/CH]; Rämistrasse 71, CH-8006 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZUMBRUNN, Jürg [CH/CH]; Hofackerstrasse 48, CH-8964 Rudolfstetten (CH). DEMARCO, J., Steven [US/CH]; Hubwiesstrasse 8, CH-8427 Freienstein (CH). LOCIURO, Sergio [IT/CH]; Righistrasse 3, CH-8700 Küsnacht (CH). VRIJBLOED, Jan, Wim [NL/CH]; Vorhaldenstrasse 14, CH-8049 Zürich (CH). GOMBERT, Frank [DE/DE]; Am Rebhang 20, 79588 Huttingen (DE). MUKHERJEE, Reshmi [IN/CH]; Tulpenstrasse 16, CH-8051 Zürich (CH). MOEHLE, Kerstin [DE/CH]; Oberhausenstrasse 23, CH-8907 Wettswil (CH). OBRECHT, Daniel [CH/CH]; Im Eichacker 21, CH-4112 Bättwil (CH). ROBINSON, John, Anthony [GB/CH]; Tobelstrasse 24, CH-8615 Wermatswil (CH).

(74) BRAUN, André; Braun & Partner, Reusstrasse 22, CH-4054 Basel (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C07K 7/64, 1/04, A61K 38/12

(11) WO 2004/096840 (13) A1

(21) PCT/EP2004/004535

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) PCT/EP03/04640 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TEMPLATE- FIXED BETA-HAIRPIN
PEPTIDOMIMETICS WITH CXCR4
ANTAGONIZING ACTIVITY

• PEPTIDOMIMETIQUES EN EPINGLE
A CHEVEUX SG(B) FIXES SUR UNE
MATRICE A ACTIVITE ANTAGO-
NISTE A CXCR4

(71) POLYPHOR AG [CH/CH]; Gewerbestrasse
14, CH-4123 Allschwil (CH). UNIVER-
SITÄT ZÜRICH [CH/CH]; Rämistr 71,
CH-8006 Zürich (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZUMBRUNN, Jürg [CH/CH]; Ho-
fackerstrasse 48, CH-8964 Rudolfstetten
(CH). DEMARCO, Steven, J. [US/CH];
Hubwiesstr. 8, CH-8427 Freienstein
(CH). MUKHERJEE, Reshmi [IN/CH];
Tulpenstrasse 16, CH-8051 Zürich (CH).
MOEHLE, Kerstin [DE/CH]; Oberhausen-
strasse 23, CH-8907 Wettswil (CH). ROBIN-
SON, John, Anthony [GB/CH]; Tobelstrasse
24, CH-8615 Wermatswil (CH). HENZE,
Heiko [DE/CH]; Probusweg 5, CH-8057
Zürich (CH). ROMAGNOLI, Barbara
[IT/CH]; Neubrunnstrasse 182, CH-8046
Zürich (CH). LOCIURO, Sergio [IT/CH];
Tulpenweg 18, CH-4153 Reinach (CH).
VRIJBLOED, Jan, Wim [NL/CH]; Im-
bisbühlstrasse 133, CH-8049 Zürich (CH).
GOMBERT, Frank [DE/DE]; Am Rebhang
20, 79588 Huttingen (DE). OBRECHT,
Daniel [CH/CH]; Im Eichacker 21, CH-4112
Bättwil (CH). LUDIN, Christian [DE/CH];
Traugott Meyerstrasse 8, CH-4147 Aesch
(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 C07K 14/15, 14/47, A61K 38/16, G01N
33/574

(11) WO 2004/096841 (13) A1

(21) PCT/EP2004/004624

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 03291067.1 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GLUT-1 AS A RECEPTOR FOR HTLV
ENVELOPES AND ITS USES

• GLUT-1 COMME RECEPTEUR POUR
LES ENVELOPPES HTLV ET SES UTI-
LISATIONS

(71) 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) UNIVERSITE MONTPELLIER II
[FR/FR]; Place Eugène Bataillon, F-34095
Montpellier Cedex 5 (FR). BATTINI,
Jean-Luc, Georges, Laurent [FR/FR];
Villa Joséphine, Bâtiment C, 161, rue du
Pioch de Boutonnet, F-34090 Montpellier
(FR). MANEL, Nicolas, Gabriel, Albert
[FR/FR]; 11, rue Robert Desnos, F-34070
Montpellier (FR). KIM, Felix, Jinhyun
[KR/US]; 11453 Larmier Circle, San Diego,
CA 92131 (US). KINET, Sandrina [BE/FR];
Rue du Château, F-34570 Montarnaud (FR).
TAYLOR, Naomi [US/FR]; 17, rue de Lou-
vain, F-34000 Montpellier (FR). SITBON,
Marc [FR/FR]; 17, rue de Louvain, F-34000
Montpellier (FR).

(74) GROSSET-FOURNIER, Chantal et al. /
etc.; Grosset-Fournier & Demachy Sàrl, 54,
rue Saint-Lazare, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 14/165, C12N 15/11, A61K 39/215

(11) WO 2004/096842 (13) A2

(21) PCT/CA2004/000626

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,783 28 Apr/avr 2003 US
(28.04.2003)

(30) 60,466,733 1 May/mai 2003 US
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SARS VIRUS NUCLEOTIDE AND
AMINO ACID SEQUENCES AND
USES THEREOF

• SEQUENCES DE NUCLEOTIDES ET
D'ACIDES AMINES DU VIRUS DU
SRAS, ET UTILISATIONS ASSOCIEES

(71) BC CANCER AGENCY [CA/CA]; Suite
200, 601 West Broadway, Vancouver, British
Columbia V5Z 4C2 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PLUMMER, Frank [CA/CA]; 66
Waterloo, Winnipeg, Manitoba R3N 0S2
(CA). FELDMANN, Heinz [DE/CA]; 155
Terrance Place, Winnipeg, Manitoba R2E
0H8 (CA). JONES, Steven [GB/CA]; 137
Westchester Drive, Winnipeg, Manitoba R3P
2G6 (CA). LI, Yan [CA/CA]; 59 Forestgate
Avenue, Winnipeg, Manitoba R3P 2L3 (CA).
BASTIEN, Nathalie [CA/CA]; 2501-170
Hargrave Street, Winnipeg, Manitoba R3C
3H4 (CA). BRUNHAM, Robert [CA/CA];
1919 Whyte Avenue, Vancouver, British
Columbia V6J 1B4 (CA). BROOKS-WIL-
SON, Angela [CA/CA]; 7100 Langton Road,
Richmond, British Columbia V7C 4B2 (CA).
HOLT, Robert [CA/CA]; 1601 Appin Road,
North Vancouver, British Columbia V7J 2T7
(CA). UPTON, Christopher [CA/CA]; 4427
Emily Carr Drive, Victoria, British Columbia
V8X 4M2 (CA). ROPER, Rachel [US/US];
754 Gatewood Drive, Winterville, NC 28590
(US). ASTELL, Caroline [CA/CA]; 4832
Blenheim Street, Vancouver, British Co-
lumbia V6L 3A7 (CA). JONES, Steven
[GB/CA]; 1361 Wynbrook Place, Burnaby,
British Columbia V5A 3Y6 (CA).

(74) KINGWELL, Brian, G. et al. / etc.; Smart
& Biggar, Box 11560, Vancouver Centre,
Suite 2200, 650 West Georgia Street, Van-
couver, British Columbia V6B 4N8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 14/32, C12N 15/54, 9/12, C07K
19/00, A61K 45/00, 47/42, 47/48, A61P
43/00

(11) WO 2004/096843 (13) A1

(21) PCT/JP2004/006344

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-125917 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLYPEPTIDE CAPABLE OF ASSISTING DIGESTIVE ORGAN ABSORPTION

• POLYPEPTIDE FAVORISANT L'ABSORPTION PAR LE SYSTEME DIGESTIF

(71, 72) NAKATSUGAWA, Shigekazu [JP/JP]; 706, Rail-city Tsurumai, 2-30, Fukiage 1-chome, Chikusa-ku, Nagoya-shi, Aichi 464-0856 (JP).

(72, 75) NAKAMURA, Hideaki [JP/JP]; Shiga Jutaku 610, 5-10, Shiga-cho, Kita-ku, Nagoya-shi, Aichi 462-0037 (JP).

(74) NISHIZAWA, Toshio; Three F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/435, C12N 15/12, A61K 38/17, 39/35

(11) WO 2004/096844 (13) A2

(21) PCT/DK2004/000280

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) PA 2003 00628 25 Apr/avr 2003 DK (25.04.2003)

(30) PA 2003 01093 21 Jul/juil 2003 DK (21.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GROUP 1 MITE POLYPEPTIDE VARIANTS

• VARIANTS DE POLYPEPTIDES D'ACARIENS DU GROUPE 1

(71) NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).

(72) SONI, Nanna, Kristensen; Århus Plads 6, 3. tv., DK-2100 Copenhagen Ø (DK). FRIIS, Esben, Peter; Langagervej 15, 2. tv., DK-2500 Valby (DK). ROGGEN, Erwin, Ludo; Asavænget 14, DK-2800 Lyngby (DK). LYGSTRAND, Stina, Thulesen; Fresiavej 12, DK-2970 Hørsholm (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/435

(11) WO 2004/096845 (13) A2

(21) PCT/EP2004/004807

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03101202.4 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BETA-AMYLOID INHIBITORS AND USE THEREOF

• INHIBITEURS DE BETA-AMYOIDE ET LEUR UTILISATION

(71) APPLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, NL-Curaçao (AN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARBERO, Luca [IT/IT]; V. Dei Cappuccini, 6/A, I-10034 Chivasso (IT). ESPOSITO, Pierandrea [IT/IT]; Via Lago S. Michele, 12/B, I-10015 Ivrea (IT). TRAVERSA, Silvio [IT/IT]; Regione Mulini, 74, I-10010 Palazzo Canavese (IT).

(74) SERONO INTERNATIONAL S.A.; Intellectual Property, 12, chemin des Aulx, CH-1228 Plan-Les-Ouates (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/435

(11) WO 2004/096846 (13) A2

(21) PCT/US2004/012354

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,149 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A NOVEL REGULATOR OF ENDOTHELIAL CELL FUNCTION AND VESSEL REMODELING

• NOUVEAU REGULATEUR DES FONCTIONS DES CELLULES ENDOTHELIALES ET DU REMODELAGE VASCULAIRE

(71, 72) SESSA, William, C. [US/US]; 4 Richborough Rd., Madison, CT 06443 (US). ACEVEDO, Lisette [US/US]; 750 Whitney Ave., #B7, New Haven, CT 06511 (US).

(74) HALEY, James, F., Jr. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47, C12N 15/00, 5/10, 5/06, G01N 33/50

(11) WO 2004/096847 (13) A1

(21) PCT/EP2004/004335

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 19 073.2 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIAGNOSTIC IMPORTIN-A HAVING AN INACTIVATED SELF-INHIBITING DOMAIN

• IMPORTINE \$G(A) A DOMAINE AUTONHIBITEUR INACTIVE POUR DIAGNOSTIC

(71) GSF-FORSCHUNGSZENTRUM FÜR UMWELT UND GESUNDHEIT, GMBH [DE/DE]; Ingolstädter Landstrasse 1, 85764 Neuherberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEISTERERNST, Michael [DE/DE]; Jakobusstrasse 3 1/2, 82131 Stockdorf (DE). BLAZEK, Erik [DE/DE]; Filchnerstrasse 50, 81476 München (DE).

(74) SCHÜSSLER, Andrea; Huber & Schüssler, Truderinger Strasse 246, 81825 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/47

(11) WO 2004/096848 (13) A2

(21) PCT/US2004/011338

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/466,612 29 Apr/avr 2003 US (29.04.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NOVEL COMPOSITION AND METHODS FOR THE TREATMENT OF IMMUNE DISORDERS
• NOUVELLE COMPOSITION ET NOUVELLES METHODES DE TRAITEMENT DE TROUBLES IMMUNITAIRES
- (71) GENENTECH, INC. [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BALDWIN, Daryl [US/US]; 1595 Euclid Avenue, Berkeley, CA 94708 (US). CLARK, Hilary [US/US]; 1504 Noe Street, San Francisco, CA 94131 (US). CHIU, Henry [US/US]; 2334 20th Avenue, San Francisco, CA 94116 (US). FEDOROW-ICZ, Grazyna [US/US]; Apt. 7, 18 Hayward Avenue, Foster City, CA 94401 (US). FONG, Sherman [US/US]; 19 Basinside Way, Alameda, CA 94502 (US). GRIMALDI, J., Christopher [US/US]; 1434 36th Avenue, San Francisco, CA 94122 (US). OUYANG, Wenjun [CN/US]; 1057 Galley Lane, Foster City, CA 94404 (US). WILLIAMS, P. Mickey [US/US]; 509 Alto Avenue, Half Moon Bay, CA 94019 (US).
- (74) CARPENTER, David et al. / etc.; MS 49, 1 DNA Way, South San Francisco, CA 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/52, C12N 15/19, A61K 38/19, A61P 9/00
- (11) WO 2004/096850 (13) A1
- (21) PCT/EP2004/003856
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) de (26) de
- (30) 03010014.3 2 May/mai 2003 EP (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR THE PRODUCTION OF AN N-TERMINALLY MODIFIED CHEMOTACTIC FACTOR
• PROCEDE DE PRODUCTION D'UN FACTEUR CHIMIOACTIQUE A DOMAINE N-TERMINAL MODIFIE
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).
(for all designated States except / pour tous les États désignés sauf DE US)
- (71) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).
(only for / seulement pour DE)
- (72, 75) WANDL, Robert [AT/AT]; Landstrasse Hauptstrasse 10//101, A-1030 Wien (AT). NECINA, Roman [AT/AT]; Schillgasse 32/18, A-1210 Wien (AT). SEIDLER, Randolph [DE/US]; 4 Lester Road, Sandy Hook, CT 06482 (US). MARTIN [DE/DE]; Promenade 23, 89073 Ulm (DE). DOODS, Henri [DE/DE]; Freiherr-von-Koenig-Strasse 6, 88447 Warthausen (DE).
- (74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 Ingelheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 14/555, C12N 15/20
- (11) WO 2004/096852 (13) A1
- (21) PCT/CN2004/000374
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) zh (26) zh
- (30) 03123299.x 25 Apr/avr 2003 CN (25.04.2003)
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/52, C12N 15/09, A61K 38/22, A61P 5/38, 29/00, 35/00, 37/06, 37/08
- (11) WO 2004/096851 (13) A1
- (21) PCT/JP2004/006212
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-124452 28 Apr/avr 2003 JP (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GALECTIN 9-INDUCING FACTOR
• FACTEUR D'INDUCTION DE LA GALECTINE 9
- (71) GALPHARMA CO., LTD. [JP/JP]; NEXT KAGAWA room 203, Navigator for Emergence of Excellent Technology, 2217-44, Hayashi-cho, Takamatsu-shi, Kagawa 761-0301 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRASHIMA, Mitsuomi [JP/JP]; 884-3-302, Fuseishi-cho, Takamatsu-shi, Kagawa 761-8071 (JP). NISHI, Nozomu [JP/JP]; 605-10, Oaza Shishibuse, Miki-cho, Kita-gun, Kagawa 761-0703 (JP). YAMAUCHI, Akira [JP/JP]; 1927-5-701, Yashimanishi-machi, Takamatsu-shi, Kagawa 761-0113 (JP). YOSHIDA, Naoko [JP/JP]; 3946, Kita-cho, Takamatsu-shi, Kagawa 760-0080 (JP). SEKI, Masako [JP/JP]; 1-25, Hakuzan 1-chome, Kumamoto-shi, Kumamoto 862-0959 (JP).
- (74) MIZUNO, Akinobu; Lions Mansion Shibuya Dogenzaka, 303, 22-12, Maruyama-cho, Shibuya-ku, Tokyo 150-0044 (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/52
- (11) WO 2004/096849 (13) A2
- (21) PCT/CA2004/000610
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 60/465,276 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PEPTIDE-BASED CYTOKINE/CHEMOKINE VACCINES AGAINST ALLERGY
• VACCINS PEPTIDIQUES A BASE DE CYTOKINES/CHIMIOKINES CONTRE L'ALLERGIE
- (71) UNIVERSITY OF MANITOBA [CA/CA]; 631 Drake Centre, Winnipeg, Manitoba R3T 5V4 (CA). MANITOBA INSTITUTE OF CHILD HEALTH [CA/CA]; 513A John Buhler Research Centre, 715 McDermot Avenue, Winnipeg, Manitoba R3T 1C9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHODS FOR RECOMBINANT IMMUNOGLOBULIN TREATMENT
- PROCÉDES ET COMPOSITIONS PERMETTANT DE MODULER LE RECEPTEUR 54 COUPLE A UNE PROTEINE G
- (71) WYETH [US/US]; 5 Giralda Farms, New Jersey, MA 07940 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FOLLETTIE, Maximilian, T. [US/US]; 12 Greensbrook Way, Belmont, MA 02478 (US).
- (74) ENGELLENNER, Thomas, J. et al. / etc.; Nutter, McClennen & Fish, LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 14/80
- (11) WO 2004/096857 (13) A2
- (21) PCT/GB2004/001864
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 10/426,058 30 Apr/avr 2003 US (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CRYSTALS OF CYTOCHROME P450 2C9, STRUCTURES THEREOF AND THEIR USE
- CRYSTAUX DE CYTOCHROME P450 2C9, LEURS STRUCTURES ET LEUR UTILISATION
- (71) ASTEX TECHNOLOGY LIMITED [GB/GB]; 436 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0QA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILLIAMS, Pamela [GB/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0QA (GB). COSME, Jose [FR/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0QA (GB). VINKOVIC, Dijana, Matak [HR/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0QA (GB). MURRAY, Chris [GB/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0QA (GB). JHOTI, Harren [GB/GB]; Astex Technology Limited, 436 Cambridge Science Park, Milton Road, Cambridge Cambridgeshire CB4 0QA (GB).
- (74) BRASNETT, Adrian 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 19/00, C12N 15/62, C12P 21/02, 21/08, A61K 38/16, G01N 33/48, 33/566, 33/68
- (11) WO 2004/096859 (13) A1
- (21) PCT/JP2004/006189
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-124352 28 Apr/avr 2003 JP (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CHAPERONINE-TARGET PROTEIN COMPLEX, METHOD OF PRODUCING THE SAME, METHOD OF STABILIZING TARGET PROTEIN, METHOD OF IMMOBILIZING TARGET PROTEIN, METHOD OF ANALYZING THE STRUCTURE OF TARGET PROTEIN, SUSTAINED-RELEASE PREPARATION AND METHOD OF PRODUCING ANTIBODY AGAINST TARGET PROTEIN
- COMPLEXE DE CHAPERONINE/PROTEINE CIBLE, SON PROCEDE DE PRODUCTION, PROCEDE DE STABILISATION DE PROTEINE CIBLE, PROCEDE D'IMMOBILISATION DE PROTEINE CIBLE, PROCEDE D'ANALYSE DE LA STRUCTURE DE PROTEINE CIBLE, PREPARATION A LIBERATION PROLONGEE ET PROCEDE DE PRODUCTION D'ANTICORPS CONTRE UNE PROTEINE CIBLE

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5308565 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDENO, Akira [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). HATA, Jun-ichi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). TOGI, Akiko [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). FURUTANI, Masahiro [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP).

(74) FUJITA, Takashi; Matsui Bldg. 5F, 10-17, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 5300044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 19/00, C12N 15/62, C12P 21/02, C07K 14/195, C12N 15/31, 1/21

(11) WO 2004/096860 (13) A1

(21) PCT/JP2004/006191

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124354 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-124355 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-421442 18 Dec/déc 2003 JP (18.12.2003)

(30) 2003-421443 18 Dec/déc 2003 JP (18.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF PRODUCING TARGET PROTEIN, FUSED PROTEIN AND GENE THEREOF, PARTIAL SEQUENCE PROTEIN OF INTEIN AND GENE THEREOF, EXPRESSION VECTOR AND TRANSFORMANT

• PROCEDE DE PRODUCTION DE PROTEINE CIBLE, PROTEINE FUSIONNEE ET SON GENE, PROTEINE A SEQUENCE PARTIELLE D'INTEIN ET SON GENE, VECTEUR D'EXPRESSION ET TRANSFORMANT

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5308565 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOGI, Akiko [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP). FURUTANI, Masahiro [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka 6188589 (JP).

(74) FUJITA, Takashi; Matsui Bldg. 5F, 10-17, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 5300044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08B 30/00, C07K 14/00, C12N 15/82, A01H 5/00, A23L 1/0522

(11) WO 2004/096861 (13) A1

(21) PCT/NL2004/000290

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03076300.7 2 May/mai 2003 EP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MODIFYING THE SIZE AND/OR MORPHOLOGY OF STARCH GRANULES

• PROCEDE POUR MODIFIER LA TAILLE ET/OU LA MORPHOLOGIE DES GRANULES D'AMIDON

(71) COÖPERATIEVE VERKOOP- EN PRODUCTIE- VERENIGING VAN AARDAPPELMEEL EN DERIVATEN AVEBE B.A. [NL/NL]; Beneden Oosterdiep 27, NL-9641 JA Veendam (NL). WAGENINGEN UNIVERSITEIT [NL/NL]; Costerweg 50, NL-6701 BH Wageningen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE VETTEN, Nicolaas, Clemens, Maria, Henricus [NL/NL]; Tonny van Leeuwenlaan 41, NL-9731 KH Groningen (NL). HEERES, Paul [NL/NL]; Noorderdiep 137, NL-7876 CG Valthemond (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 C08B 37/00

(11) WO 2004/096862 (13) A2

(21) PCT/CA2004/000666

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/467,146 2 May/mai 2003 US (02.05.2003)

(30) 60/477,048 10 Jun/juin 2003 US (10.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVED EXTRATION AND PURIFICATION METHOD FOR CEREAL β -GLUCAN

• PROCEDE AMELIORE D'EXTRACTION ET DE PURIFICATION DE GLUCANE-SG(B) DE CEREALES

(71) CEAPRO INC. [CA/CA]; 4046 EDC, University of Alberta, 8303-114 Street, Edmonton, Alberta T6G 2E1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REDMOND, Mark, J. [CA/CA]; 1160492 Avenue, Edmonton, Alberta T6C 1B3 (CA). FIELDER, David, A. [CA/CA]; 9911-68 Street, Edmonton, Alberta T6A 2S6 (CA).

(74) ERRATT, Judy, A. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08B 37/08

(11) WO 2004/096863 (13) A1

(21) PCT/KR2003/001092

(22) 3 Jun/juin 2003 (03.06.2003)

(25) ko (26) en

(30) 10-2003-0028331 2 May/mai 2003 KR (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PURIFICATION OF HIGH MOLECULAR HYALURONIC ACID

• PROCEDE DE PURIFICATION D'ACIDE HYALURONIQUE A POIDS MOLECULAIRE ELEVE

(71, 72) **YANG, Hyun Ik** [KR/KR]; #1223-1402 Mokryeon Apt., 1091, Sanbon-dong,, Gunpo-si,, Gyeonggi-do 435-040 (KR).

(72, 75) **KORNILOVA, Alla Aleksandrovna** [RU/RU]; 27-21, 5th St., Ryamskovo Polya, Moscow, 125040 (RU).

(74) **SHINSUNG PATENT FIRM**; 2F, Line Bldg., 823-30, Yeoksam-dong,, Kangnam-ku,, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08C**

(11) **WO 2004/096864** (13) A2

(21) PCT/US2004/012508

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 60/464,988 **24 Apr/avr 2003** US (24.04.2003)

(30) 10/630,240 **30 Jul/juil 2003** US (30.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RUBBER COMPOSITION CONTAINING A SILICA DISPERSION AGENT
• COMPOSITION DE CAOUTCHOUC CONTENANT UN AGENT DE DISPERSION DE SILICE

(71) **EKT TECHNOLOGIES, LLC** [US/US]; P.O. Box 369, Barberton, OH 44203 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRADLEY, Robert** [US/US]; 5129 Maple Heights Drive, Medina, OH 44256 (US). **DATTA, Rabin** [NL/NL]; Haarmansend 75, NL-7433 HL Schalkhaar (NL).

(74) **DUNLEAVY, Kevin, J.**; Knoble Yoshida & Dunleavy, LLC, Suite 1350, 8 Penn Center, 1628 John F. Kennedy Boulevard, 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 **C08C 19/20, C08L 9/00, C08K 5/18, C08L 19/00, C08K 3/36, B60C 1/00**

(11) **WO 2004/096865** (13) A2

(21) PCT/EP2004/004510

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) fr (26) fr

(30) 03/05305 **29 Apr/avr 2003** FR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OBTAINING AN ELASTOMER GRAFT WITH FUNCTIONAL GROUPS ALONG THE CHAIN AND RUBBER COMPOSITIONS
• PROCEDE D'OBTENTION D'UN ELASTOMERE GREFFE A GROUPES FONCTIONNELS LE LONG DE LA CHAÎNE ET COMPOSITION DE CAOUTCHOUC

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).
(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Paccot (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GANDON-PAIN, Sylvie** [FR/FR]; 44, rue des Gravouses, F-63100 Clermont-Ferrand (FR).

(74) **HIEBEL, Robert**; M. F. P. Michelin, 23, place des Carmes Dechaux, SGD/LG/PI-F35 - Ladoux, F-63040 Clermont-Ferrand 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).

(51)⁷ **C08F**

(11) **WO 2004/096866** (13) A2

(21) PCT/US2004/012565

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/423,363 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESSES FOR RECOVERING OLIGOMERS OF GLYCOLS AND POLYMERIZATION CATALYST FROM WASTE STREAMS
• PROCEDES POUR RECUPERER DES OLIGOMERES DE GLYCOLS ET UN

CATALYSEUR DE POLYMERISATION DE FLUX DE DECHETS

(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) **SUNKARA, Hari, Babu** [US/US]; 3 Fritz Court, Hockessin, DE 19707 (US). **CAVALL, James, Richard** [US/US]; 26 North Wynwyd Drive, Newark, DE 19711 (US). **GOUDIE, William, Wayne** [US/US]; 146 Beverly Drive, Kennett Square, PA 19348 (US).

(74) **KULLER, Mark, D.**; E.I. Du Pont De Nemours and Company, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08F 2/00, 2/24, 4/18, 4/24, 10/04, 10/14, 110/14, 210/14**

(11) **WO 2004/096867** (13) A1

(21) PCT/US2003/009869

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • UTILITY CONDUIT RESIN
• RESINE POUR CONDUITES DE SERVICES PUBLICS

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOWLES, Thomas, W.** [US/US]; 1902 Roseneath Drive, Baton Rouge, LA 70806 (US).

(74) **GRIFFIS, Andrew, B.**; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/00, 2/24, 4/18, 4/24, 10/04, 10/14, 110/14, 210/14

(11) WO 2004/096868 (13) A1

(21) PCT/US2003/009870

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RESIN FOR EXTRUDED PIPE
• RESINE POUR TUYAU EXTRUDE

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROGER, Scott, T. [US/US]; 3660 Westervelt Avenue, Baton Rouge, LA 70820 (US). TOWLES, Thomas, W. [US/US]; 1902 Rosecath Drive, Baton Rouge, LA 70806 (US). SPECA, Anthony, N. [US/US]; 4306 Hill Forest Drive, Kingwood, TX 77345 (US). KATZEN, Stanley, J. [US/US]; 3111 Belle Cherie, Baton Rouge, LA 70820 (US).

(74) GRIFFIS, Andrew, B.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 2/00, 2/01, 2/46

(11) WO 2004/096869 (13) A1

(21) PCT/US2004/007075

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/426,110 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR CREATING MICRO-SPHERE POLYMERS AND PARTICLES
• PROCEDE DE CREATION DE POLYMERES ET DE PARTICULES EN MICROSOPHERES

(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) LEPKOWSKI, Thaddeus [US/US]; 6998 Kingsbury Road, Dearborn Heights, MI 48127 (US). SCHANG, Craig [US/US]; 7251 Autumn Wood Drive, Brighton, MI 48116 (US). OHRBOM, Walter [US/US]; 13938 Plover, Hartland Township, MI 48353 (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 :

(t) for all designations / pour toutes les désignations

(51)⁷ C08F 4/00

(11) WO 2004/096870 (13) A1

(21) PCT/JP2004/005989

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-121223 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PRODUCTION OF LIVING-RADICAL POLYMERS AND POLYMERS

• PROCEDE DE PRODUCTION DE POLYMERES ET DE POLYMERES A RADICAUX VIVANTS

(71) OTSUKA CHEMICAL CO., LTD. [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAGO, Shigeru [JP/JP]; 15-605, Ichijoji-sagarimatsu-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-8152 (JP). YOSHIDA, Junichi [JP/JP]; 6-18, Higashikorimoto-machi, Hirakata-shi, Osaka 573-0076 (JP). KAMESHIMA, Takashi [JP/JP]; c/o Otsuka Chemical Co., Ltd., Research & Technical Center, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP).

(74) TAMURA, Iwao; 9-22, Terauchi 1-chome, Toyonaka-shi, Osaka 561-0872 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 4/38, 14/06, 2/18, B01J 19/00

(11) WO 2004/096871 (13) A1

(21) PCT/EP2004/004500

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en

(26) en

(30) 03076390.8 1 May/mai 2003 EP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INCREASED POLYMERIZATION REACTOR OUTPUT BY USING A SPECIFIC INITIATOR SYSTEM

• RENDEMENT ACCRU D'UN REACTEUR DE POLYMERISATION DU A L'UTILISATION D'UN SYSTEME SPECIFIQUE D'INITIATEURS

(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) WESTMIJZE, Hans [NL/NL]; Burg. Boreellaan 1, NL-7437 BB Bathmen (NL). MEULENBRUGGE, Lambertus [NL/NL]; De Gemeint 11, NL-6931 HZ Westervoort (NL). VANDUFFEL, Koen, Antoon, Cornelis [BE/NL]; Stevinhof 18, NL-7424 AH Deventer (NL). VAN SWIETEN, Andreas, Petrus [NL/NL]; Reinaldstraat 6, NL-6883 HM Velp (NL).

(74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 20/04

(11) WO 2004/096872 (13) A1

(21) PCT/US2003/032172

(22) 9 Oct/oct 2003 (09.10.2003)

(25) en (26) en

(30) 60/417,591 10 Oct/oct 2002 US (10.10.2002)

(30) 10/625,890 23 Jul/juil 2003 US (23.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STABILIZATION OF TRANSITION METAL COMPLEXES FOR CATALYSIS IN DIVERSE ENVIRONMENTS

• STABILISATION DE COMPLEXES DE METAUX DE TRANSITION POUR LA CATALYSE DANS DES ENVIRONNEMENTS DIVERS

(71) CARNEGIE MELLON UNIVERSITY [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).

(72) MATYJASZEWSKI, Krzysztof; 9 Queens Court, Pittsburgh, PA 15238 (US).

TSAREVSKY, Nicolay, V.; 321 Melwood #206, Pittsburgh, PA 15213 (US).

(74) PIKE, Bernard, G.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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)⁵ C08F 138/00, C07B 57/00

(11) WO 2004/096873 (13) A1

(21) PCT/JP1993/001284

(22) 9 Sep/sep 1993 (09.09.1993)

(25) ja (26) ja

(30) 5-215606 31 Aug/août 1993 JP (31.08.1993)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICALLY ACTIVE ACETYLENE POLYMER, FILM THEREOF, AND OPTICAL RESOLUTION WITH THE SAME

• POLYMERE ACETYLENE A ACTIVITE OPTIQUE, FILM A BASE DUDIT POLYMERE ET RESOLUTION OPTIQUE A L'AIDE DUDIT FILM POLYMERE

(71, 72) OIKAWA, Eizo [JP/JP]; 8-9 Shin-nakahama 1-chome, Niigata-shi, Niigata 950-21 (JP). AOKI, Toshiki [JP/JP]; 14-14 Uchinoyamate 1-chome, Niigata-shi, Niigata 950-21 (JP). SHINOHARA, Kenichi [JP/JP]; 127, Imainishicho, Nakahara-ku, Kawasaki-shi, Kanagawa 221 (JP). KOKAI, Masayuki [JP/JP]; 28, Konegishi, Kawanishimachi, Nakauonuma-gun, Niigata 948-01 (JP).

(74) FURUYA, Kaoru et al. / etc.; Nihonbashi TM Building, 1-8-11, Nihonbashi-Horidomecho, Chuo-ku, Tokyo 103 (JP).

(81) US.

Published / Publiée : (e): 12Sep/sep 1995 (12.09.1995), 5449728

(51)⁷ C08F 210/00, 210/02, 210/14

(11) WO 2004/096874 (13) A1

(21) PCT/US2004/007595

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/465,133 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COPOLYMERS OF ETHYLENE AND 1-HEPTENE

• COPOLYMERES D'ETHYLENE ET DE 1-HEPTENE

(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) HAGEN, Henk, H. [NL/NL]; Kassandradreef 13, NL-3561 EK Utrecht (NL). VAN DER HEIJDEN, Lambertus, P., P., M. [NL/NL]; Zaanstraat 27, NL-4535 GL Terneuzen (NL).

(74) HOPPE, James, T.; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 220/12, 220/14, C08L 33/06, 71/02, C08K 5/56

(11) WO 2004/096875 (13) A1

(21) PCT/JP2004/005516

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-122951 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REACTIVE MODIFIER

• MODIFICATEUR REACTIF

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku Osaka-shi Osaka, 5308288 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UEDA, Kazuhiko [JP/JP]; 6-31-17, Shioya-cho, Tarumi-ku, Kobe-shi Hyogo, 6550872 (JP). KOMITSU, Shintaro [JP/JP]; 3-15, Umei 2-chome, Takasago-shi Hyogo, 6760074 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 C08F 283/12, C08G 77/34

(11) WO 2004/096876 (13) A1

(21) PCT/JP2004/005345

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-123751 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING POLY-ORGANOSILOXANE-CONTAINING RESIN

• PROCEDE DE PRODUCTION DE RESINE CONTENANT DU POLYORGANOSILOXANE

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAEGUSA, Kazunori [JP/JP]; 302, 5-19, Nakajima-cho 2-chome, Suma-ku, Kobe-shi, Hyogo, 6540035 (JP). YOSHIMI, Tomoyuki [JP/JP]; 373-2, Komiya, Harima-cho, Kako-gun, Hyogo, 6750163 (JP). TONE, Hiroshi [JP/JP]; 404, 856, Higashi-futami, Futami-cho, Akashi-shi, Hyogo, 856404 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 C08F 290/06, 4/70

(11) WO 2004/096877 (13) A1

(21) PCT/JP2004/005040

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-124905 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLYOLEFIN GRAFT COPOLYMER OBTAINED BY USING LATE TRANSITION METAL COMPLEX COORDINATION POLYMERIZATION CATALYST AND METHOD FOR PRODUCING SAME

• COPOLYMERE GREFFE POLYOLEFINIQUE OBTENU VIA UN CATALYSEUR DE POLYMERISATION PAR COORDINATION DE COMPLEXE DE METAL A ETAT DE TRANSITION TAR-DIF ET PROCEDE D'UTILISATION

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAMOTO, Harumi** [JP/JP]; 1-8-28-401, Torikaiwadou Settsu-shi, Osaka, 5660073 (JP). **FUKUI, Yoshifumi** [JP/JP]; 2-21-1-905, Kamishinden Toyonaka-shi, Osaka, 5600085 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08F 290/06, C08G 59/17, 18/62, H01M 8/02**

(11) **WO 2004/096878** (13) A1

(21) PCT/JP2004/006302

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-125092 **30 Apr/avr 2003 JP (30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **CURING RESIN COMPOSITION**
• COMPOSITION DE RESINE DURCIS-SABLE

(71) **DAINIPPON INK AND CHEMICALS, INC.** [JP/JP]; 35-58, Sakashita 3-chome, Itabashik-ku, Tokyo 174-8520 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUMURA, Takashi** [JP/JP]; 3-10-99-107, Tsuruyamadai, Izumi-shi, Osaka 594-0013 (JP). **TOMIYAMA, Takashi** [JP/JP]; 665-3-3-904, Sechigo, Kaizuka-shi, Osaka 597-0041 (JP). **HARADA, Tetsuya** [JP/JP]; 1-22-37, Momoyamadai, Sakai-shi, Osaka 590-0141 (JP).

(74) **SHIGA, Masatake** et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08F 297/06**

(11) **WO 2004/096879** (13) A1

(21) PCT/JP2004/005926

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-122245 **25 Apr/avr 2003 JP (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **PROCESS FOR PRODUCING BLOCK COPOLYMER**

• PROCEDE DE PRODUCTION DE CO-POLYMERE BLOC

(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) **KAITA, Shojiro** [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). **WAKATSUKI, Yasuo** [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). **DOI, Yoshiharu** [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).

(74) **KAWAGUCHI, Yoshiyuki** et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo, 1030004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C08G**

(11) **WO 2004/096880** (13) A2

(21) PCT/US2004/010369

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 10/425,150 **29 Apr/avr 2003 US (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **CURABLE RESINOUS COMPOSITIONS FOR FORMING SOFT, ABRASION-RESISTANT REFLECTIVE COATING COMPOSITIONS FOR FABRIC**

• COMPOSITIONS RESINEUSES DURCIS-SABLES POUR LA FORMATION DE COMPOSITIONS DE REVETEMENT POUR TISSU REFLECHISSANTES, DOUCES ET RESISTANTES A L'ABRASION

(71) **PRIZMALITE INDUSTRIES, INC.** [US/US]; 405 Lexington Avenue, 9th Floor, New York, NY 10174 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **ANDREWS, John, W.**; 165 Bradley Corners Road, Madison, CT 06443 (US).

(74) **GREEN, Clarence, A.** et al. / etc.; 425 Post Road, 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 **C08G 2/10**

(11) **WO 2004/096881** (13) A1

(21) PCT/JP2004/006327

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-126385 **1 May/mai 2003 JP (01.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **RESIN MATERIAL FOR FORMED ARTICLE HAVING PROFILE CROSS SECTION**

• MATÉRIAU RÉSINIQUE POUR ARTICLE FORMÉ À SECTION TRANSVERSALE PROFILÉE

(71) **POLYPLASTICS CO., LTD.** [JP/JP]; 18-1, Konan 2-chome, Minato-ku, Tokyo, 108-8280 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKAWA, Hidetoshi** [JP/JP]; c/o Polyplastics Co., Ltd., 973, Miyajima, Fuji-shi, Shizuoka, 4168533 (JP). **IKEDA, Daisaku** [JP/JP]; c/o Polyplastics Co., Ltd., 973, Miyajima, Fuji-shi, Shizuoka, 4168533 (JP).

(74) **FURUYA, Satoshi** et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo, 1030007 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 18/36, 18/42, 18/48**

(11) **WO 2004/096882** (13) A1

(21) PCT/US2004/012427

(22) **21 Apr/avr 2004 (21.04.2004)**

- (25) en (26) en
- (30) 60/465,685 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • VEGETABLE OIL BASED POLY-
OLS AND POLYURETHANES MADE
THEREFROM
• HUILE VEGETALE A BASE DE POLY-
OLS ET POLYURETHANES CONÇUS
A PARTIR DE CELLE-CI
- (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) LYSENKO, Zenon [US/US]; 214 West
Meadowbrook Drive, Midland, MI 48640
(US). SCHROCK, Alan, K. [US/US]; 204
River Oaks Drive, Lake Jackson, TX 77566
(US). BABB, David, A. [US/US]; 202
Live Oak Lane, Lake Jackson, TX 77566
(US). SANDERS, Aaron [US/US]; 3503
Corbett Court, Missouri City, TX 77459
(US). TSAVALAS, John [US/US]; 4815
Claremont Street Apartment 2, Midland, MI
48642 (US). JOUETT, Ray [US/US]; 15726
Spring Forest Drive, Houston, TX 77059
(US). CHAMBERS, Larry [US/US]; 15511
Poplar Springs, Houston, TX 77062 (US).
KEILLOR, Charles [US/US]; 55 South
Callalily Court, Lake Jackson, TX 77566
(US). GILCHRIST, James, H. [US/US];
376 Roxalana Hills Drive, Dunbar, WV
25064 (US).
- (74) NILSEN, Kevin, J.; 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).

Published / Publiée : (c)

- (51)⁷ C08G 18/36, 18/42, 18/48
- (11) WO 2004/096883 (13) A1
- (21) PCT/US2004/012529
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,685 **25 Apr/avr 2003** US
(25.04.2003)
- (30) 60/465,663 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DOW GLOBAL TECHNOLOGIES INC
• MOUSSES POLYURETHANNE
CONÇUES A PARTIR DE POLY-
OLS POLYESTER RENFERMANT DE
L'HYDROXYMETHYLE

- (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) WILTZ, Eugene, Paul, Jr. [US/US];
105 Bougainvillea St., Brazoria, TX 77566
(US). LYSENKO, Zenon [CA/US]; 214
West Meadowbrook Drive, Midland, MI
48640 (US). AGUIRRE, Fabio [CO/CH];
36, Ch. de la Lechiare, CH-1233 Geneva
(CH). SANDERS, Aaron [US/US]; 3503
Corbett Court, Missouri City, TX 77459
(US). TSAVALAS, John [US/US]; 4815
Claremont Street Apartment 2, Midland, MI
48642 (US). BABB, David, A. [US/US]; 202
Live Oak Lane, Lake Jackson, TX 77566
(US). SCHROCK, Alan, K. [US/US]; 204
River Oaks Drive, Lake Jackson, TX 77566
(US).
- (74) COHN, Gary, C.; Gary C. Cohn PLLC,
4010 Lake of Washington Boulevard NE,
Suite 105, Kirkland, WA 98033 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

- (51)⁷ C08G 18/65, 18/40
- (11) WO 2004/096884 (13) A1
- (21) PCT/JP2004/005901
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-127247 **2 May/mai 2003** JP
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CROSSLINKABLE POLYURETHANE
COMPOSITIONS
• COMPOSITIONS DE POLYURETHANE
RETICULABLES
- (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) TSUCHIDA, Toshihiro [JP/JP]; c/o
Yokohama Plant, Bridgestone Corporation,
1, Kashio-cho, Totsuka-ku, Yokohama-shi,
Kanagawa, 2440812 (JP).
- (74) SHIGENO, Tsuyoshi; Nissin bldg. 9th
floor 5-10, Shinjuku 2-chome, Shinjuku-ku,
Tokyo, 1600022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 59/50, C08L 63/00

- (11) WO 2004/096885 (13) A1
- (21) PCT/JP2004/006126
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-123545 **28 Apr/avr 2003** JP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • RESIN COMPOSITION FOR PREPREG
• COMPOSITION DE RESINE POUR
PREIMPREGNE
- (71) THE YOKOHAMA RUBBER CO. LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku Tokyo, 1058685 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) IWATA, Mitsuhiro [JP/JP]; C/O The
Yokohama Rubber Co., LTD. Hiratsuka Fac-
tory 2-1, Oiwake, Hiratsuka City Kanagawa,
2548601 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C08G 63/183, 63/66, 63/12, A23G 3/30,
A61K 9/00

- (11) WO 2004/096886 (13) A1
- (21) PCT/EP2004/004484
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) de (26) de
- (30) 103 19 315.4 **29 Apr/avr 2003** DE
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • USE OF AN AMORPHOUS
POLYESTER AS A POLYMER BASE
FOR MASTICATORY SUBSTANCES
• UTILISATION D'UN POLYESTER
AMORPHE COMME BASE POLY-
MERE POUR DES PATES A MACHER
- (71) BASF AKTIENGESSELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Motonori** [JP/DE]; Tannhäusering 83-85, 68199 Mannheim (DE). **MACH, Helmut** [DE/DE]; Kaiserstr. 43, 69115 Heidelberg (DE). **HILLER, Margit** [DE/DE]; Friedhofsweg 2, 97753 Karlstadt (DE). **RATH, Hans, Peter** [DE/DE]; Friedhofstr. 7, 67269 Grünstadt (DE).

(74) **REITSTÖTTER, KINZEBACH & PARTNER (G&R)**; Ludwigsplatz 4, 67059 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 65/336, C08L 71/02, 33/04

(11) WO 2004/096887 (13) A1

(21) PCT/JP2004/005956

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-127367 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ORGANIC POLYMER CONTAINING REACTIVE SILICON GROUP

• POLYMERE ORGANIQUE A GROUPE SILICIUM REACTIF

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEDA, Kazuhiko** [JP/JP]; 6-31-17, Shioyacho, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). **HATTORI, Jun** [JP/JP]; Sun-amenity 205, 3-29, Hinodemachi, Arai-cho, Takasago-shi, Hyogo 676-0014 (JP). **KOMITSU, Shintaro** [JP/JP]; 3-15, Umei 2-chome, Takasago-shi, Hyogo 676-0074 (JP).

(74) **KANEKA CORPORATION**; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 65/44

(11) WO 2004/096888 (13) A1

(21) PCT/JP2004/006306

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-127382 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATALYSTS AND PROCESSES FOR PRODUCTION OF POLYMERS

• CATALYSEURS ET PROCÉDES DE PRODUCTION DE POLYMERES

(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) **UEDA, Mitsuru** [JP/JP]; c/o Tokyo Institute of Technology, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 (JP). **SHIBASAKI, Yuji** [JP/JP]; c/o Tokyo Institute of Technology, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 (JP). **NOMURA, Junko** [JP/JP]; c/o Tokyo Institute of Technology, 4259, Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-8503 (JP). **ISHIMARU, Ryuhei** [JP/JP]; c/o Tokyo Institute of Technology, 4259, Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-8503 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 65/48, 65/40, H01B 1/06, H01M 8/02

(11) WO 2004/096889 (13) A1

(21) PCT/JP2004/005920

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-123274 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AROMATIC-POLYETHER-TYPE ION-CONDUCTIVE ULTRAHIGH POLYMER, INTERMEDIATE THEREFOR, AND PROCESSES FOR PRODUCING THESE

• POLYMERE ULTRA-PUR CONDUCTEUR D'IONS DE TYPE POLYETHER AROMATIQUE, INTERMEDIAIRE ASSOCIE ET PROCÉDES DE PRODUCTION DE CES DERNIERS

(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) **ONODERA, Toru** [JP/JP]; 2-40-1-207, Kasuga, Tsukuba-shi, Ibaraki, 3050821 (JP). **SASAKI, Shigeru** [JP/JP]; 3-3-4-305, Hanabatake, Tsukuba-shi, Ibaraki, 3003261 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMP GH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 69/04, 69/16, 69/38

(11) WO 2004/096890 (13) A1

(21) PCT/US2004/011733

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/424,696 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR REDUCING CAPROLACTAM AND ITS OLIGOMERS IN NYLON-6 PRE-POLYMER

• PROCÉDE PERMETTANT DE DIMINUER LE CAPROLACTAME ET LES OLIGOMERES DE CELUI-CI DANS UN PREPOLYMER DU NYLON-6

(71) **E. I. DU PONT 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) **ALSOP, Albert, W.** [US/US]; 2 Bradley Drive, Wilmington, Delaware 19803 (US). **CAMP, Carl, E.** [US/US]; 1118 Bardell drive, Wilmington, Delaware 19808 (US). **IWASYK, John, M.** [US/US]; 106 Oldbury Drive, Wilmington, Delaware 19808 (US). **RAJAGOPALAN, Dilip** [US/US]; 30 Ridgeview Drive, Newtown Square, Pennsylvania 19073 (US).

(74) **KRUKIEL, Charles, E.**; Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C08G 69/44, C08L 77/12

(11) WO 2004/096891 (13) A1

(21) PCT/JP2004/005806

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-121372 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-327512 19 Sep/sep 2003 JP
(19.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AMORPHOUS WHOLLY AROMATIC
POLYESTER AMIDE AND COMPOSI-
TIONS CONTAINING THE SAME

• AMIDE POLYESTER 100 % AROMA-
TIQUE ET AMORPHE ET COMPOSI-
TIONS LE CONTENANT

(71) POLYPLASTICS CO. LTD. [JP/JP]; 18-1,
Konan 2-chome, Minato-ku, Tokyo 108-8280
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOKOTA, Toshiaki [JP/JP]; c/o Poly-
plastics Co., Ltd., 973, Miyajima, Fuji-shi,
Shizuoka, 4168533 (JP). NAKANE, Toshio
[JP/JP]; c/o Polyplastics Co., Ltd., 973,
Miyajima, Fuji-shi, Shizuoka, 4168533 (JP).
SAKAMOTO, Katsutoshi [JP/JP]; c/o Poly-
plastics Co., Ltd., 973, Miyajima, Fuji-shi,
Shizuoka, 4168533 (JP). SHIWAKU, Toshio
[JP/JP]; c/o Polyplastics Co., Ltd., 973,
Miyajima, Fuji-shi, Shizuoka, 4168533 (JP).
OHTAKE, Mineo [JP/JP]; c/o Polyplastics
Co., Ltd., 973, Miyajima, Fuji-shi, Shizuoka,
4168533 (JP).

(74) FURUYA, Satoshi et al. / etc.; Hamacho-
Hanacho Building 6th Floor, 2-17-8, Nihon-
bashi-Hamacho, Chuo-ku, Tokyo, 1030007
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C08G 81/00, C12N 15/00

(11) WO 2004/096892 (13) A1

(21) PCT/JP2004/005746

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-122965 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUNCTIONAL POLYMER HAVING
FUNCTION OF TRAPPING SUB-
STANCE, REAGENT KIT FOR SUB-
STANCE TRAPPING INCLUDING THE
POLYMER, AND METHOD OF RE-
COVERING SUBSTANCE WITH THE
POLYMER

• POLYMERE FONCTIONNEL PRESEN-
TANT UNE FONCTION DE PIEGEAGE
DE SUBSTANCE, TROUSSE DE REAC-
TIF POUR PIEGEAGE DE SUBSTANCE
COMPRENANT CE POLYMERE, ET
PROCEDE DE RECUPERATION D'UNE
SUBSTANCE AU MOYEN DUDIT PO-
LYMERE

(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) KAKEHI, Kazuaki HAYASHI,
Tomonori KINOSHITA, Mitsuhiro N-
AKANISHI, Yasuharu

(74) HARA, Kenzo; HARAKENZO WORLD
PATENT & TRADEMARK PATENT LAW
FIRM, Daiwa Minamimorimachi Building,
2-6, Tenjinbashi 2-chome Kita, Kita-ku, Os-
aka-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).

(51)⁷ C08G 85/00

(11) WO 2004/096893 (13) A2

(21) PCT/EP2004/003389

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 18 747.2 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING VACUUM
IN THE PRODUCTION OF POLYMERS
• PROCEDE D'OBTENTION DE VIDE
LORS DE LA PRODUCTION DE POLY-
MERES

(71) ZIMMER AKTIENGESELLSCHAFT
[DE/DE]; Borsigallee 1, 60388 Frankfurt am
Main (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KÄMPF, Rudolf [DE/DE]; Pfarrgasse
22, 63584 Gründau (DE).

(74) MEYER-DULHEUER, Karl-Hermann;
Metzlerstr. 27, 60594 Frankfurt am Main
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51) C08J

(11) WO 2004/096894 (13) A2

(21) PCT/EP2004/003456

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 18 934.3 26 Apr/avr 2003 DE
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOULDED ARTICLE CONTAINING
CLADDED CORE PARTICLES

• CORPS MOULES RENFERMANT
DES PARTICULES A ENROBAGE
DU NOYAU

(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) HELLMANN, Goetz, Peter [DE/DE];
Huxelrebenweg 72, 55129 Mainz (DE).
RUHL, Tilmann, Eberhard [DE/DE];
Mozartstrasse 10, 64347 Griesheim (DE).
WINKLER, Holger [DE/DE]; Römerstrasse
63a, 64291 Darmstadt (DE).

(74) MERCK PATENT GMBH; Frankfurter
Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C08J

(11) WO 2004/096895 (13) A2

(21) PCT/EP2004/004162

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 19 738.9 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE PRODUCTION OF AQUEOUS POLYELECTROLYTE COMPLEX DISPERSIONS, AND USE THEREOF FOR INCREASING THE WATER RESISTANCE OF PAPER, PAPERBOARD, AND CARDBOARD

• PROCEDE DE FABRICATION DE DISPERSIONS AQUEUSES DE COMPLEXES DE POLYELECTROLYTES, ET LEUR UTILISATION POUR AUGMENTER LA RESISTANCE A L'ETAT HUMIDE DU PAPIER ET DU CARTON

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAMP, Simon [GB/DE]; Luitpoldstrasse 114B, 67063 Ludwigshafen (DE). AUWETER, Helmut [DE/DE]; Lessingstrasse 35, 67117 Limburgerhof (DE). LEDUC, Marc [CA/DE]; Muehlturnstrasse 50, 67346 Speyer (DE). NÖRNERBERG, Ralf [DE/DE]; Turnierstrasse 45, 55218 Ingelheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J

(11) WO 2004/096896 (13) A2

(21) PCT/US2003/028091

(22) 5 Sep/sep 2003 (05.09.2003)

(25) en (26) en

(30) 60/408,557 6 Sep/sep 2002 US (06.09.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICROFABRICATION OF POLYMER MICROPARTICLES

• MICROFABRICATION DE MICROPARTICULES POLYMERES

(71, 72) HANSFORD, Derek. J. [US/US]; 6075 Glenmount Avenue, Columbus, OH 43214 (US). JINGJIAO, Guan [US/US]; 2041 College Road, Columbus, OH 43210 (US).

(74) MILLER, Courtney, J.; 1100 Fifth Third Center, 21 East State Street, Columbus, OH 43215 (US).

(81) AE AG AL 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 C08J 3/22

(11) WO 2004/096897 (13) A1

(21) PCT/JP2004/006195

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125095 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MASTERBATCH PELLET MIXTURE

• MELANGE MAITRE DE PASTILLES

(71) DAINIPPON INK AND CHEMICALS, INC. [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTAKE, Haruo [JP/JP]; 95-1, Imaizumi, Ageo-shi, Saitama 362-0047 (JP). TOMITA, Yoshirou [JP/JP]; 2-2-35-A-3, Shinjuku, Tatebayashi-shi, Gumma 374-0026 (JP). UCHIMI, Hideki [JP/JP]; 19-54-201, Sakae-cho, Tatebayashi-shi, Gumma 374-0052 (JP). NAKAYAMA, Youko [JP/JP]; 10-25-406, Nakasoujiji-cho, Ibaraki-shi, Osaka 567-0803 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08J 5/18, B42D 15/10, B41M 5/40, B32B 7/02 // C08L 101:00

(11) WO 2004/096898 (13) A1

(21) PCT/JP2004/006096

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-123175 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSFER FOIL SUPPORTING BODY, TRANSFER FOIL, AND ID CARD MANUFACTURING METHOD

• CORPS SUPPORT DE FEUILLE DE TRANSFERT, FEUILLE DE TRANSFERT ET PROCEDE DE FABRICATION DE CARTE D'IDENTITE

(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) HATTORI, Ryoji [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 C08J 7/02

(11) WO 2004/096899 (13) A1

(21) PCT/JP2004/000232

(22) 15 Jan/jan 2004 (15.01.2004)

(25) ja (26) ja

(30) 2003-123828 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR REMOVING ACID COMPONENT IN DETERIORATED ACETATE FILM

• PROCEDE PERMETTANT D'ELIMINER UNE COMPOSANTE ACIDE DANS UNE PELLICULE D'ACETATE DETERIOREE

(71) NIHON UNIVERSITY [JP/JP]; 8-24, Kudan-Minami 4-Chome, Chiyoda-ku Tokyo, 1028275 (JP). KOKUSAI MICROFILM CO., INC. [JP/JP]; 4-3, Tansumachi, Shinjuku-ku Tokyo, 1620833 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAWAGUCHI, Takashi [JP/JP]; c/o Nihon University, 8-24, Kudan-Minami 4-Chome, Chiyoda-ku Tokyo, 1028275 (JP). YANO, Shoichiro [JP/JP]; c/o Nihon University, 8-24, Kudan-Minami 4-Chome, Chiyoda-ku Tokyo, 1028275 (JP). MORI-MATSU, Yoshitaka [JP/JP]; 5, Tansumachi, Shinjuku-ku Tokyo, 1620833 (JP). SAKAKI, Mitsuru [JP/JP]; 2-2-8-106, Tairamachi, Meguro-ku Tokyo, 1520032 (JP).

(74) TAKAGI, Chiyoshi et al. / etc.; Subaru Patent Office, Kojimachi Koyo Bldg., 10, Kojimachi 1-chome, Chiyoda-ku Tokyo, 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

- MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08J 9/00
- (11) WO 2004/096900 (13) A1
- (21) PCT/KR2004/000970
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ko (26) en
- (30) 10-2003-0027876 30 Apr/avr 2003 KR (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FOAMING PLASTIC BODY WHICH HAS EXCELLENT INCOMBUSTIBILITY
- CORPS DE PLASTIQUE EN MOUSSE AUX EXCELLENTE PROPRIETES DE NON COMBUSTIBILITE
- (71) KYUNG DONG CERATECH CO., LTD. [KR/KR]; 19-5 Baekseokpo-ri, Yeongin-myeon, Asan-si, Chungcheongnam-do 336-821 (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YU, Gi-Hong [KR/KR]; #202-301, Hansin village, Gajeong 3-dong, Seo-gu, Incheon 404-754 (KR). LEE, Hong-Jae [KR/KR]; #103-1406, Halladongback 2 APT., Simbang-dong, Cheonan 330-768 (KR).
- (74) KIM, Hijoan; #1604, Honor's ville, 1380-1, Dunsan-dong, Seo-gu, Daejeon 302-831 (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096902 (13) A2
- (21) PCT/US2004/009580
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 10/424,024 25 Apr/avr 2003 US (25.04.2003)
- (30) 10/424,112 25 Apr/avr 2003 US (25.04.2003)
- (30) 10/423,204 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANTIMICROBIAL PRE-VULCANIZED RUBBER COMPOSITIONS AND ANTIMICROBIAL VULCANIZED RUBBER ARTICLES
- COMPOSITION A BASE DE CAOUTCHOUC VULCANISE ANTIMICROBIEN ET ARTICLES EN CAOUTCHOUC VULCANISE ANTIMICROBIEN
- (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) PATEL, Bhawan [GB/GB]; 27 Birkenhills Dr., Ladybridge, Bolton Lancashire BL3 4TX (GB). MORRIS, David L. [GB/GB]; 37 Tetlow Lane, Higher Broughton, Salford Greater Manchester M7 4BU (GB).
- (74) WENTZ, Brenda D.; 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096901 (13) A2
- (21) PCT/US2004/008894
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/424,025 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANTIMICROBIAL RESIN CURED RUBBER ARTICLES AND PRE-VULCANIZED COMPOSITIONS
- ARTICLES ANTIMICROBIENS EN CAOUTCHOUC POLYMERISE A BASE DE RESINE ET COMPOSITIONS PRE-VULCANISEES
- (71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, South Carolina 29303 (US).
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/00
- (11) WO 2004/096903 (13) A2
- (21) PCT/FR2004/001013
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) fr (26) fr
- (30) 03/05165 28 Apr/avr 2003 FR (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • THERMOPLASTIC MATERIAL COMPRISING NANOMETRIC LAMELLAR COMPOUNDS
- MATERIAU THERMOPLASTIQUE COMPRENANT DES COMPOSES LAMELLAIRES NANOMETRIQUES
- (71) RHODIA ENGINEERING PLASTICS S.R.L. [IT/IT]; Via 1° Maggio, 80, I-20020 Ceriano Laghetto (IT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATHIEU, Olivier [FR/FR]; 8, La Grande Terre, F-69970 Marennes (FR). ECHALIER, Bruno [FR/FR]; 13, boulevard du Montparnasse, F-75006 Paris (FR). LOUSTEAU, Bertrand [FR/FR]; 11, rue Coustou, F-75018 Paris (FR).
- (74) VALENTINO, Cédric; RHODIA SERVICES, Direction de la Propriété Industrielle, Centre de Recherches de Lyon, Boîte postale 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/41, 5/42, 5/17, 5/00
- (11) WO 2004/096904 (13) A1
- (21) PCT/EP2004/003486
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 103 18 910.6 26 Apr/avr 2003 DE (26.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • STABILISER SYSTEM FOR THE STABILISATION OF HALOGENATED POLYMERS
- SYSTEME DE STABILISATEURS SERVANT A STABILISER DES POLYMERES HALOGENES

(71) **CROMPTON VINYL ADDITIVES GMBH** [DE/DE]; Chemiestrasse 22, 68623 Lampertheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEHNER, Wolfgang** [DE/DE]; Wetzbach 34, 64673 Zwingenberg (DE). **FRIEDRICH, Hans-Helmut** [DE/DE]; Am Rauhenstein 8, 64686 Lautertal-Gadernheim (DE). **KUHN, Karl-Josef** [DE/DE]; Nibelungenstrasse 774, 64686 Lautertal-Gadernheim (DE). **HOPFMANN, Thomas** [DE/DE]; Benzstrasse 9, 68623 Lampertheim (DE).

(74) **CROMPTON VINYL ADDITIVES GMBH**; Gewerblicher Rechtsschutz, Chemiestrasse 22, 68623 Lampertheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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

(u) for / pour US only / seulement

(51)⁷ C08L

(11) WO 2004/096905 (13) A2

(21) PCT/US2004/012923

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,352 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADJUSTABLE COMPLIANT MECHANISM

• MECANISME ADAPTATIF AJUSTABLE

(71) **ARIZONA BOARD OF REGENTS, acting for and on behalf of ARIZONA STATE UNIVERSITY** [US/US]; P.O. Box 873511, Tempe, AZ 85287-3511 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGAR, Thomas, G.** [US/US]; 750 West Baseline Road #3149, Tempe, AZ

85283 (US). **NAHAR, Dhiraj, R.** [IN/US]; 1137 E. Orange Apt. #21, Tempe, AZ 85281 (US).

(74) **DAO, Tom, H.;** Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00, C11D 3/00, 3/22, 17/00

(11) WO 2004/096906 (13) A1

(21) PCT/GB2004/001456

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0309369.7 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THICKENABLE COMPOSITIONS

• EPAISSISSANTS

(71) **RECKITT BENCKISER HEALTHCARE (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) **BOYD, Matthew, John** [GB/GB]; Formulation Insights Research Group School of Pharmacy, Nottingham University, University Park, Nottingham NG7 2RD (GB). **MITCHELL, John, Richard** [GB/GB]; Food Structure Group, Division of Food Sciences, Nottingham University, Sutton Bonington Campus, Loughborough LE12 5RD (GB). **MELIA, Colin, David** [GB/GB]; Formulation Insights Research Group School of Pharmacy, Nottingham University, University Park, Nottingham NG7 2RD (GB). **JOLLIFFE, Ian, Gordon** [GB/GB]; Reckitt Benckiser Healthcare (UK) Limited, Dansom Lane, Hull HU8 7DS (GB). **DETTMAR, Peter, William** [GB/GB]; Tithe House, Tithe Barn Lane, Patrington, East Yorkshire HU12 0PE (GB). **HAMPSON, Frank, Chadwick** [GB/GB]; 93 Innmans Road, Hedon, East Yorkshire HU12 8HU (GB).

(74) **HALL, Marina 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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, 33/08, 71/00

(11) WO 2004/096907 (13) A1

(21) PCT/US2004/013696

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/424,877 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS CONTAINING ELASTOMERIC ETHYLENE OR (METH)ACRYLIC ESTER COPOLYMERS

• COMPOSITIONS CONTENANT DE L'ETHYLENE ELASTOMERE OU DES COPOLYMERES D'ESTER (METH)ACRYLIQUE

(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) **COHEN, Gordon, Mark** [US/US]; 627 Greythorne Road, Wynnewood, Pennsylvania 19096 (US). **DAWSON, Robert, Louis** [US/US]; 1220 Elderon Drive, Wilmington, Delaware 19808 (US). **HARRELL, Gerald, Rice** [US/US]; 1708 Forestdale Drive, Wilmington, Delaware 19803 (US). **FAI, Sampson, Chun** [CA/CA]; 211-573 Armstrong Road, Kingston, Ontario K7M 8J8 (CA). **MITCHELL, David, John** [CA/CA]; 242 Willingdon Avenue, Kingston, Ontario K7L 5A5 (CA).

(74) **SIEGELL, Barbara, C.;** 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 27/24 // 27/24, 55:00, 23:28

(11) WO 2004/096908 (13) A1

(21) PCT/JP2004/005578

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

- (30) 2003-122483 **25 Apr/avr 2003** JP
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CHLORINATED VINYL CHLORIDE RESIN COMPOSITION
• COMPOSITION DE RESINE DE CHLORURE DE VINYLE CHLOREE
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Takeyuki [JP/JP]; 4-3-21, Takasagochookihamacho, Takasago-shi, Hyogo 6760026 (JP).
- (74) KANEKA CORPORATION; Osaka-shi 2-4, Nakanoshima 3-chome, Kita-ku, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 59/00
- (11) WO 2004/096910 (13) A1
- (21) PCT/EP2004/004353
- (22) 24 Apr/avr 2004 (24.04.2004)
- (25) de (26) de
- (30) 103 19 740.0 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • POLYOXYMETHYLENE MOLDING COMPOUNDS
• MATIERES A MOULER A BASE DE POLYOXYMETHYLENE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAUERER, Wolfgang [DE/DE]; Marie-Juchacz-Weg 10, 67134 Birkenheide (DE). HEINEMANN, Johannes [DE/DE]; Bürgermeister-Fuchs-Strasse 10, 68169 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 C08L 55/02, C08K 5/00
- (11) WO 2004/096909 (13) A1
- (21) PCT/KR2004/001001
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) ko (26) en
- (30) 10-2003-0028214 **2 May/mai 2003** KR
(02.05.2003)
- (30) 10-2003-0034350 **29 May/mai 2003** KR
(29.05.2003)
- (30) 10-2003-0079499 **11 Nov/nov 2003** KR
(11.11.2003)
- (30) 10-2004-0010900 **19 Feb/fév 2004** KR
(19.02.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • THERMOPLASTIC RESIN COMPOSITION
• COMPOSITION DE RESINE THERMOPLASTIQUE
- (71) LG CHEM. LTD. [KR/KR]; LG Twin Tower, East Tower, 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHA, Jae-Hyung [KR/KR]; 104-1 Munji-dong, Yusong-gu, Daejeon 305-380 (KR). CHAE, Seung-Hun [KR/KR]; Gyeongseong Keunmaeul Apt. ., 105-1109 Galma 2-dong, Seo-gu, Daejeon 302-756 (KR). KIM, Seong-Lyong [KR/KR]; Expo Apt. 405-402, Jeonmin-dong, Yusong-gu, Daejeon 305-762 (KR). LEE, Jun-Tae [KR/KR]; 1025-24, Susong 4-ga, Suseong-gu, Daegu 706-836 (KR). YANG, Byung-Tae [KR/KR]; LG Dowonsatak
- 2-707, 435, Ansan-dong, Yeosu-si 555-050 (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 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 C08L 67/02
- (11) WO 2004/096912 (13) A1
- (21) PCT/JP2004/006198
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-127493 **2 May/mai 2003** JP
(02.05.2003)
- (30) 2003-171167 **16 Jun/juin 2003** JP
(16.06.2003)
- (30) 2003-171292 **16 Jun/juin 2003** JP
(16.06.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • POLYESTER RESIN COMPOSITION
• COMPOSITION DE RESINE POLYESTER
- (71) TORAY INDUSTRIES INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 1038666 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUOKA, Hideo [JP/JP]; 7-6, Azura 2-chome, Ichinomiya-shi, Aichi 4910835 (JP). HAMAGUCHI, Mitsushige [JP/JP]; 5-1-102, Kakeage 2-chome, Minami-ku, Nagoya-shi, Aichi 4570007 (JP). NISHIMURA, Toru [JP/JP]; 2608-1, Hirakogaoka, Midori-ku, Nagoya-shi, Aichi 4580826 (JP).
- (74) IWAMI, Tomonori; c/o Intellectual Property Department, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08L 71/02, 33/06, C08K 5/1535, 5/37, 5/41, 3/06

(11) WO 2004/096913 (13) A1

(21) PCT/JP2004/005752

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-127366 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RESIN COMPOSITION AND PROCESS FOR PRODUCING THE SAME

• COMPOSITION DE RESINE ET SON PROCEDE DE PRODUCTION

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP). UEDA, Kazuhiko [JP/JP]; 6-31-17, Shioyacho, Tarumi-ku, Kobe-shi, Hyogo 6750872 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTORI, Jun [JP/JP]; San-ameniti 205, 3-29, Araichohinodcho, Takasago-shi, Hyogo 6760014 (JP). KOMITSU, Shintaro [JP/JP]; 2-3-15, Umci, Takasago-shi, Hyogo 6760074 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 83/04, C08G 77/24, C09D 183/08

(11) WO 2004/096914 (13) A1

(21) PCT/DE2004/000925

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 954.3 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR PRODUCING FUNCTIONAL MATERIALS FOR THE PRODUCTION OF LOW-ENERGY STABLE COATINGS

• PROCEDES DE PRODUCTION DE MATERIAUX FONCTIONNELS SERVANT A REALISER DES REVETEMENTS A FAIBLE ENERGIE RESISTANTS

(71, 72) MEYER, Gerhard [DE/DE]; Alte Delogstrasse 26, 46483 Wesel (DE).

(74) JOSTARNDT - THUL; Brüsseler Ring 51, 52074 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C08L 95/00, C08K 5/20, C08L 25/00, 25/08, 25/16, 25/18

(11) WO 2004/096915 (13) A1

(21) PCT/EP2004/050634

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03076391.6 1 May/mai 2003 EP (01.05.2003)

(30) 03076726.3 2 Jun/juin 2003 EP (02.06.2003)

(30) 03104178.3 13 Nov/nov 2003 EP (13.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A COLORABLE COMPOSITION

• COMPOSITION POUVANT ETRE COLOREE

(71) KRATON POLYMERS RESEARCH B.V. [NL/NL]; Intellectual Property Services, PO Box 37666, NL-1030 BH Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TROMMELEN, Erik A.T. [NL/NL]; KRATON Polymers Research B.V., Badhuisweg 3, NL-1031 CM Amsterdam (NL). DAMEN, Jaques W.M. [NL/NL]; KRATON Polymers Research B.V., Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(74) KORTEKAAS, Marcel; KRATON Polymers Research B.V., Intellectual Property Services, P.O. Box 37666, NL-1030 BH 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 C08L 95/00, 23/04

(11) WO 2004/096916 (13) A1

(21) PCT/NL2004/000266

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 1023333 2 May/mai 2003 NL (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITION WHICH CONTAINS BITUMEN AND POLYETHYLENE

• COMPOSITION CONTENANT DE L'ASPHALTE ET DU POLYETHYLENE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRULS, Wilhelmus, Gerardus, Marie [NL/NL]; Graaf Wolterhoenstraat 32, NL-6243 BE Geulle (NL). REPIN, Johannes, Fredericus [NL/NL]; Klingbenden 177, NL-6441 KX Brunssum (NL).

(74) KRIJGSMAN, Willem; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 95/00, 23/08, 31/04, 53/02

(11) WO 2004/096917 (13) A1

(21) PCT/SG2003/000101

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PACKAGING FOR BITUMEN

• CONDITIONNEMENT POUR BITUME

(71) COSMIC ASPHALT TECHNOLOGY PTE. LTD [SG/SG]; 130 Pionner Road, Singapore 639587 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARCHAL, Jean-Luc, Albert, Vital [FR/SG]; 130 Thomson Road #03-06, Singapore 307682 (SG).

(74) NG KIM TEAN; Alain A Johns Partnership, P O Box 1861, Robinson Road Post Office, Singapore 903711 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ C08L 101/00, 59/00, 67/00, C08K 7/16

(11) WO 2004/096918 (13) A1

(21) PCT/EP2004/004496

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 745.1 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERMOPLASTIC PARTIALLY CRYSTALLINE MOLDING COMPOUND HAVING A REDUCED SURFACE LUSTER AND PRODUCTS MADE THEREFROM

• MATIERE A MOULER SEMI-CRISTALLINE THERMOPLASTIQUE PRESENTANT UN ECLAT SUPERFICIEL REDUIT ET PRODUITS REALISES AVEC CETTE MATIERE

(71) TICONA GMBH [DE/DE]; Professor-Staudinger-Strasse, 65451 Kelsterbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLAUSS, Joachim [DE/DE]; Schlossstrasse 74, 64297 Darmstadt-Eberstadt (DE). KÖSTLER, Christine [DE/DE]; Ritterlingstrasse 2, 65719 Hofheim (DE). SCHNELLER, Arnold [DE/DE]; Berliner Strasse 37, 64409 Messel (DE). KURZ, Klaus [DE/DE]; Rudolf-Breitscheid-Strasse 2a, 65451 Kelsterbach (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)⁶ C08L 101/00, 79/04, C08K 5/3415, C08G 73/12, C09J 201/00, 179/04, 7/00

(11) WO 2004/096919 (13) A1

(21) PCT/JP1998/001587

(22) 7 Apr/avr 1998 (07.04.1998)

(25) ja (26) ja

(30) 9/87838 7 Apr/avr 1997 JP (07.04.1997)

(30) 9/87839 7 Apr/avr 1997 JP (07.04.1997)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RESIN COMPOSITION AND ADHESIVE FILM

• COMPOSITION A BASE DE RESINE ET FILM ADHESIF

(71, 72) SUZUKI, Masahiro [JP/JP]; c/o Hitachi Reseach Laboratory, Hitachi. Ltd., 1-1, Oomika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). NISHIMURA, Shin [JP/JP]; c/o Hitachi Reseach Laboratory, Hitachi. Ltd., 1-1, Oomika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). SUZUKI, Masao [JP/JP]; c/o Hitachi Reseach Laboratory, Hitachi. Ltd., 1-1, Oomika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). TAKAHASHI, Akio [JP/JP]; c/o Hitachi Reseach Laboratory, Hitachi. Ltd., 1-1, Oomika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). KAGEYAMA, Akira [JP/JP]; c/o Hitachi Chemical Co., Ltd., 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP). HONDA, Yoshihiko [JP/JP]; c/o Yamazaki Factory, Hitachi Chemical Co., Ltd., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP). KAWAI, Toshiyasu [JP/JP]; c/o Goi Factory, Hitachi Chemical Co., Ltd., 14, Goi Minamikaigan, Ichihara-shi, Chiba 290-8567 (JP). IIOKA, Shinji [JP/JP]; c/o Goi Factory, Hitachi Chemical Co., Ltd., 14, Goi Minamikaigan, Ichihara-shi, Chiba 290-8567 (JP). NOMURA, Yoshihiro [JP/JP]; c/o Goi Factory, Hitachi Chemical Co., Ltd., 14, Goi Minamikaigan, Ichihara-shi, Chiba 290-8567 (JP).

(74) TSUKUNI, Hajime; SVAX TS Building, 22-12, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) US.

Published / Publiée : (e): 08Oct/oct 2002 (08.10.2002), 6462148

(51)⁷ C09B 67/26

(11) WO 2004/096920 (13) A1

(21) PCT/AU2004/000422

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2003902064 30 Apr/avr 2003 AU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COLORANT FOR FOLIAGE OF HUMIC AND/OR FULVIC ACID, AND DYE

• COLORANT POUR FEUILLAGE, COMPRENANT DE L'ACIDE HUMIQUE ET/OU DE L'ACIDE FULVIQUE, ET TEINTURE

(71) AUSTRALIAN AGRICULTURAL CHEMICALS [AU/AU]; 5 Harlech Court, Loganholme, QLD 4129 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUGHES, Douglas, John [AU/AU]; 5 Harlech Court, Loganholme, QLD 4129 (AU).

(74) PIZZEYS PATENT AND TRADE MARK ATTORNEYS; Level 14, ANZ Centre, 324 Queen Street, Brisbane, QLD 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 C09C 1/64, C09D 7/12, 5/00, 201/00

(11) WO 2004/096921 (13) A1

(21) PCT/JP2003/005484

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ALUMINIUM PIGMENT, PROCESS FOR PRODUCTION THEREOF AND RESIN COMPOSITION

• PIGMENT À BASE D'ALUMINIUM, PROCÉDÉ DE FABRICATION ET COMPOSITION DE RÉSINE

(71) TOYO ALUMINIUM KABUSHIKI KAISHA [JP/JP]; 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIZUME, Yoshiki [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP). MORIMITSU, Taro [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C09C 3/04, C04B 14/30, 18/02, 24/38, 18/24, C09C 1/24

(11) WO 2004/096922 (13) A1

(21) PCT/EP2004/004561

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 103 19 483.5 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUICKLY DISINTEGRATING PIGMENT CONCENTRATE

- CONCENTRE DE PIGMENT A DESINTEGRATION RAPIDE

(71) **BROCKHUES GMBH & CO. KG** [DE/DE]; Mühlstrasse 118, 65396 Walluf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NUNGESS, Nikolaus, Wolfgang** [DE/DE]; Im Birkengrund 4, 63263 Neu-Isenburg (DE). **VOGLER, Stefan** [DE/DE]; Taunusstrasse 3e, 65396 Walluf (DE).

(74) **MAIWALD, Walter**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 C09C 3/10, C08J 3/03, C08F 290/06, B01J 13/00

(11) **WO 2004/096923** (13) A1

(21) PCT/JP2003/005508

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AQUEOUS DISPERSION AND PROCESS FOR PRODUCTION THEREOF

- DISPERSION AQUEUSE ET PROCEDE DE PRODUCTION DE CETTE DISPERSION

(71) **HITACHI MAXELL, LTD.** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIZUTANI, Takuo** [JP/JP]; Hitachi Maxell Daiichikoyo-ryo, 1, Koizumi, Oyamazaki-cho, Otokuni-gun, Kyoto 618-0000 (JP). **FURUTANI, Takahiro** [JP/JP]; 1-33-305, Aobaokaminami, Suita-shi, Osaka 565-0802 (JP). **TAKAO, Nagayuki** [JP/JP]; 14-31, Nishino, Terado-cho, Muko-shi, Kyoto 617-0002 (JP).

(74) **KAWAMIYA, Osamu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/10, G09B 19/10

(11) **WO 2004/096924** (13) A1

(21) PCT/JP2004/005314

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) ja (26) ja

(30) 2003-121774 **25 Apr/avr 2003 JP (25.04.2003)**

(30) 2003-358887 **20 Oct/oct 2003 JP (20.10.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COLORANT FOR CLAY AND WATER-CONTAINING SETTING TYPE CLAY USING THE SAME

- COLORANT POUR ARGILE ET ARGILE DE TYPE DURCISSANTE CONTENANT DE L'EAU FAISANT APPEL A CE DERNIER

(71) **PADICO CO. LTD.** [JP/JP]; 3-2-4, Higashiyama, Meguro-ku, Tokyo, 1530043 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIMURA, Susumu** [JP/JP]; c/o Padico Co., Ltd., 3-2-4, Higashiyama, Meguro-ku, Tokyo, 1530043 (JP). **YUYAMA, Noritada** [JP/JP]; c/o Padico Co., Ltd., Gotenba Plant, 673-3, Jinba, Gotenba-shi, Shizuoka, 4120047 (JP). **TANAKA, Shigenobu** [JP/JP]; 6-13-53-611, Kikuna, Kouhoku-ku, Yokohama-shi, Kanagawa, 2220011 (JP).

(74) **TSUTSUI, Yamato** et al. / etc.; Tsutsui & Associates, 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00, 133/00, 9/04

(11) **WO 2004/096925** (13) A1

(21) PCT/US2004/012212

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 10/424,548 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MARKING AND REMOVING TURF LINES METHOD AND COMPOSITION

- MARQUAGE ET RETRAIT DE REVETEMENTS EN GAZON, ET PROCEDE ET COMPOSITION

(63) US 10/424,548 (CON)
25 Apr/avr 2003 (25.04.2003)

(71) **ECO CHEMICAL, INC.** [US/US]; 1904 Third Avenue, Suite 935, Seattle, WA 98101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEIRRETT, Mark, K.** [US/US]; 1210 26th Avenue East, Seattle, WA 98112 (US). **SADOWSKI, Walter** [US/US]; 21311 Pioneer Way, Edmonds, WA 98026 (US).

(74) **CRUZ, Laura, A.**; Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 5/03, 5/08, 163/00, C08G 59/40, 59/62

(11) **WO 2004/096926** (13) A1

(21) PCT/US2004/013698

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/424,891 **28 Apr/avr 2003 US (28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATHODIC CORROSION PROTECTION POWDER COATING COMPOSITION AND METHOD

- COMPOSITION DE REVETEMENT PULVERULENT DE PROTECTION CATHODIQUE CONTRE LA CORROSION ET PROCEDE ASSOCIE

(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) **EDMONDSON, Stephen, J.** [US/US]; 8206 Cross Springs Court, Houston, Texas 77095 (US).

(74) **BENJAMIN, Steven, C.**; 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 C09D 5/16, C08G 67/04, C09D 173/02

(11) WO 2004/096927 (13) A1

(21) PCT/NO2004/000115

(22) 23 Apr/avr 2004 (23.04.2004)

(25) no (26) en

(30) 2003 1908 29 Apr/avr 2003 NO
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLYANHYDRIDES, PROCESS FOR
THE PREPARATION, USE IN AN-
TIFOULING PAINT AND ANTIFOUL-
ING PAINT CONTAINING POLYAN-
HYDRIDES

• POLYANHYDRIDES, LEUR PROCEDE
DE PREPARATION, LEUR UTILI-
SATION DANS DES PEINTURES
ANTI-SALISSURES ET PEINTURES
ANTI-SALISSURES CONTENANT
DES POLYANHYDRIDES

(71) JOTUN AS [NO/NO]; Postboks 2021,
N-3248 Sandefjord (NO).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BÖRVE, Anita [NO/NO]; Kalliäsen 23,
N-3280 Tjodalyn (NO). DAHLING, Marit
[NO/NO]; Nygårdsvæien 23, N-3214 Sande-
fjord (NO). AUKRUST, Inger Reidun F.
[NO/NO]; Stokkeveien 5, N-3400 Lier (NO).
RAKOS, Laszlo [SE/SE]; Malmköpingsvä-
gen 70, SE-125 40 Älvsjö (SE). NESET,
Siren M. [NO/NO]; Sponstuppen 21, N-1414
Trollåsen (NO).

(74) BRYN AARFLOT AS; P.O. Box 449, Sen-
trum, N-0104 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
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 11/00, B41M 5/00, B41J 2/01

(11) WO 2004/096928 (13) A1

(21) PCT/JP2003/008107

(22) 26 Jun/juin 2003 (26.06.2003)

(25) ja (26) ja

(30) 2003-162988 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER BASED FLUORESCENT INK,
RECORD IMAGING METHOD AND
RECORD IMAGE

• ENCRE FLUORESCENTE AQUEUSE,
PROCEDE DE FORMATION
D'IMAGES D'IMPRESSION ET IMAGE
D'IMPRESSION

(71) CANON KABUSHIKI KAISHA [JP/JP];
3-30-2, Shimomaruko, Ohta-ku, Tokyo
146-8501 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAGASHIMA, Akira [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo 146-8501
(JP). SUGAMA, Sadayuki [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo 146-8501
(JP). UDAGAWA, Masako [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo 146-8501
(JP).

(74) OKABE, Masao et al. / etc.; No. 602,
Fuji Bldg., 2-3, Marunouchi 3-chome, Chi-
oda-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 PG PH PL
PT RO RU SC 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 C09D 11/00, B41M 5/00, B41J 2/01

(11) WO 2004/096929 (13) A1

(21) PCT/JP2004/006334

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-127621 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER BASE INK AND METHOD FOR
FORMING IMAGE AND RECORDED
IMAGE USING SAID INK

• ENCRE A L'EAU, PROCEDE DE FOR-
MATION D'IMAGE, ET IMAGE IMPRI-
MEE AVEC CETTE ENCRE

(71) CANON KABUSHIKI KAISHA [JP/JP];
3-30-2, Shimomaruko, Ohta-ku, Tokyo,
1468501 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAGASHIMA, Akira [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo, 1468501
(JP). SUGAMA, Sadayuki [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo, 1468501
(JP). UDAGAWA, Masako [JP/JP]; c/o

CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo, 1468501
(JP).

(74) OKABE, Masao et al. / etc.; No. 602,
Fuji Bldg., 2-3, Marunouchi 3-chome, Chi-
oda-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 ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 11/02, B41M 5/00, B41J 2/01

(11) WO 2004/096930 (13) A1

(21) PCT/JP2003/008102

(22) 26 Jun/juin 2003 (26.06.2003)

(25) ja (26) ja

(30) 2003-127617 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AQUEOUS FLUORESCENT INK,
RECORDED IMAGE USING SAME,
AND JUDGING METHOD

• ENCRE FLUORESCENTE AQUEUSE,
IMAGE IMPRIMEE UTILISANT
CETTE ENCRE ET PROCEDE
D'EVALUATION

(71) CANON KABUSHIKI KAISHA [JP/JP];
3-30-2, Shimomaruko, Ohta-ku, Tokyo
146-8501 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) UDAGAWA, Masako [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo 146-8501
(JP). KOIKE, Shoji [JP/JP]; c/o CANON
KABUSHIKI KAISHA, 3-30-2, Shimo-
maruko, Ohta-ku, Tokyo 146-8501 (JP).
AOKI, Makoto [JP/JP]; c/o CANON
KABUSHIKI KAISHA, 3-30-2, Shimo-
maruko, Ohta-ku, Tokyo 146-8501 (JP).
NAGASHIMA, Akira [JP/JP]; c/o CANON
KABUSHIKI KAISHA, 3-30-2, Shimo-
maruko, Ohta-ku, Tokyo 146-8501 (JP).
HAKAMADA, Shinichi [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,
Shimomaruko, Ohta-ku, Tokyo 146-8501
(JP).

(74) OKABE, Masao et al. / etc.; No. 602,
Fuji Bldg., 2-3, Marunouchi 3-chome, Chi-
oda-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 PG PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/02, B41M 5/00, B41J 2/01

(11) WO 2004/096931 (13) A1

(21) PCT/JP2003/008103

(22) 26 Jun/juin 2003 (26.06.2003)

(25) ja (26) ja

(30) 2003-127618 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRINTING INK CONTAINING FLUORESCENT COLORANTS AND INK-JET RECORDING METHOD

• ENCRE D'IMPRESSION CONTENANT DES COLORANTS FLUORESCENTS ET PROCEDE D'IMPRESSION A JET D'ENCRE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UDAGAWA, Masako [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). SUGAMA, Sadayuki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). KOIKE, Shoji [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). AOKI, Makoto [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). NAGASHIMA, Akira [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). HAKAMADA, Shinichi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/02, B41M 5/00, B41J 2/01

(11) WO 2004/096932 (13) A1

(21) PCT/JP2003/008106

(22) 26 Jun/juin 2003 (26.06.2003)

(25) ja (26) ja

(30) 2003-127614 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INK AND INK-JET RECORDING METHOD USING SAID INK

• ENCRE ET PROCEDE D'IMPRESSION PAR JET D'ENCRE AU MOYEN DE LA-DITE ENCRE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UDAGAWA, Masako [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). NAGASHIMA, Akira [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 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 PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 163/00

(11) WO 2004/096933 (13) A2

(21) PCT/EP2004/004570

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 507.6 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING A REACTION RESIN MIXTURE

• PROCEDE DE PRODUCTION D'UN MELANGE DE RESINE REACTIVE

(71) STO AG [DE/DE]; Ehrenbachstrasse 1, 79780 Stühlingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOSBÜSCH, Günter [DE/DE]; Schwimmbadstrasse 11, 79879 Wutach-Ewatingen (DE). MELCHERS, Silke [DE/DE]; Am Buck 7, 79848 Bonndorf (DE). GÜNTERT, Uwe [DE/DE]; Rappenhalde 24a, 79780 Stühlingen (DE). GROCHAL, Peter [DE/DE]; Bloisstrasse 20, 79761 Waldshut (DE).

(74) LEINWEBER & ZIMMERMANN; Rosental 7, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 C09D 183/16, C01B 33/12, H01L 21/768

(11) WO 2004/096934 (13) A1

(21) PCT/JP2004/004078

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-126381 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COATING COMPOSITION, POROUS SILICEOUS FILM, METHOD FOR PREPARING POROUS SILICEOUS FILM, AND SEMICONDUCTOR DEVICE

• COMPOSITION DE REVETEMENT, FILM SILICEUX POREUX, PROCEDE DE PREPARATION DUDIT FILM SILICEUX POREUX ET DISPOSITIF A SEMI-CONDUCTEUR

(71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AOKI, Tomoko [JP/JP]; c/o Clariant (Japan) K.K., 3810, Chihama, Daito-cho, Ogasa-gun, Shizuoka 4371496 (JP). AOKI, Hiroyuki [JP/JP]; c/o Clariant (Japan) K.K., Bunkyo Green Court, Center Office 9F, 2-28-8, Honkomagome, Bunkyo-ku, Tokyo 1138662 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 185/00, B01J 35/02, 21/08, C01G 23/047, B32B 5/14, 27/18, 9/00

(11) WO 2004/096935 (13) A1

(21) PCT/JP2004/005349

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-125146 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHOTOCATALYST COATING LIQUID, PHOTOCATALYST FILM AND PHOTOCATALYST MEMBER

• LIQUIDE DE REVETEMENT PHOTOCATALYTIQUE, PELLICULE PHOTOCATALYTIQUE ET ELEMENT PHOTOCATALYTIQUE

(71) UBE NITTO KASEI CO., LTD. [JP/JP]; 1-7, Higashi-Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Naoki [JP/JP]; c/o Ube Nitto Kasei Co., Ltd., 1-1, Yabutanishi 2-chome, Gifu-shi, Gifu 500-8386 (JP). SUZUKI, Hirokazu [JP/JP]; c/o Ube Nitto Kasei Co., Ltd., 1-1, Yabutanishi 2-chome, Gifu-shi, Gifu 500-8386 (JP). KOIKE, Tadashi [JP/JP]; c/o Ube Nitto Kasei Co., Ltd., 1-1, Yabutanishi 2-chome, Gifu-shi, Gifu 500-8386 (JP).

(74) NAKAMURA, Shizuo; 3rd Fl., ST Bldg., 24-10, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 C09F 1/04, C09D 11/10, 11/00

(11) WO 2004/096936 (13) A1

(21) PCT/US2004/012306

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/423,400 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACRYLATED NATURAL RESINS

• RESINES NATURELLES ACRYLATES

(71) SUN CHEMICAL CORPORATION [US/US]; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GAUDL, Kai-Uwe [DE/DE]; Friedrich-Naumann Strasse 39, 16540 Hoehn Neuen-dorf (DE).

(74) PERSLEY, Sidney; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁶ C09J 201/00, 11/08, 163/00, 161/04, 179/04, C08J 3/09, H05K 3/38, 3/46

(11) WO 2004/096937 (13) A1

(21) PCT/JP1998/004955

(22) 2 Nov/nov 1998 (02.11.1998)

(25) ja (26) ja

(30) 9/302557 5 Nov/nov 1997 JP (05.11.1997)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADHESIVE FOR NONELECTROLYTIC PLATING AND PROCESS FOR THE PREPARATION THEREOF

• ADHESIF DESTINE AU PLAQUAGE NON ELECTROLYTIQUE ET PROCEDE DE PREPARATION CORRESPONDANT

(71, 72) ONO, Yoshitaka [JP/JP]; c/o Ibiden Co., Ltd., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP). ADACHI, Taki [JP/JP]; c/o Sanyo Chemical Industries, Ltd., 11-1, Ichinohashinomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).

(74) OGAWA, Junzo et al. / etc.; Kobikikan Ginza Building, 8-9, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) US.

Published / Publiée : (e) 19Mar/mar 2002 (19.03.2002), 6359035

(51)⁷ C09K

(11) WO 2004/096938 (13) A2

(21) PCT/US2004/013036

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/425,188 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF CALCIUM SULFONATE BASED THREADED COMPOUNDS IN DRILLING OPERATIONS AND OTHER SEVERE INDUSTRIAL APPLICATIONS

• UTILISATION DE COMPOSES A BASE DE SULFONATE DE CALCIUM DANS DES ELEMENTS FILETES UTILISES POUR DES OPERATIONS DE FORAGE ET D'AUTRES APPLICATIONS INDUSTRIELLES INTENSIVES

(71) JET-LUBE, INC [US/US]; PO Box 21258, 4849 Homestead Road, Houston, TX 77266-1258 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLDIGES, Donald, A. [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, 77389 (US).

(74) STROZIER, Robert, W.; P.O. Box 429, 5300 Braceswood Blvd., #369, 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 3/18, C08F 220/10, D06M 15/277, A47G 27/02

(11) WO 2004/096939 (13) A1

(21) PCT/JP2004/006056

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-126992 2 May/mai 2003 JP (02.05.2003)

(30) 2004-033669 10 Feb/fév 2004 JP (10.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SURFACE-TREATING AGENT COMPRISING FLUOROPOLYMER

• AGENT DE TRAITEMENT DE SURFACE COMPRENANT UN FLUOROPOLYMER

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Ikuo [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). MASUTANI, Tetsuya [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 C09K 3/00, C11D 17/00, E21B 21/00

(11) WO 2004/096940 (13) A1

(21) PCT/US2004/012177

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/425,013 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER BLOCK REMOVAL WITH
SURFACTANT BASED HYDROCAR-
BONACEOUS LIQUID SYSTEM• SUPPRESSION DU BLOCAGE DES
PORES PAR LE FILTRAT A L'AIDE
D'UN SYSTEME LIQUIDE HYDRO-
CARBONE A BASE DE TENSIOACTIF(63) US 10/425,013 (CIP)
29 Apr/avr 2003 (29.04.2003)(71) CONOCOPHILLIPS COMPANY
[US/US]; 600 North Dairy Ashford, Houston,
TX 77079 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CHAN, Albert, F. [US/US]; 1504 Glas-
tonbury Drive, Plano, TX 75075 (US). ER-
WIN, Michael, D. [US/US]; 7281 Tree Top
Circle, Anchorage, AL 99507 (US).(74) RICHARDS, John 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09K 3/14, C09G 1/02, C04B 41/91

(11) WO 2004/096941 (13) A1

(21) PCT/US2004/009555

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/423,283 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR MACHINING CE-
RAMICS• PROCEDES D'USINAGE DE CERA-
MIQUE(71) SAINT-GOBAIN CERAMICS & PLAS-
TICS, INC. [US/US]; 1 New Bond Street,
Box Number 15138, Worcester, MA 01615-
0138 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LACONTO, Ronald, W. [US/US]; 20
Charles Street, Leicester, MA 01524 (US).WARD, Douglas, E. [US/US]; 10271 Am-
bervale Lane, Santa Ana, CA 92705 (US).(74) BUJOLD, Michael, J. et al. / etc.; Davis
& Bujold, P.L.L.C., 500 North Commercial
Street, Fourth Floor, Manchester, NH 03101-
1151 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09K 7/02

(11) WO 2004/096942 (13) A1

(21) PCT/US2004/012392

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/424,119 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AMIDOAMINE SALT-BASED VIS-
COSIFYING AGENTS AND METHOD
OF USE• AGENT DE VISCOSITE A BASE DE
SEL D'AMIDOAMINE ET PROCEDE
D'UTILISATION(71) TOMAH PRODUCTS, INC. [US/US]; 337
Vincent Street, Milton, WI 53563 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MOSS, Daniel, Kelly [US/US]; 11802
N. McMillin Road, Whitewater, WI 53190
(US).(74) DELANEY, James, P. et al. / etc.; Jans-
son, Shupe & Munger, Ltd., 245 Main Street,
Racine, WI 53403 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C09K 11/02, 11/81

(11) WO 2004/096943 (13) A1

(21) PCT/EP2004/004573

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en

(26) en

(30) 03009705.9 30 Apr/avr 2003 EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LUMINESCENT CORE/SHELL
NANOPARTICLES• NANOPARTICLES NOYAU/ENVE-
LOPPE LUMINESCENTES(71) NANOSOLUTIONS GMBH [DE/DE];
Schnackenburgallee 149, 22525 Hamburg
(DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MEYER, Christiane [DE/DE]; Schäfer-
strasse 8, 20357 Hamburg (DE). HAASE,
Markus [DE/DE]; Klaus-Nanne-Strasse 60,
22457 Hamburg (DE).(74) HOFFMANN, EITLE et al. / etc.; Arabel-
lastrasse 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).

Published / Publiée : (c)

(51)⁷ C09K 11/02, 11/81

(11) WO 2004/096944 (13) A1

(21) PCT/EP2004/004574

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03009704.2 30 Apr/avr 2003 EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CORE/SHELL NANOPARTICLES
SUITABLE FOR (F)RET-ASSAYS• NANOPARTICLES A NOYAU/ENVE-
LOPPE CONÇUES POUR DES ESSAIS
(F)RET(71) NANOSOLUTIONS GMBH [DE/DE];
Schnackenburgallee 149, 22525 Hamburg
(DE). BAYER TECHNOLOGY SER-
VICES GMBH [DE/DE]; 51368 Leverkusen
(DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MEYER, Christiane [DE/DE]; Schäfer-
strasse 8, 20357 Hamburg (DE). HAASE,
Markus [DE/DE]; Klaus-Nanne-Strasse 60,
22457 Hamburg (DE). HOHEISEL, Werner
[DE/DE]; Gerstenkamp 9, 51061 Köln (DE).
BOHMANN, Kerstin [DE/DE]; Florastrasse
140, 50733 Köln (DE).(74) HOFFMANN EITLE et al. / etc.; Arabel-
lastrasse 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).

Published / Publiée : (c)

(51)⁷ C09K 11/06, H05B 33/14

(11) WO 2004/096945 (13) A1

(21) PCT/JP2003/005577

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • 1,3,6,8-TETRASUBSTITUTED
PYRENE COMPOUNDS, ORGANIC
EL DEVICE AND ORGANIC EL DIS-
PLAY

• COMPOSES DE PYRENE 1,3,6,8-TE-
TRASUBSTITUE, DISPOSITIF ET AF-
FICHAGE ELECTROLUMINESCENTS
ORGANIQUES

- (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) SOTOYAMA, Wataru [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP). SATO, Hiroyuki
[JP/JP]; c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
MATSUURA, Azuma [JP/JP]; c/o FU-
JITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588 (JP). KINOSHITA,
Masaru [JP/JP]; c/o FUJITSU LIMITED,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
TAKAHASHI, Toshiro [JP/JP]; c/o FU-
JITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 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.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C09K 11/06, H05B 33/14

(11) WO 2004/096946 (13) A1

(21) PCT/JP2004/005941

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-124882 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LIGHT-EMITTING DEVICE

• DISPOSITIF ÉLECTROLUMINES-
CENT

- (71) TAKASAGO INTERNATIONAL COR-
PORATION [JP/JP]; 37-1, Kamata 5-chome,
Ohta-ku, Tokyo 1448721 (JP). NIPPON
HOSO KYOKAI [JP/JP]; 2-1, Jinnan
2-chome, Shibuya-ku, Tokyo 1508001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) NAKAYAMA, Yuji [JP/JP]; c/o Central
Research Laboratory of Takasago Inter-
national Corporation 4-11, Nishiyawata,
1-chome, Hiratsuka-shi, Kanagawa 2540073
(JP). IWATA, Takeshi [JP/JP]; c/o Central
Research Laboratory of Takasago Inter-
national Corporation 4-11, Nishiyawata,
1-chome, Hiratsuka-shi, Kanagawa 2540073
(JP). MATSUSHIMA, Yoshimasa [JP/JP];
c/o Central Research Laboratory of Takasago
International Corporation 4-11, Nishiyawata,
1-chome, Hiratsuka-shi, Kanagawa 2540073
(JP). HORI, Yoji [JP/JP]; c/o Central Re-
search Laboratory of Takasago International
Corporation 4-11, Nishiyawata, 1-chome,
Hiratsuka-shi, Kanagawa 2540073 (JP).
TOKITO, Shizuo [JP/JP]; c/o Science &
Technical Research Laboratories of Nippon
Hoso Kyokai 10-11, Kinuta 1-chome, Seta-
gaya-ku, Tokyo 1578510 (JP). TSUZUKI,
Toshimitsu [JP/JP]; c/o Science & Techni-
cal Research Laboratories of Nippon Hoso
Kyokai 10-11, Kinuta 1-chome, Setagaya-ku,
Tokyo 1578510 (JP).

- (74) KANAOKA, Hiroki et al. / etc.; Mutsumi
International Patent Bureau Chiyoda Office,
Bandai Bldg. 2nd Floor 10-14, Kandaawaji-
cho 2-chome, Chiyoda-ku, Tokyo 1010063
(JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 51/30

(11) WO 2004/096947 (13) A1

(21) PCT/JP2004/006180

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003-125777 30 Apr/avr 2003 JP
(30.04.2003)

(30) 60/470,187 14 May/mai 2003 US
(14.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ORGANIC POLYMER LIGHT-EMIT-
TING ELEMENT MATERIAL HAVING
GOLD COMPLEX STRUCTURE AND
ORGANIC POLYMER LIGHT-EMIT-
TING ELEMENT

• MATERIAU D'ELEMENT ELECTRO-
LUMINESCENT A BASE DE POLY-
MERE ORGANIQUE AYANT UNE

STRUCTURE DE COMPLEXE D'OR ET
ELEMENT ELECTROLUMINESCENT
A BASE DE POLYMER ORGANIQUE

- (71) SHOWA DENKO K.K. [JP/JP]; 13-9,
Shiba Daimon 1-chome, Minato-ku, Tokyo
105-8518 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) TAKAHASHI, Yoshiaki [JP/JP]; c/o
Corporate R & D Center, Showa Denko
K.K., 1-1, Ohnodai 1-chome, Midori-ku,
Chiba-shi, Chiba 267-0056 (JP). TAGUCHI,
Isamu [JP/JP]; c/o Corporate R & D Center,
Showa Denko K.K., 1-1, Ohnodai 1-chome,
Midori-ku, Chiba-shi, Chiba 267-0056 (JP).
SHIRANE, Koro [JP/JP]; c/o Corporate R
& D Center, Showa Denko K.K., 1-1, Ohn-
odai 1-chome, Midori-ku, Chiba-shi, Chiba
267-0056 (JP).

- (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 33/10

(11) WO 2004/096948 (13) A1

(21) PCT/US2003/032047

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/413,653 15 Apr/avr 2003 US
(15.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ELECTRON TRANSPORT AGENTS
FOR ORGANIC ELECTRONIC DE-
VICES

• AGENTS DE TRANSPORT
D'ELECTRONS POUR DISPOSITIFS
ELECTRONIQUES ORGANIQUES

- (71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

- (72) BENTSEN, James G.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
GOPLIN, Nicholas P.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US). LI,
Yingbo; Post Office Box 33427, Saint Paul,
MN 55133-3427 (US). ROBERTS, Ralph
R.; Post Office Box 33427, Saint Paul, MN
55133-3427 (US).

- (74) LOWN, Jean A., et al. / etc.; Office of In-
tellectual 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 NI NO NZ OM PG PH PL PT
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 C09K 11/54, 11/08, H01J 63/04
- (11) WO 2004/096949 (13) A1
- (21) PCT/JP2004/006402
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) ja (26) ja
- (30) 2003-124743 30 Apr/avr 2003 JP
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ZINC OXIDE PHOSPHOR, PROCESS
FOR PRODUCING THE SAME AND
LIGHT EMITTING DEVICE
• LUMINOPHORE A L'OXYDE DE ZINC,
PROCEDE DE PRODUCTION ET DIS-
POSITIF ELECTROLUMINESCENT
- (71) NATIONAL INSTITUTE FOR MATE-
RIALS SCIENCE [JP/JP]; 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) OHASHI, Naoki [JP/JP]; c/o National
Institute For Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
ISHIGAKI, Takamasa [JP/JP]; c/o National
Institute For Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
TAGUCHI, Hiroyuki [JP/JP]; c/o National
Institute For Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
SAKAGUCHI, Isao [JP/JP]; c/o National
Institute For Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
HANEDA, Hajime [JP/JP]; c/o National
Institute For Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
SEKIGUCHI, Takashi [JP/JP]; c/o National
Institute For Materials Science, 2-1, Sengen
1-chome, Tsukuba-shi Ibaraki, 3050047 (JP).
- (74) NISHI, Yoshiyuki; Nishi Patent Office,
Suite 211, 26-32, Nakahara 4-chome,
Isogo-ku Yokohama-shi 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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ C09K 15/08, 15/20, A61K 31/401, 31/353,
A61P 39/06, A61K 7/00, A23L 1/16, 3/3526,
3/3544
- (11) WO 2004/096950 (13) A1
- (21) PCT/JP2003/009139
- (22) 18 Jul/juil 2003 (18.07.2003)
- (25) ja (26) ja
- (30) 2003-125981 30 Apr/avr 2003 JP
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANTIOXIDATIVE COMPOSITION
• COMPOSITION ANTIOXYDANTE
- (71) ITOCHU FEED MILLS CO., LTD.
[JP/JP]; 2-35-13, Kameido, Koutou-ku,
Tokyo 136-8511 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MURAYAMA, Toru [JP/JP]; c/o
ITOCHU FEED MILLS CO., LTD., 919
Aoki, Kuroiso-shi, Tochigi 325-0103
(JP). HORIKAWA, Hiroshi [JP/JP];
c/o ITOCHU FEED MILLS CO., LTD.,
919 Aoki, Kuroiso-shi, Tochigi 325-0103
(JP). MAKINO, Shigesaburo [JP/JP]; c/o
ITOCHU FEED MILLS CO., LTD., 919
Aoki, Kuroiso-shi, Tochigi 325-0103 (JP).
- (74) HAYAKAWA, Yuzi et al. / etc.; Arcadia
Patent Firm, Suite 501, Hikawa-Annex No.2,
9-5, Akasaka 6-chome, Minato-ku, Tokyo
107-0052 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ C09K 15/20, C07C 215/16
- (11) WO 2004/096951 (13) A1
- (21) PCT/US2004/007227
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) en (26) en
- (30) 10/422,521 24 Apr/avr 2003 US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • WATER-SOLUBLE PHENYLENEDI-
AMINE COMPOSITIONS AND METH-
ODS FOR STABILIZING ETHYLENI-
CALLY UNSATURATED COM-
POUNDS AND MONOMERS
• COMPOSITIONS DE PHENYLENE-
DIAMINE HYDROSOLUBLES ET
PROCEDES DE STABILISATION DE
COMPOSES ET DE MONOMERES
ETHYLENIQUEMENT INSATURES
- (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) LINK, John [US/US]; 20427 Tamarron
Drive, Humble TX 77346 (US). ELDIN,
Sherif [US/US]; 5540 Aspen Street, Hous-
ton, TX 77081 (US).
- (74) WINTER, Catherine, J. et al. / etc.; Patent
Counsel, General Electric Company, 3135

Easton Turnpike (W3C), Fairfield, CT 06828
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 C10G 2/00, C01B 3/38

- (11) WO 2004/096952 (13) A1
- (21) PCT/GB2004/001677
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 0310106.0 2 May/mai 2003 GB
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PRODUCTION OF HYDROCARBONS
BY STEAM REFORMING AND FIS-
CHER-TROPSCH REACTION
• PRODUCTION D'HYDROCARBURES
PAR REFORMAGE A LA VAPEUR ET
REACTION DE FISCHER-TROPSCH
- (71) JOHNSON MATTHEY PLC [GB/GB]; 2-4
Cockspur Street, Trafalgar Square, London
SW1Y 5BQ (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ABBOTT, Peter, Edward, James
[GB/GB]; Glebe House, Muirfield Road,
Eaglescliffe, Cleveland TS16 9EJ (GB).
McKENNA, Mark [IE/GB]; 6 Fairstone
Avenue, Fairfield, Stockton on Tees TS19
7NB (GB).

(74) GIBSON, Sara, Hillary, Margaret et al. / etc.; Intellectual Property Department, Johnson Matthey Catalysts, P.O.Box 1, Belasis Avenue, Billingham, Cleveland TS23 1LB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/096953 (13) A2

(21) PCT/CA2004/000580

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/425,544 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PASSIVATION OF STEEL SURFACE TO REDUCE COKE FORMATION

• PASSIVATION DE LA SURFACE D'UN ACIER AFIN DE REDUIRE LA FORMATION DE COKE

(71) NOVA CHEMICALS (INTERNATIONAL) S.A. [CH/CH]; Avenue de la Gare 12, CH-1700 Fribourg (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAI, Haiyong [CA/CA]; 4831 - 48 Street NW, Calgary, Alberta T3A 0S5 (CA). OBALLA, Michael, C. [CA/CA]; 28 Lochend Drive, Cochrane, Alberta T4C 2H2 (CA). BENUM, Leslie, Wilfred [CA/CA]; 4020 - 52 Street, Red Deer, Alberta T4N 2B9 (CA). KRZYWICKI, Andrzej [CA/CA]; 2403 Westmount Road NW, Calgary, Alberta T2N 3N9 (CA).

(74) TROTT, Trevor et al. / etc.; 2928 - 16 Street NE, Calgary, Alberta T2E 7K7 (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 C10G 11/18, C10L 1/32

(11) WO 2004/096954 (13) A1

(21) PCT/US2004/012108

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en

(30) 10/425,153 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EMULSIFIED FCC FEETSTOCK FOR IMPROVED SPRAY ATOMIZATION

• CHARGE FCC EMULSIFIÉE POUR UNE ATOMISATION AMÉLIORÉE

(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) PARKER, Wiley, L. [US/US]; 102 Pine Manor Drive, Conroe, TX 77385 (US). CROSS, Collin, W. [US/US]; 14927 Oak Bluff Court, Houston, TX 77070 (US). GOLIASZEWSKI, Alan, E. [US/US]; 19 Postvine Court, Woodland, TX 77381 (US).

(74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 C10G 32/02, 15/12, B01J 12/00, 19/26

(11) WO 2004/096955 (13) A1

(21) PCT/EP2004/002022

(22) 1 Mar/mar 2004 (01.03.2004)

(26) en

29 Apr/avr 2003 US (29.04.2003)

(26) en

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

29 Apr/avr 2003 US (29.04.2003)

(25) de

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(30) 103 19 810.5

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(26) de

30 Apr/avr 2003 DE (30.04.2003)

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10M 141/08, 141/10

(11) WO 2004/096957 (13) A1

(21) PCT/US2004/012169

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,072 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIESEL LUBRICANT LOW IN SULFUR AND PHOSPHORUS

- LUBRIFIANT POUR DIESEL A FAIBLE TENEUR EN SOUFRE ET EN PHOSPHORE

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

(71, 72) ARTMAN, Diane, M. [US/US]; 29716 Hilliard Oak Lane, Westlake, OH 44145 (US). ABRAHAM, William, D. [US/US]; 3835 Merrydound Road, South Euclid, OH 44121 (US). CARRICK, Virginia, A. [US/US]; 11500 Boxwood Circle, Chardon, OH 44024 (US). VILARDO, Jonathan, S. [US/US]; 35222-B South Turtle Trail, Willoughby, OH 44094 (US).

(74) SHOLD, DAVID, M. et al. / etc.; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 163/00 // (C10M 163/00, 129:08, 129:16, 133:06, 133:16, 139:00, 159:20)

(11) WO 2004/096958 (13) A1

(21) PCT/JP2004/006008

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-125887 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LUBRICATING OIL COMPOSITION

- COMPOSITION D'HUILE LUBRIFIANTE

(71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo, 1058412 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOMATSUBARA, Hitoshi [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (JP). MATSUI, Shigeaki [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (JP).

(74) MORITA, Nobuyuki; Watase bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C10M 169/04, 141/10, 173/00

(11) WO 2004/096959 (13) A1

(21) PCT/GB2004/001750

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309571.8 28 Apr/avr 2003 GB (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LUBRICANT COMPOSITIONS

- COMPOSITIONS LUBRIFIANTES

(71) GREAT LAKES CHEMICAL (EU-ROPE) GMBH [CH/CH]; Bahnhofplatz 65, CH-8500 Frauenfeld (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PHILLIPS, William, David [GB/GB]; 7 Kettleshulme Way, Poynton, Stockport, Cheshire SK12 1TB (GB).

(74) MCPHERSON, Alexander; 15 Valley Road, Weaverham, Northwich, Cheshire CW8 3PP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C10M 173/02, B61K 3/00

(11) WO 2004/096960 (13) A1

(21) PCT/CA2004/000635

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/429,127 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR REDUCING WEAR OF STEEL ELEMENTS IN SLIDING-ROLLING CONTACT

- PROCÉDE DE REDUCTION DE L'USURE D'ELEMENTS EN ACIER DANS UN CONTACT GLISSANT-ROULANT

(71) KELSAN TECHNOLOGIES CORP. [CA/CA]; 1140-1148 West 15th Street, North Vancouver, British Columbia V7P 1M9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EADIE, Don, T. [CA/CA]; 36-777 West Queens Road, North Vancouver, British Columbia V7N 2L5 (CA).

(74) SECHLEY, Konrad, A. et al. / etc.; Gowing 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).

Published / Publiée : (c)

(51)⁷ C11B 5/00, A23D 9/00, 9/06

(11) WO 2004/096961 (13) A1

(21) PCT/JP2004/006270

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126598 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OIL OR FAT ADDITIVE, OIL OR FAT COMPOSITION CONTAINING THE SAME, METHOD OF INHIBITING OIL OR FAT DETERIORATION AND METHOD OF SUPPRESSING OILY SMOKE

- ADDITIF D'HUILE OU DE GRAISSE, COMPOSITION D'HUILE OU DE GRAISSE EN CONTENANT, PROCÉDE D'INHIBITION DE DETERIORATION D'HUILE OU DE GRAISSE ET PROCÉDE D'ELIMINATION DE FUMEE HUILEUSE

(71, 72) GOTO, Kenya [JP/JP]; 23-23, Hanatenhigashi 3-chome, Tsurumi-ku, Osaka-shi, Osaka 5380044 (JP).

(72, 75) NAKANO, Yoshihisa [JP/JP]; 2276-1, Kanaoka-cho, Sakai-shi, Osaka 5918022 (JP). INUI, Hiroshi [JP/JP]; 23, Onoshiba-cho, Sakai-shi, Osaka 5998233 (JP).

(74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11C 3/10, C10L 1/18

(11) WO 2004/096962 (13) A1

(21) PCT/BR2004/000059

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) PI 0301103-8 29 Apr/avr 2003 BR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATALYTIC PROCESS TO THE ESTERIFICATION OF FATTY ACIDS PRESENT IN THE ACID GROUNDS OF THE PALM USING ACID SOLID CATALYSTS

• PROCEDE CATALYTIQUE POUR L'ESTERIFICATION D'ACIDES GRAS PRESENTS DANS LES GRIGNONS ACIDES DE PALMIER A L'AIDE DE CATALYSEURS SOLIDES ACIDES

(71) **ESCOLA DE QUÍMICA/UFRJ** [BR/BR]; Avenida Brigadeiro Trompowski s/n, CT-Bloco E, Ilha do Fundão, Rio de Janeiro, RJ (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARANDA, Donato, Alexandre, Gomes** [BR/BR]; Rua Dr. Satamini 292, Apt. 402, Rio de Janeiro, RJ (BR). **ANTUNES, Octávio, Augusto, Ceva** [BR/BR]; Rua Gustavo Sampaio 208, Apt. 203, Leme, Rio de Janeiro, RJ (BR).

(74) **DE ALMEIDA, Kátia, Fernandes**; Bhering, Almeida & Associados, Rua Beneditinos 16, 11^o andar, CEP-20081-050 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 C11D 1/26, 1/74, 17/00, A61K 7/50, 7/48

(11) WO 2004/096963 (13) A1

(21) PCT/EP2004/004207

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 19 399.5 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COSMETIC AND/OR PHARMACEUTICAL PREPARATIONS

• PREPARATIONS COSMETIQUES ET/OU PHARMACEUTIQUES

(71) **COGNIS DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHLER, Ansgar** [DE/DE]; Siegfriedstrasse 80, 46240 Bottrop (DE). **FOLGE, Al-mud** [DE/DE]; Burgweg 4, 42799 Leichlingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C11D 1/82, 3/37, 17/04, 17/00, E03D 9/00, 9/02, 9/03

(11) WO 2004/096964 (13) A1

(21) PCT/US2004/012026

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03447099.7 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD FOR INCREASING THE HYDROPHOBICITY OF A LAVATORY BOWL SURFACE

• PROCEDE PERMETTANT D'AUGMENTER L'HYDROPHOBIE D'UNE SURFACE DE CUVETTE DE W.-C.

(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) **PAPADAKI, Maria** [GR/BE]; Kapellelaan 344, B-1860 Meise (BE). **TOMARCHIO, Vincenzo** [IT/BE]; Place Georges Brugman 24, B-1050 Brussels (BE).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 1/90

(11) WO 2004/096965 (13) A1

(21) PCT/GB2004/001820

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309668.2 29 Apr/avr 2003 GB (29.04.2003)

(30) 0317881.1 31 Jul/juil 2003 GB (31.07.2003)

(30) 0319339.8 16 Aug/août 2003 GB (16.08.2003)

(30) 0325525.4 1 Nov/nov 2003 GB (01.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • UNSATURATED SURFACTANTS

• TENSIOACTIFS INSATURES

(71) **HUNTSMAN INTERNATIONAL LLC** [US/US]; 500 Huntsman Way, Salt Lake City, UT 84108 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALKER, David, Robert, Edward** [GB/GB]; 31 Wharfedale Crescent, Droitwich Spa, Worcestershire WR9 8TU (GB).

(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 7/34, 3/34, D06L 3/10

(11) WO 2004/096966 (13) A1

(21) PCT/GB2004/000322

(22) 27 Jan/jan 2004 (27.01.2004)

(25) en (26) en

(30) 0309507.2 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FABRIC WHITENER

• BLANCHISSEUR POUR TISSUS

(71) DYLAN INTERNATIONAL LIMITED [GB/GB]; Dylan House, Worsley Bridge Road, London SE26 5HD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOMS, David [GB/GB]; c/o Dylan International Limited, Dylan House, Worsley Bridge Road, London SE26 5HD (GB).

(74) COPSEY, Timothy, Graham et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 11/00, 1/825, 3/43, 3/37

(11) WO 2004/096967 (13) A1

(21) PCT/US2004/012515

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,433 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FOAMY COMPOSITION FOR PRE-TREATMENT OF STAINS ON FABRICS

• COMPOSITION MOUSSANTE POUR LE PRETRAITEMENT DE TACHES SUR DES TISSUS

(71) THE DIAL CORPORATION [US/US]; 15501 North Dial Boulevard, Scottsdale, AZ 85260 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BILLMAN, John [US/US]; 5142 East Sweetwater, Scottsdale, AZ 85254 (US).

(74) BOYD, Damon, L.; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D 17/00, 17/04, E03D 9/00, 9/02, 9/03, C11D 3/22

(11) WO 2004/096968 (13) A1

(21) PCT/US2004/012027

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03447098.9 29 Apr/avr 2003 EP
(29.04.2003)

(30) 04447081.3 30 Mar/mar 2004 EP
(30.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A LAVATORY BOWL RIM-BLOCK

• BLOC POUR REBORD DE CUVETTE DE W.-C.

(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) PAPADAKI, Maria [GR/BE]; Kapellelaan 344, B-1860 Meise (BE). TOMARCHIO, Vincenzo [IT/BE]; Place Georges Brugman 24, B-1050 Brussels (BE).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 17/00, 17/04, E03D 9/00, 9/02, 9/03, C11D 3/37, 1/82

(11) WO 2004/096969 (13) A2

(21) PCT/US2004/012028

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03447098.9 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A LAVATORY BOWL RIM-BLOCK

• BLOC POUR REBORD DE CUVETTE DE W.-C.

(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) PAPADAKI, Maria [GR/BE]; Kapellelaan 344, B-1860 Meise (BE). TOMARCHIO, Vincenzo [IT/BE]; Place Georges Brugman 24, B-1050 Brussels (BE).

(74) THE PROCTER & GAMBLE COMPANY; c/o REED, T., David, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 C12G 1/08, C12L 11/00

(11) WO 2004/096970 (13) A1

(21) PCT/IB2004/001291

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) BO2003A000255 30 Apr/avr 2003 IT
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR REMOVING A CROWN CAP AND FOR EXPELLING SEDIMENTS FROM A BOTTLE OF WINE

• PROCEDE ET DISPOSITIF PERMETTANT D'OTER UNE CAPSULE-COURETTE ET D'EXPLUSER LES SEDIMENTS D'UNE BOUTEILLE DE VIN

(71, 72) **BALUGANI, Roberto** [IT/IT]; Via Bedine 97, I-41010 Levizzano Rangone (IT). **BONI, Alberto** [IT/IT]; Via Poggio 35/A, I-41010 Levizzano Rangone. **SIMONINI, Giampiero** [IT/IT]; Via G. Mameli 8, I-41014 Castelvetro (IT).

(74) **DALL'OLIO, Giancarlo**; Invention S.a.s., Vie delle Armi 1, I-40137 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12M

(11) **WO 2004/096971** (13) A2

(21) PCT/DE2004/000590

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) de (26) de

(30) 103 19 042.2 **25 Apr/avr 2003** DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR RAPID DETERMINATION OF QUALITIES/QUALITY MODIFICATIONS OF ANY SYSTEM

• PROCEDE DE DETERMINATION RAPIDE DE QUALITES/MODIFICATIONS DE QUALITE DE SYSTEMES QUELCONQUES

(71, 72) **POPP, Fritz-Albert, Prof.** [DE/DE]; Landesstiftung Insel Hombroich, Kappellener Strasse, 41472 Neuss (DE). **MEHLHASE, Jürgen** [DE/DE]; Gartenstrasse 11, 52385 Nideggen (DE). **YAN, Zhongchen** [CN/DE]; Kaarster Strasse 125B, 41472 Neuss (DE).

(74) **BÜHLER GMBH**; Dr. Joachim Frommhold, Patentabteilung, 38023 Braunschweig (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations; (r) for all designations / pour toutes les désignations; (r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations; (s) for all designations / pour toutes les désignations; (s) 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 (u) for / pour US only / seulement

(51)⁷ C12M

(11) **WO 2004/096972** (13) A2

(21) PCT/IB2004/001736

(22) **3 May/mai 2004 (03.05.2004)**

(25) en (26) en

(30) 60/467,589 **2 May/mai 2003** US (02.05.2003)

(30) 60/554,273 **18 Mar/mar 2004** US (18.03.2004)

(30) 60/557,426 **29 Mar/mar 2004** US (29.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHODS FOR AMPLIFICATION OF BLOOD STEM CELL NUMBERS

• APPAREILS ET PROCEDES D'AMPLIFICATION DU NOMBRE DE CELLULES SOUCHES SANGUINES

(71) **INCEPTION BIOSCIENCE, INC.** [CA/CA]; 200 Front Street West, Suite 3004, P.O. Box 31, Toronto, Ontario M5V 3K2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MADLAMBAYAN, Gerard** [CA/CA]; 200 Front Street West, Suite 3004, P.O. Box 31, Toronto, Ontario M5V 3K2 (CA). **ZAND-STRÄ, Peter** [CA/CA]; 200 Front Street West, Suite 3004, P.O. Box 31, Toronto, Ontario M5V 3K2 (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 C12M 1/00

(11) **WO 2004/096973** (13) A2

(21) PCT/DE2004/000589

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) de (26) de

(30) 103 19 043.0 **25 Apr/avr 2003** DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR EXAMINING EXTERNAL INFLUENCES ON BIOLOGICAL TISSUES

• PROCEDE DE VERIFICATION D'INFLUENCES EXTERIEURES EXERCEES SUR DES TISSUS BIOLOGIQUES

(71, 72) **POPP, Fritz-Albert, Prof.** [DE/DE]; Landesstiftung Insel Hombroich, Kappellener Strasse, 41472 Neuss (DE). **COHEN, Sophie** [DE/DE]; Feilchenweg 6, 41516 Grevenbroich (DE). **YAN, Yu, Dr.** [CN/DE]; Kaarster Strasse 125 B, 41472 Neuss (DE).

(74) **BÜHLER GMBH**; Dr. Joachim Frommhold, Patentabteilung, 38023 Braunschweig (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(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 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)

(s) for the following designations / pour 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); (s) for the following designations / pour 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)

(s) for the following designations / pour 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); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE

EG ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NA NI NO NZ
OM PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW AP (BW GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR) OA (BF BJ CF CG CI CM GA GN
GQ GW ML MR NE SN TD TG)

(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 C12M 1/34

(11) WO 2004/096974 (13) A2

(21) PCT/EP2004/004682

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) 034 00017.4 2 May/mai 2003 DE
(02.05.2003)(30) 103 51 390.6 4 Nov/nov 2003 DE
(04.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR RAPIDLY
DETERMINING A BACTERIAL LOAD
IN BLOOD AND BLOOD PRODUCTS

• PROCEDE ET DISPOSITIF POUR
DETERMINER RAPIDEMENT UNE
CHARGE BACTERIENNE DANS DU
SANG ET DES PRODUITS SANGUINS

(71) LMB TECHNOLOGIE GMBH [DE/DE];
Möslstrasse 17, 85445 Schwaig (DE).
SIROTECH LTD. [IL/IL]; Postbox 2390,
76123 Rehovot (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PIETERSZ, Ruby [NL/NL]; Sanquin
Blood Bank, North West Region, Post-
box 9137, NL-1006 AC Amsterdam (NL).
FELDBERG, Roman [IL/IL]; c/o Sirotech
Ltd., Postbox 2390, 76123 Rehovot (IL).
JENTSCH, Klaus [DE/DE]; c/o Lmb Tech-
nologie GmbH, Möslstrasse 17, 85445
Schwaig (DE). SHINAR, Eilat [IL/IL]; c/o
Magen David Adom Blood Services, Postbox
9240, 61091 Tel Aviv (IL).

(74) WINTER BRANDL FÜRNISS HÜBNER
RÖSS KAISER POLTE-PARTNER-
SCHAFT-; Alois-Steinecker-Strasse 22,
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 NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/096975 (13) A2

(21) PCT/IB2004/001724

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 60/467,589 2 May/mai 2003 US
(02.05.2003)(30) 60/554,833 19 Mar/mar 2004 US
(19.03.2004)(30) 60/557,426 29 Mar/mar 2004 US
(29.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHODS FOR
AMPLIFICATION OF BLOOD STEM
CELL NUMBERS

• APPAREIL ET PROCEDES POUR
L'AMPLIFICATION DU NOMBRE DE
CELLULES SANGUINES SOUCHE

(71) INCEPTION BIOSCIENCE, INC.
[CA/CA]; 200 Front Street West, Suite
3004, P.O. Box 31, Toronto, Ontario M5V
3K2 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MADLAMBAYAN, Gerard [CA/CA];
200 Front Street West, Suite 3004, P.O. Box
31, Toronto, Ontario M5V 3K2 (CA). ZAND-
STRA, Peter [CA/CA]; 200 Front Street
West, Suite 3004, P.O. Box 31, Toronto,
Ontario M5V 3K2 (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 C12N

(11) WO 2004/096976 (13) A2

(21) PCT/EP2004/004562

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/467,206 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPEX COMPOSITIONS AND METH-
ODS OF USE

• COMPOSITIONS DE COMPOSES EX-
PRIMES PAR LA RATE (SPEX) ET
LEURS PROCEDES D'UTILISATION

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).

(for all designated States except / pour tous
les États désignés sauf AT US)

(71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(71) THE SCRIPPS RESEARCH INSTITUTE
[US/US]; 10550 North Torrey Pines Road, La
Jolla, CA 92037 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAYE, Jonathan [US/US]; 11518
Spruce Run Drive, San Diego, CA 92131
(US). WILKINSON, Beverley [GB/GB];
3 Camomile Drive, Wickford, Essex SS11,
8HD (GB).

(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).

(51)⁷ C12N

(11) WO 2004/096977 (13) A2

(21) PCT/IB2004/001798

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/466,640 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CRYSTAL STRUCTURE OF HOMO
SAPIENS ADIPOCYTE LIPID BIND-
ING PROTEIN AND USES THEREOF

• STRUCTURE CRISTALLINE DE LA
PROTEINE DE LIAISON DES LIPIDES
DANS LES ADIPOCYTES DE L'HOMO
SAPIENS

(71) PFIZER PRODUCTS INC. [US/US]; East-
ern Point Road, Groton, CT 06340 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) QIU, Xiyang [US/US]; Pfizer Global
Research & Development, Eastern Point
Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; c/o
LAWRENCE, Jackie, Pfizer Inc., Mail-
stop 8260-1615, Eastern Point Road, Groton,
CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/096978 (13) A2

(21) PCT/IL2004/000181

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 155588 27 Apr/avr 2003 IL (27.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRODUCTION OF HIGH MANNOSE PROTEINS IN PLANT CULTURE

• PRODUCTION DE PROTEINES RICHES EN MANNOSE DANS LA CULTURE VEGETALE

(71) METABOGAL LTD. [IL/IL]; P.O. Box 432, 11 013 Kiryat-Shmona (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAALTIEL, Yoseph [IL/IL]; Moshav Beit Hillel, 12 255 Upper Galilee (IL). BAUM, Gideon [IL/IL]; Kibbutz Ayelet HaShachar, 12200 Upper Galilee (IL). BARTFELD, Daniel [IL/IL]; 11 Havradim Street, 11631 Kiryat Shmona (IL).

(74) G. E. EHRLICH (1995) LTD.; 11 Menachem 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/096979 (13) A2

(21) PCT/IL2004/000077

(22) 27 Jan/jan 2004 (27.01.2004)

(25) en (26) en

(30) 10/426,002 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND SYSTEMS FOR ANNOTATING BIOMOLECULAR SEQUENCES

• PROCEDES ET SYSTEMES D'ANNOTATION DE SEQUENCES BIOMOLECULAIRES

(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) MINTZ, Liat [US/US]; 2 Kulesa Court, East Brunswick, NJ 08816 (US). XIE, Han-qing [US/US]; 1221 Ravens Crest Drive,

Plainsboro, NJ 08536 (US). DAHARY, Dvir [IL/IL]; 23 Pinkas Street, 62 662 Tel Aviv (IL). LEVANON, Erez [IL/IL]; 73 Menachem Begin Street, 49732 Petach Tikva (IL). FREILICH, Shiri [IL/IL]; 119 Aba Hushi Street, 34987 Haifa (IL). BECK, Nili [IL/IL]; 4/10 Mota Gur Street, 44405 Kfar Saba (IL). ZHU, Wei-Yong [US/US]; 308 Quail Ridge Drive, Plainsboro, NJ 08536 (US). WASSERMAN, Alon [US/US]; 564 First Avenue, Apt. 13a, New York, NY 10016 (US). CHERMESH, Chen [IL/IL]; 58b Kordova Street, 50297 Mishmar HaShiva (IL). AZAR, Idit [IL/IL]; 29 Shalom Aleichem Street, 63344 Tel Aviv (IL). BERNSTEIN, Jeanne [IL/IL]; 23 Harimon Street, 40 300 Kfar Yona (IL). SOREK, Rotem [IL/IL]; 15 Aharonovich Street, 76 564 Rehovot (IL).

(74) G.E. EHRLICH (1995) LTD.; 11 Menachem 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 C12N

(11) WO 2004/096980 (13) A2

(21) PCT/IL2004/000078

(22) 27 Jan/jan 2004 (27.01.2004)

(25) en (26) en

(30) 10/426,002 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL POLYNUCLEOTIDES ENCODING SOLUBLE POLYPEPTIDES AND METHODS USING SAME

• NOUVEAUX POLYNUCLEOTIDES CODANT POUR DES POLYPEPTIDES SOLUBLES ET METHODES FAISANT APPEL A CES DERNIERS

(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) AYALON-SOFFER, Michal [IL/IL]; 14 HaNoter Street, 47 210 Ramat HaSharon (IL). POLLOCK, Sarah [IL/IL]; 16 Hoshea Street, Apt. 2, 63 506 Tel Aviv (IL). DIBER, Alex [IL/IL]; 4 HaNeurim Street, Apt. 3, 46 308 Herzlia (IL). LEVINE, Zurit [IL/IL]; 4 Reihan Street, 46 419 Herzlia (IL). NEMZER, Sergey [IL/IL]; 5 HaRenanim Street, 52 595 Ramat Gan (IL). DAHARY, Dvir [IL/IL]; 23 Pinkas Street, 62 662 Tel Aviv (IL). SOREK, Rotem [IL/IL]; 15 Aharonovich Street, 76 564 Rehovot (IL). LEVANON, Erez [IL/IL]; 73 Menachem Begin Street, 49 732 Petach Tikva (IL). ROTMAN, Galit [IL/IL]; 5 Yair Shtern Street, 46 412 Herzlia (IL). SAVITSKY,

Kineret [IL/IL]; 44 Metudela Street, 69 548 Tel Aviv (IL). CHERMESH, Chen [IL/IL]; 58b Kordova Street, 50 297 Mishmar HaShiva (IL). MINTZ, Liat [US/US]; 2 Kulesa Court, East Brunswick, NJ 08816 (US). FREILICH, Shiri [IL/IL]; 119 Aba Hushi Street, 34 987 Haifa (IL). BECK, Nili [IL/IL]; 4/10 Mota Gur Street, 44 405 Kfar Saba (IL). ZHU, Wei-Yong [US/US]; 308 Quail Ridge Drive, Plainsboro, NJ 08536 (US). WASSERMAN, Alon [US/US]; 564 First Avenue, Apt. 13a, Ne, NY 10016 (US). AZAR, Idit [IL/IL]; 29 Shalom Aleichem Street, 63 344 Tel Aviv (IL). BERNSTEIN, Jeanne [IL/IL]; 23 Harimon Street, 40 300 Kfar Yona (IL).

(74) G. E. EHRLICH (1995) LTD.; 11 Menachem 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/096981 (13) A2

(21) PCT/SD2004/000001

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 1328 26 Apr/avr 2003 SD (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ALBINISM AND VITILIGO

• ALBINISME ET VITILIGO

(71, 72) ELSADIG, Hatim, Elsamani [SD/SD]; Kartoum North, P.O. Box 730 (SD).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096982 (13) A2

(21) PCT/US2003/035201

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,858 5 Nov/nov 2002 US (05.11.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ANTIBACTERIAL AGENTS
• AGENTS ANTIBACTERIENS

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AXTEN, Jeffrey, Michael** [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **MILLER, William, Henry** [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **SEEFELD, Mark, Antony** [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).

(74) **MADDEN, Laura, K. et al. / etc.**; SMITHKLINE BEECHAM CORPORATION, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC EG GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA US UZ VN YU ZA.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/096983** (13) A2

(21) PCT/US2004/010956

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 10/424,765 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NOVEL GLUE FOR CARTILAGE REPAIR
• NOUVEL ADHESIF DESTINE A LA REPARATION DU CARTILAGE

(71) **MUSCULOSKELETAL TRANSPLANT FOUNDATION** [US/US]; Edison Corporate Center, Suite 300, 125 May Street, Edison, NJ 08837 (US).

(for all designated States except / pour tous les États désignés sauf US)

(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 Pinchurst Road, Belmont, MA 02478 (US).

(74) **HALE, John, S.**; Gipple & Hale, 6665-A 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).

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ C12N

(11) **WO 2004/096984** (13) A2

(21) PCT/US2004/011821

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) en (26) en

(30) 60/465,307 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PRESERVATION OF RNA IN A BIOLOGICAL SAMPLE
• PRESERVATION D'ARN DANS UN ECHANTILLON BIOLOGIQUE

(71) **JANSSEN PHARMACEUTICA N.V.** [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMME, Fredrik, C.** [SE/US]; 3922 Caminito Del Mar Cove, San Diego, CA 92130 (US). **MEURERS, Bernhard, H.** [DE/US]; 3108 Morning Way, San Diego, CA 92037 (US). **TALANTOV, Dmitri** [RU/US]; 13019 Signature Point, #238, San Diego, CA 92130 (US). **YU, Jingxue** [CN/US]; 11321 Carmel Creek Road, San Diego, CA 92130 (US).

(74) **EVANS, Linda, S.**; Johnson & Johnson, Patent Law Dept., One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 2004/096985** (13) A2

(21) PCT/US2004/012058

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 60/464,981 **24 Apr/avr 2003** US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHODS FOR ASSESSING BIOLOGIC DIVERSITY
• PROCEDES D'EVALUATION DE LA DIVERSITE BIOLOGIQUE

(71) **MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH** [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGLE, Brenda, M.** [US/US]; 1017 Cedar Ridge Lane S.W., Oronoco, MN 55960-1324 (US). **PLATT, Jeffrey, L.** [US/US]; 2115 Merrihills Drive S.W., Rochester, MN 55902 (US). **CASCALHO, Marilia, I.** [PT/US]; 2247 Ponderosa Road S.W., Rochester, MN 55902 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096986** (13) A2

(21) PCT/US2004/012161

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 60/466,536 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR QUANTITATIVE DETECTION OF NUCLEIC ACID MOLECULES
• PROCEDE POUR DETECTER DE MANIERE QUANTITATIVE DES MOLECULES D'ACIDE NUCLEIQUE

(71) **INTEGRATED NANO-TECHNOLOGIES, LLC** [US/US]; 999 Lehigh Station Road, Suite 200, Henrietta, NY 14467-9311 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONNOLLY, Dennis, M.** [US/US]; 289 Hollywood Avenue, Rochester, NY 14618 (US). **DEBOER, Charles, D.** [US/US]; 3000 LeRoy Road, Palmyra, NY 14522 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096987 (13) A2
- (21) PCT/US2004/012330
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/465,753 26 Apr/avr 2003 US (26.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A FORWARD MUTATION ASSAY BASED ON 5-FLUOROURACIL RESISTANCE
- ESSAI DE MUTATION DIRECTE FONDE SUR LA RESISTANCE AU 5-FLUOROURACILE
- (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) GLAAB, Warren, E. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SKOPEK, Thomas, R. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). VLASAKOVA, Katerina [CZ/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MILLER, Judith, E. [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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096988 (13) A2
- (21) PCT/US2004/012450
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/465, 700 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DISCOVERY OF BIOCATALYSTS AND BIOCATALYTIC ACTIVITIES USING NUCLEAR MAGNETIC RESONANCE
- DECOUVERTE DE BIOCATALYSEURS ET ACTIVITES BIOCATALYTIQUES
- UTILISANT LA RESONANCE MAGNETIQUE NUCLEAIRE
- (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) SUBRAMANIAN, Venkiteswaran [US/US]; 3980 Corte Mar De Hierba, San Diego, CA 92130 (US). CHRISTENSON, Christopher, P. [US/US]; 216 Mango Street, Lake Jackson, TX 77566 (US). CONBOY, Claire, B. [US/US]; 31 Lake Road, Lake Jackson, TX 77566 (US). LI, Kai [CN/US]; 4247 Locust Street, Room 903, Philadelphia, PA 19104 (US). REDWINE, Oscar, David [US/US]; 3755 Shaffer Road, Coleman, MI 48618 (US). CHOPIN, Lamy, Jean, III [US/US]; 16 Grandview Circle, Flemington, NJ 08822 (US). MILLER, Barbara, A. [US/US]; 3001 Jeffrey Lane, Midland, MI 48640 (US). MORABITO, Paul, L. [US/US]; 1801 Brookfield Drive, Midland, MI 48642 (US). WINTERTON, Richard, C. [US/US]; 1306 Sylvan Lane, Midland, MI 48640 (US). ROSNER, Bettina, M. [US/US]; 8870 Villa La Jolla Drive, Apartment 310, La Jolla, CA 92037 (US).
- (74) SCOTT, Mark, S.; 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096989 (13) A2
- (21) PCT/US2004/012458
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 10/423,847 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SINGLE CHAIN ANTIGEN-BINDING POLYPEPTIDES FOR POLYMER CONJUGATION
- POLYPEPTIDES DE LIAISON D'ANTIGENE A CHAINE SIMPLE POUR UNE CONJUGAISON POLYMERE
- (71) ENZON PHARMACEUTICALS, INC. [US/US]; 685 Route 202/206, Bridgewater, NJ 08807 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72) FILPULA, David, R.; 269 Carlton Club Drive, Piscataway, NJ 08854 (US). YANG, Karen; 48 Netherwood Circle, Edison, NJ 08820 (US). BASU, Amartya; 29 Delmore Avenue, Berkley Heights, NJ 07922 (US). WANG, Maoliang; 54 Rice Run, East Brunswick, NJ 08816 (US).
- (74) MUSERLIAN, Charles et al. / etc.; Muserlian, Lucas & Mercanti, LLP, 475 Park Avenue South, New York, NY 10016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096990 (13) A2
- (21) PCT/US2004/012534
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 10/423,483 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PATHOPHYSIOLOGY ASSOCIATED WITH A SINGLE GENE (MASS1) MUTATION UNDERLYING THE ROBUST AUDIOGENIC SEIZURE PHENOTYPE IN FRINGS MICE
- PHYSIOPATHOLOGIE ASSOCIEE A LA MUTATION D'UN SEUL GENE (MASS1) SOUS-JACENT AU PHENOTYPE DE LA CRISE AUDIOGENE ROBUSTE CHEZ LES SOURIS FRINGS
- (71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 615 Arapleen Drive, Suite 310, Salt Lake City, UT 84108 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLEIN, Brian [US/US]; 2816 East 2100 South, Salt Lake City, UT 84109 (US). WHITE, Steve, H. [US/US]; University of Utah, 15 North 2030 East, Room 4420, Salt Lake City, UT 84112 (US). PTACEK, Louis, J. [US/US]; University of California, San Francisco, Department of Neurology, 1550 4th Street, Building 19B, Room 548F, San Francisco, CA 94158 (US).
- (74) WITT, Evan, R. et al. / etc.; 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N

(11) WO 2004/096991 (13) A2

(21) PCT/US2004/012591

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,573 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BCL2L12 POLYPEPTIDE ACTIVATORS AND INHIBITORS

• ACTIVATEURS ET INHIBITEURS DE POLYPEPTIDES BCL2L12

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEGH, Alex [DE/US]; 91 Westland Avenue, Apt. 216, Boston, MA 02115 (US). KIM, Hyunggee [KP/KP]; B1FL, 1 5-KA Anam-Dong Sungbuk-ku, Seoul 136-701 (KP). DEPINHO, Ronald, A. [US/US]; 565 Boylston Street, Brookline, MA 02445 (US). CHIN, Lynda [US/US]; 565 Boylston Street, Brookline, MA 02445 (US).

(74) FRASER, Janis, K.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/096992 (13) A2

(21) PCT/US2004/012717

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,621 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LACTOBACILLUS ACIDOPHILUS NUCLEIC ACID SEQUENCES ENCODING CELL SURFACE PROTEIN HOMOLOGUES AND USES THEREFORE

• SEQUENCES D'ACIDES NUCLEIQUES DE LACTOBACILLUS ACIDOPHILUS CODANT DES HOMOLOGUES DE

PROTEINE DE SURFACE ET UTILISATIONS DE CELLES-CI

(71) NORTH CAROLINA STATE UNIVERSITY [US/US]; 2401 Research Drive, Campus Box 8210, Raleigh, North Carolina 27695-8210 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLAENHAMMER, Todd R. [US/US]; 6509 Bakersfield Drive, Raleigh, North Carolina 27606 (US). RUSSELL, William M. [US/US]; Madison, Wisconsin (US). ALTERMAN, Eric [US/US]; Raleigh, North Carolina (US). CANO, Raul J. [US/US]; San Luis Obispo, California (US). HAMRICK, Alice [US/US]; 1610 Fifth Street, Los Osos, California 93402 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, North Carolina 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 C12N

(11) WO 2004/096993 (13) A2

(21) PCT/US2004/012724

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,811 25 Apr/avr 2003 US (25.04.2003)

(30) 60/466,776 30 Apr/avr 2003 US (30.04.2003)

(30) 60/480,658 20 Jun/juin 2003 US (20.06.2003)

(30) 60/498,640 28 Aug/août 2003 US (28.08.2003)

(30) 60/550,911 5 Mar/mar 2004 US (05.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METAPNEUMOVIRUS STRAINS AND THEIR USE IN VACCINE FORMULATIONS AND AS VECTORS FOR EXPRESSION OF ANTIGENIC SEQUENCES AND METHODS FOR PROPAGATING VIRUS

• SOUCHES DE METAPNEUMOVIRUS ET LEUR UTILISATION DANS DES PREPARATIONS DE VACCIN ET EN TANT QUE VECTEURS POUR L'EXPRESSION DE SEQUENCES D'ANTIGENES ET PROCEDES POUR PROPAGER UN VIRUS

(71) MEDIMMUNE VACCINES, INC. [US/US]; One Medimmune Way, Gaithersburg, MD 20878 (US). VIRONOVATIVE BV [NL/NL]; P.O. Box 1738, NL-3000 DR Rotterdam (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALLER, Aurelia [AT/US]; 7661 Concord Drive, Boulder, CO 80301 (US). TANG, Roderick [MY/US]; 1919 Alameda De Las Pulgas #37, San Mateo, CA 94403 (US). FOUCHIER, Ronaldus, Adrianus, Maria [NL/NL]; Essenburgsingel 44a, NL-3021 AR Rotterdam (NL). VAN DEN HOOGEN, Bernadetta, Gerarda [NL/NL]; Essenburgsingel 44a, NL-3021 AR Rotterdam (NL). OSTERHAUS, Albertus, Dominicus, Marcellinus, Erasmus [NL/NL]; Dr. Brevestraat 16, NL-3981 CH Bunnik (NL).

(74) CORUZZI, Laura, A. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/096994 (13) A2

(21) PCT/US2004/012826

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,605 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GENES UPREGULATED IN A TOMATO PLANT HAVING AN INCREASED ANTHOCYANIN CONTENT PHENOTYPE
• GENES REGULES EN HAUSSE DANS UN PLANT DE TOMATE POSSEDANT UN PHENOTYPE A CONTENU EN ANTHOCYANINE ACCRU

(71) EXELIXIS PLANT SCIENCES, INC. [US/US]; 16160 S.W. Upper Boones Ferry Road, Portland, Oregon 97224-7744 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLENDENNEN, Stephanie, K. [US/US]; P.O. Box 6332, Kingsport, Tennessee 37663 (US). LIGHTNER, Jonathan [US/US]; 28750 S. Heisinger Lane, Mulino, Oregon 97042 (US).

(74) SALE, Terri, L. 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 2004/096995 (13) A2

(21) PCT/US2004/012930

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,980 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DICER

• RIBONUCLEASE DICER

(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) CAHOON, Rebecca, E. [US/US]; 745 Tuxedo Boulevard, Webster Grove, Missouri 63111 (US). CHANG, Chun-Hsiang [US/US]; 129 26th Court, West Des Moines, Iowa 50265 (US). FAMODU, Omolayo, O. [US/US]; 216 Barrett Run Place, Newark, Delaware 19702 (US).

(74) JOUNG, J., Kenneth; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/096996 (13) A2

(21) PCT/US2004/012960

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,311 28 Apr/avr 2003 US (28.04.2003)

(30) 10/832,622 27 Apr/avr 2004 US (27.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MODULATION OF GLUCAGON RECEPTOR EXPRESSION

• MODULATION DE L'EXPRESSION DU RECEPTEUR DU GLUCAGON

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREIER, Susan, M. [US/US]; 2946 Renault Street, San Diego, CA 92122 (US).

(74) BRUSCA, Eric, M.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096997 (13) A2

(21) PCT/US2004/013031

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/425,037 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOLECULAR DETECTION SYSTEMS UTILIZING REITERATIVE OLIGONUCLEOTIDE SYNTHESIS

• SYSTEMES DE DETECTION MOLECULAIRE UTILISANT LA SYNTHESE REITERATIVE D'OLIGONUCLEOTIDES

(71) RIBOMED BIOTECHNOLOGIES, INC. [US/US]; 4829 South 38th Street, 1st Floor, Phoenix, Arizona 85040 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HANNA, Michelle, M. [US/US]; 3725 East Atlanta Avenue, Phoenix, Arizona 85040 (US).

(74) BUGAISKY, Lawrence, 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).

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 C12N

(11) WO 2004/096998 (13) A2

(21) PCT/US2004/013092

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,375 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NANOPARTICULAR TUMOR TARGETING AND THERAPY

• CIBLAGE ET THERAPIE NANOPARTICULAIRE DE TUMEURS

(71) VANDERBILT UNIVERSITY [US/US]; 1207 17th Avenue South, Suite 105, Nashville, TN 37212 (US).

(72) PROKOP, Ales; 1032 Elmshade Lane, Nashville, TN 37211 (US). DAVIDSON, Jeffrey, M.; 6220 Bresslyn Road, Nashville, TN 37205 (US). CARLESSO, Gianluca; 97 White Bridge Road, B17, Nashville, TN 37205 (US). ROBERTS, David; 6808 Persimmon Tree Rd., Bethesda, MD 20817 (US).

(74) ADLER, Benjamin, A.; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/096999 (13) A2

(21) PCT/US2004/013110

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/465,963 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IN VITRO TRANSLATION SYSTEM

• SYSTEME DE TRANSLATION IN VITRO

(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) LEE, Jae, Moon [KR/US]; 10190 N. Foothill Boulevard, #F27, Cupertino, CA 95014 (US). BUCKLEY, Douglas, Iwen [US/US]; 215 Brookwood Road, Woodside, CA 94062 (US). CANCELLA, Michael, Robert [AU/US]; 971 Chadbourne Avenue, Millbrae, CA 94030 (US). CURTIS, Damian, E. [US/US]; 601 Ansel Road, Apt. 203, Burlingame, CA 94010 (US). BOWMAN, Krista, K. [US/US]; 1633 Alameda de las Pulgas, Redwood City, CA 94061 (US). ZHAN, Hangjun [US/US]; 1109 Flying Fish Street, Foster City, CA 94404 (US). CIANCIO, Margie [US/US]; 117 Yale Road, Havertown, PA 19083 (US).

- (74) SHAYESTE, 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 2004/097000 (13) A2

(21) PCT/US2004/013169

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,826 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LIGAND-EXCHANGE FUNCTIONAL ANTIGENS, AND USE OF SAME IN PHARMACEUTICAL VACCINE COMPOSITIONS

- ANTIGENES FONCTIONNELS D'ECHANGE DE LIGANDS, ET UTILISATION DE CEUX-CI DANS DES COMPOSITIONS DE VACCINS PHARMACEUTIQUES

- (71) PURDUE RESEARCH FOUNDATION [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HEM, Stanley, L. [US/US]; 111 Pathway Lane, West Lafayette, IN 47906 (US). HOGENESCH, Harm [US/US]; 2831 Barlow Street, West Lafayette, IN 47906 (US).

- (74) MYER, James, B. 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).

(51)⁷ C12N

(11) WO 2004/097001 (13) A2

(21) PCT/US2004/013258

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,831 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NOVEL BACILLUS 029CEL CELLULOSE
• NOUVELLE CELLULOSE 029CEL DE BACILLE

- (71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) JONES, Brian, E. [GB/NL]; Gravin Juliana van Stolberglaan 24, NL-2263VA Leidschendam (NL). GRANT, William, D. [GB/GB]; 15 The Tithings, Kibworth Beauchamp, Leicestershire LE8 0PU (GB). HEAPHY, Shaun [GB/GB]; 426 Uppingham Road, Leicester, Leicestershire LE52DP (GB). GRANT, Susan [GB/GB]; 15 The Tithings, Kibworth Beauchamp, Leicestershire LE8 0PU (GB).

- (74) BOYD, Victoria, L.; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097002 (13) A2

(21) PCT/US2004/013286

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,387 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SELECTIVE TESTICULAR 11 β -HSD INHIBITORS AND METHODS OF USE THEREOF

- INHIBITEURS 11 β -HSD DE TESTOSTERONE SELECTIFS ET METHODES D'UTILISATION

- (71) THE MIRIAM HOSPITAL [US/US]; Office of Research Administration, 593 Eddy Street, Providence, RI 02903 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MORRIS, David, J. [US/US]; Washington Street, Barrington, RI 02806 (US). LATIF, Syed, Abdul [US/US]; 58 Roberta Avenue, Pawtucket, RI 02860 (US). HARDY, Matthew, P. [US/US]; 100 E. 72nd, New York, NY (US).

- (74) DECONTI, Giulio, 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 C12N

(11) WO 2004/097003 (13) A2

(21) PCT/US2004/013395

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,513 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • MULTIPLY-PRIMED AMPLIFICATION OF NUCLEIC ACID SEQUENCES

- AMPLIFICATION DE SEQUENCES D'ACIDE NUCLEIQUE PAR PLUSIEURS AMORCES

- (71) AMERSHAM BIOSCIENCES CORP [US/US]; 800 Centennial Avenue, Piscataway, NJ 08855 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) XIAO, Haiguang [US/US]; 120 York Drive, Princeton, NJ 08540 (US). HAMILTON, Scott [US/US]; 160 Belview Road, Phillipsburg, NJ 08865 (US).

- (74) RYAN, Stephen, G. et al. / etc.; Amersham Biosciences Corp, 800 Centennial Avenue, Piscataway, NJ 08855 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097004 (13) A2

(21) PCT/US2004/013523

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,528 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRASNGENIC EXPRESSION OF A
PHYTOCHROME A GENE

• EXPRESSION TRANSGENIQUE D'UN
GENE DE PHYTOCHROME A

(71) CORNELL RESEARCH FOUNDATION,
INC. [US/US]; Cornell Business & Technol-
ogy Park, 20 Thornwood Drive, Suite 105,
Ithaca, NY 14850 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) WU, Ray; 111 Christopher Circle, Ithaca,
NY 14850 (US). GARG, Ajay, J.; 134
Gram Road, Apt.3A6, Ithaca, NY 14850
(US). KIM, Ju-Kon; Myongji University,
Department of Biological Scien, ce, Yongin,
Kyonggi-Do 449-728 (KR).

(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 2004/097005 (13) A2

(21) PCT/US2004/013667

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,801 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GLOBAL ANALYSIS OF TRANSPOS-
ABLE ELEMENTS AS MOLECULAR
MARKERS OF THE DEVELOPMEN-
TAL POTENTIAL OF STEM CELLS

• ANALYSE GLOBALE D'ELEMENTS
TRANSPOSABLES COMME MAR-
QUEURS MOLECULAIRES DU PO-
TENTIEL DE DEVELOPPEMENT DES
CELLULES SOUCHES

(71) UNIVERSITY OF GEORGIA RE-
SEARCH FOUNDATION, INC. [US/US];
630 Boyd Graduate Studies Research Center,
Athens, GA 30602-7411 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MCDONALD, John, F. [US/US]; 199
Lakeside Drive, Arnoldsville, GA 30619
(US).

(74) FERNANDEZ, Lizette, M. et al. / etc.; Nee-
dle & Rosenberg, P.C., 999 Peachtree Street,
Suite 1000, Atlanta, GA 30309-3915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/02, C12P 1/00, C12M 3/00, C12N
5/00

(11) WO 2004/097006 (13) A1

(21) PCT/NL2004/000300

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 03101205.7 1 May/mai 2003 EP
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR THE PRODUCTION OF
BIOLOGICAL SUBSTANCES BY PER-
FUSION CULTURING OF SUSPENDED
ANIMAL CELLS

• PROCEDE DE FABRICATION DE SUB-
STANCES BIOLOGIQUES PAR LA
CULTURE SOUS PERFUSION DE CEL-
LULES ANIMALES SUSPENDUES

(71) DSM IP ASSETS B.V. [NL/NL]; Het Over-
loon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) POL, VAN DER, Leonardus, Adolfus
[NL/NL]; Adelheidstraat 22, NL-9717 AS
Groningen (NL).

(74) HABETS, Winand, Johannes, Petrus; In-
tellectual 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).

Published / Publiée : (c)

(51)⁷ C12N 1/14

(11) WO 2004/097007 (13) A1

(21) PCT/JP2004/006418

(22) 6 May/mai 2004 (06.05.2004)

(25) ja (26) ja

(30) 2003-126267 1 May/mai 2003 JP
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BASIDIOMYCETES, BASIDIOMYCETES
EXTRACT COMPOSITION, AND
HEALTH FOODS AND IMMUNOPO-
TENTIATORS

• BASIDIOMYCETES, COMPOSITION A
BASE D'EXTRAITS DE BASIDIOMY-
CETES, ALIMENTS NATURELS ET PO-
TENTIALISATEURS DE L'IMMUNITE

(71) MYCOLOGY TECHNO.CORP. [JP/JP];
4-3-20 Bandai Niigata-shi Niigata, 9500088
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WATANABE, Tetsuo [JP/JP]; c/o Truf-
fule Japan Corp. 2337 Oaza Kozousu Shi-
rone-shi Niigata, 9501414 (JP).

(74) KURIHARA, Hiroyuki; KURIHARA IN-
TERNATIONAL PATENT OFFICE, Iwasaki
Bldg. 7F, 3-15 Hiroo 1-chome, Shibuya-ku,
Tokyo, 1500012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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), (m)

(51)⁷ C12N 5/06, 5/08, G01N 33/50

(11) WO 2004/097008 (13) A1

(21) PCT/GB2004/001866

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310191.2 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF GENERATING AND ISO-
LATING TUMOUR CELLS

• PROCEDE POUR GENERER ET ISO-
LER LES CELLULES TUMORALES

(71) CYTOVATION AS [NO/NO]; Medilab, Ib-
sensgate 104, N-5052 Bergen (NO).

(for all designated States except / pour tous les États désignés sauf US)

(71) **DZIEGLEWSKA, Hanna, Eva** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **BJERKVIG, Rolf** [NO/NO]; Skarchaugene 40B, N-5174 Mathopen (NO).

(74) **DZIEGLEWSKA, Hanna, Eva**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/00

(11) **WO 2004/097009** (13) A2

(21) PCT/EP2004/004604

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 60/467,665 **1 May/mai 2003 (01.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD TO IDENTIFY AGENTS THAT ACTIVATE OR INHIBIT IKK α

• PROCÉDÉ D'IDENTIFICATION D'AGENTS D'ACTIVATION OU D'INHIBITION DE IKK α

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAVCHENKO, Vladimir** [US/US]; 2031 Paseo Dorado #16, La Jolla, CA 92037 (US). **MERCURIO, Frank** [US/US]; 12740 Sand Crest Ct., San Diego, CA 92130 (US). **ULEVITCH, Richard, J.** [US/US]; 1127 Cuchara Drive, Del Mar, CA 92014 (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 C12N 9/16, A61K 31/00, G01N 33/68

(11) **WO 2004/097010** (13) A1

(21) PCT/IB2004/001332

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 0310058.3 **1 May/mai 2003 (01.05.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CRYSTAL OF PDE5, ITS CRYSTAL STRUCTURE AND ITS USE IN DRUG DESIGN

• CRISTAL DE PDE5, SA STRUCTURE CRISTALLINE ET SON UTILISATION DANS LA CONCEPTION DE MEDICAMENTS

(71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)

(71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).

(for all designated States except / pour tous les États désignés sauf GB)

(72, 75) **BROWN, David, Graham** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **GROOM, Colin, Roger** [GB/GB]; UK Patent Department, Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **HOPKINS, Andrew, Lee** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **JENKINS, Timothy, Mark** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **KAMP, Sarah, Helen** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **O'GARA, Margaret, Mary** [IE/FR]; UK Patent Department, Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **RINGROSE, Heather, Joan** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **ROBINSON, Colin, Mark** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **TAYLOR, Wendy, Elaine** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(74) **WOOD, David, J.**; Pfizer Limited, Ramsgate Road, Kent, Sandwich CT13 9NJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 9/16, 15/62

(11) **WO 2004/097011** (13) A1

(21) PCT/PL2004/000031

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) P.359813 **2 May/mai 2003 (02.05.2003)** PL

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A UBPI PROTEASE MUTANT, AND ITS CODING SEQUENCE, THEIR APPLICATION AND METHODS OF PRODUCTION

• MUTANT DE PROTEASE UBPI, SEQUENCE CODANT LEDIT MUTANT, APPLICATION ET PROCÉDES DE PRODUCTION ASSOCIÉS

(71) **INSTYTUT BIOTECHNOLOGII I ANTYBIOTYKOW** [PL/PL]; ul. Staroscinska 5, PL-02-516 Warszawa (PL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLUCIENNICZAK, Andrzej** [PL/PL]; ul.Prochowa 14 m 5, PL-04-360 Warszawa (PL). **WOJTOWICZ, Anna** [PL/PL]; ul. Limanowskiego 5 m 15, PL-02-943 Warszawa (PL). **MIKIEWICZ-SYGULA, Diana** [PL/PL]; ul. Poznanska 92, PL-42-200 Czestochowa (PL). **PLUCIENNICZAK, Grazyna** [PL/PL]; ul. Prochowa 14 m 5, PL-04-360 Warszawa (PL).

(74) **WITEK, Rafal**; Witek, Twardowska, Sniezko, Rzecznicy Patentowi - sp., ul. Rudolfa Weigla 12, PL-53-114 Wroclaw (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC 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 C12N 9/20, A23C 19/032

(11) **WO 2004/097012** (13) A2

(21) PCT/DK2004/000279

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) PA 2003 00634 **28 Apr/avr 2003 (28.04.2003)** DK

(30) PA 2003 01163 **14 Aug/août 2003 (14.08.2003)** DK

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PHOSPHOLIPASE AND METHOD OF PRODUCING IT
• PHOSPHOLIPASE ET SON PROCÉDE DE PRODUCTION

(71) **NOVOZYMES A/S** [DK/DK]; Krogshoejvej 36, DK-2880 Bagsvaerd (DK). **CHR. HANSEN A/S** [DK/DK]; Boege Alle 10-12, DK-2970 Hoersholm (DK).

(72) **STRINGER, Mary, Ann.**; Soeborg Hovedgade 39 C, 3.tv., DK-2860 Soeborg (DK). **FATUM, Tine, Muxoll.**; Soevangen 50, DK-3450 Alleroed (DK). **PATKAR, Shamkant, Anant.**; Christoffers Allé 91, DK-2800 Lyngby (DK).

(74) **NOVOZYMES A/S**; Patents, Krogshoejvej 36, DK-2880 Bagsvaerd (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/88, 15/82

(11) **WO 2004/097013** (13) A1

(21) PCT/US2004/007180

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) en (26) en

(30) 60/453,237 **10 Mar/mar 2003 US (10.03.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GDC-1 GENES CONFERRING HERBICIDE RESISTANCE

• GENES GDC-1 CONFERANT UNE RESISTANCE AUX HERBICIDES

(71) **ATHENIX CORPORATION** [US/US]; 2202 Ellis Road, Suite B, Durham, NC 27703 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMMER, Philip, E.** [US/US]; 215 Covington Square Drive, Cary, NC 27513 (US). **HINSON, Todd, K.** [US/US]; 3510 Moriah Road, Rougemont, NC 27572 (US). **CARR, Brian** [US/US]; 3104 Shinleaf Court, Raleigh, NC 27613 (US). **DUCK, Nicholas, B.** [US/US]; 1227 Tartarian Trail, Apex, NC 27502 (US).

(74) **MORSE, Karen, M. et al.** / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/00, C12P 21/02, C12M 1/00

(11) **WO 2004/097014** (13) A1

(21) PCT/JP2004/005912

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-122930 **25 Apr/avr 2003 JP (25.04.2003)**

(30) 2003-281500 **29 Jul/juil 2003 JP (29.07.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH THROUGHPUT SYNTHESIS SYSTEM AND SYNTHESIZER FOR AUTOMATICALLY PERFORMING THE SYSTEM

• SYSTÈME DE SYNTHÈSE À HAUT RENDEMENT ET DISPOSITIF DE SYNTHÈSE PERMETTANT UNE MISE EN ŒUVRE AUTOMATIQUE DUDIT PROCÉDE

(71, 72) **ENDO, Yaeta** [JP/JP]; 478-17, Kumadai, Matsuyama-shi, Ehime 7918016 (JP). **SAWASAKI, Tatsuya** [JP/JP]; 3-1-8-701, Honmachi, Matsuyama-shi, Ehime 7900811 (JP).

(72, 75) **OGASAWARA, Tomio** [JP/JP]; 1433-2, Kamimitani, Iyo-shi, Ehime 7993104 (JP). **MORISHITA, Riyo** [JP/JP]; c/o Cell Free Sciences Co., Ltd. 201, Leading Venture Plaza, 75-1, Ono-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 2300046 (JP). **SAEKI, Mihoro** [JP/JP]; c/o Cell Free Sciences Co., Ltd. 201, Leading Venture Plaza, 75-1, Ono-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 2300046 (JP). **SATO, Tomohisa** [JP/JP]; c/o Cell Free Sciences Co., Ltd. 201, Leading Venture Plaza, 75-1, Ono-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 2300046 (JP). **KITAMOTO, Aya** [JP/JP]; c/o Cell Free Sciences Co., Ltd. 201, Leading Venture Plaza, 75-1, Ono-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 2300046 (JP).

(74) **SHOJI, Takashi**; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/00, C12Q 1/68, A01H 1/00, A01K 67/00, A61D 19/00

(11) **WO 2004/097015** (13) A1

(21) PCT/JP2004/006284

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-126667 **1 May/mai 2003 JP (01.05.2003)**

(30) 2004-093826 **26 Mar/mar 2004 JP (26.03.2004)**

(30) 2004-093824 **26 Mar/mar 2004 JP (26.03.2004)**

(30) 2004-093825 **26 Mar/mar 2004 JP (26.03.2004)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARRAY HAVING SUBSTANCES FIXED ON SUPPORT ARRANGED WITH CHROMOSOMAL ORDER OR SEQUENCE POSITION INFORMATION ADDED THERETO, PROCESS FOR PRODUCING THE SAME, ANALYTICAL SYSTEM USING THE ARRAY AND USE OF THESE

• RESEAU DE SUBSTANCES FIXÉES SUR UN SUPPORT COMPORTANT DES INFORMATIONS D'ORDRE CHROMOSOMIQUE OU DE POSITION DE SÉQUENCE, PROCÉDE DE PRODUCTION ASSOCIÉ, SYSTÈME ANALYTIQUE UTILISANT LEDIT RESEAU ET UTILISATION ASSOCIÉE

(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) **TAKEDA, Kazuyoshi** **SATO, Kazuhiro**

(74) **HARA, Kenzo**; 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/00, 15/01, 15/33

(11) **WO 2004/097016** (13) A1

(21) PCT/US2003/026151

(22) **21 Aug/août 2003 (21.08.2003)**

(25) en (26) en

(30) 60/458,825 **28 Mar/mar 2003 US (28.03.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADENOVIRUS SEROTYPE 34 VECTORS, NUCLEIC ACIDS AND VIRUS PRODUCED THEREBY

• VECTEURS ADENOVIRAUX SEROTYPE 34, ACIDES NUCLEIQUES ET VIRUS PRODUITS PAR CES MOYENS

(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) EMINI, Emilio, A. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SHIVER, John, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). BETT, Andrew, J. [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CASIMIRO, Danilo, R. [PH/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). KASLOW, David, C. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CHASTAIN, Michael [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC 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 15/00

(11) WO 2004/097017 (13) A2

(21) PCT/US2004/013660

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,703 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS FOR ENHANCING TRANSPORT OF MOLECULES INTO CELLS

• COMPOSITIONS POUR AMELIORER LE TRANSPORT DE MOLECULES DANS DES CELLULES

(71) AVI BIOPHARMA, INC. [US/US]; 4575 S.W. Research Way #200, Corvallis, OR 97333 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IVERSEN, Patrick, L. [US/US]; 5902 N.W. Fair Oaks Place, Corvallis, OR 97330 (US). MOULTON, Hong, M. [US/US]; 4440 N.W. Canary Place, Corvallis, OR 97330 (US). NELSON, Michelle, H. [US/US]; 4024 N.W. Witham Hill Drive, #37, Corvallis, OR 97330 (US). KROEKER, Andrew,

D. [US/US]; 1321 N.W. 23rd Street, Corvallis, OR 97330 (US). STEIN, David, A. [US/US]; 2135 N.W. Evergreen Street, Corvallis, OR 97330 (US).

(74) DEHLINGER, Peter, J. 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 BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/09, 1/15, 1/19, 1/21, 5/10, C07K 16/46, 19/00, C12P 21/00

(11) WO 2004/097018 (13) A1

(21) PCT/JP2004/001839

(22) 18 Feb/fév 2004 (18.02.2004)

(25) ja (26) ja

(30) 2003-124351 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PRODUCING RECOMBINANT ANTIBODY

• PROCEDE DE PRODUCTION D'UN ANTICORPS RECOMBINE

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka, 5308565 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDENO, Akira [JP/JP]; C/o Sekisui Chemical Co., Ltd. 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka, 6188589 (JP). HATA, Jun-ichi [JP/JP]; C/o Sekisui Chemical Co., Ltd. 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka, 6188589 (JP). TOGI, Akiko [JP/JP]; C/o Sekisui Chemical Co., Ltd. 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka, 6188589 (JP). FURUTANI, Masahiro [JP/JP]; C/o Sekisui Chemical Co., Ltd. 2-1, Hyakuyama Shimamoto-cho, Mishima-gun, Osaka, 6188589 (JP).

(74) FUJITA, Takashi; Matsui Bldg. 5f, 10-17, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka, 5300044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/09, C12P 21/08, C12Q 1/68, A61K 39/395, 48/00, A61P 43/00, 37/02, G01N 33/53

(11) WO 2004/097019 (13) A1

(21) PCT/JP2004/006403

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-125948 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HUMAN ANTIHUMAN INTERLEUKIN-18 ANTIBODY, FRAGMENT THEREOF AND METHOD OF USING THE SAME

• ANTICORPS HUMAIN D'INTERLEUKINE-18 ANTI-HUMAINE, FRAGMENT DE CELLE-CI ET PROCEDE D'UTILISATION CORRESPONDANT

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi Saitama 3320012 (JP). JURIDICAL FOUNDATION THE CEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 8608568 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SUGIMURA, Kazuhisa NAKANISHI, Kenji

(72, 75) NAKASHIMA, Toshihiro

(74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, A61K 31/70

(11) WO 2004/097020 (13) A2

(21) PCT/US2004/012517

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,339 25 Apr/avr 2003 US (25.04.2003)

(30) 10/427,160 30 Apr/avr 2003 US (30.04.2003)

(30) 10/444,853 23 May/mai 2003 US (23.05.2003)

(30) 10/693,059 23 Oct/oct 2003 US (23.10.2003)

- (30) 10/720,448 **24 Nov/nov 2003** US
(**24.11.2003**)
- (30) 10/757,803 **14 Jan/jan 2004** US
(**14.01.2004**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • RNA INTERFERENCE MEDIATED INHIBITION OF MAP KINASE GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (siNA)
• INHIBITION INDUITE PAR INTERFERENCE ARN DE L'EXPRESSION GENIQUE D'UNE MAP KINASE AU MOYEN D'ACIDE NUCLEIQUE INTERFERANT COURT (SINA)
- (71) SIRNA THERAPEUTICS, INC. [US/US]; 2950 Wilderness Place, Boulder, CO 80301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCSWIGGEN, James [US/US]; 4866 Franklin Drive, Boulder, CO 80301 (US). BEIGELMAN, Leonid [US/US]; 5530 Colt Drive, Longmont, CO 80503 (US). USMAN, Nassim [US/US]; 2129 Night Sky Lane, Lafayette, CO 80026 (US). HAEBERLI, Peter [US/US]; 705 7th Street, Berthoud, CO 80513 (US). CHOWRIRA, Bharat [US/US]; 576 Manorwood Lane, Louisville, CO 80027 (US). POLISKY, Barry [US/US]; 449 Mountain View Road, Boulder, CO 80302 (US).
- (74) HILLMAN, Lisa, M., W.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3100, 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 C12N 15/50, C12Q 1/68, A61K 39/215, A61P 11/00
- (11) WO 2004/097021 (13) A1
- (21) PCT/CN2004/000434
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 0310181.3 **2 May/mai 2003** GB
(**02.05.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NUCLEIC ACID DETECTION
• DETECTION D'ACIDE NUCLEIQUE
- (71) HONG KONG DNA CHIPS LIMITED [CN/CN]; 1/F, Cosmos Centre, 108 Soy Street, Mongkok, Kowloon, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YU, Cheung, Hoi [CN/CN]; 20/F, Flat E, Tower 1, The Belcher's, 89 Pokfulam Road, Hong Kong (CN). LAU, Lok, Ting; Flat H, 38/F, Tower 1, Central Park, 18 Hoi Ting Road, Kowloon, Hong Kong (CN).
- (74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Beijing 100031 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/56, 15/60, 9/26, 9/88, A61K 38/47
- (11) WO 2004/097022 (13) A1
- (21) PCT/JP2004/004695
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-97301 **31 Mar/mar 2003** JP
(**31.03.2003**)
- (30) 2003-113965 **18 Apr/avr 2003** JP
(**18.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CATALYST FOR SUGAR CHAIN CLEAVAGE
• CATALYSEUR POUR LE CLIVAGE D'UNE CHAÎNE DE SUCRES
- (71) SEIKAGAKU CORPORATION [JP/JP]; 1-5, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Masayuki [JP/JP]; Room 305, Dai-3-Izumi-Mansion, 18-7, Sekimachi-kita 1-chome, Nerima-ku, Tokyo 177-0051 (JP). KYOGASHIMA, Mamoru [JP/JP]; 902-226, Kamikitadai 1-chome, Higashiyamato-shi, Tokyo 207-0023 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N 15/82, 15/29, 5/10, A01H 5/00, 5/10
- (11) WO 2004/097023 (13) A1
- (21) PCT/GB2004/001038
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) en (26) en
- (30) 0309390.3 **25 Apr/avr 2003** GB
(**25.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PLANTS WITH PATHOGEN RESISTANCE
• PLANTES RESISTANT AUX PATHOGENES
- (71) ISIS INNOVATION LTD [GB/GB]; University of Oxford, Wellington Square, Oxford OX12 JD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNIGHT, Marc [GB/GB]; Department of Plant Sciences, University of Oxford, Oxford OX1 3RB (GB). RENTEL, Maïke [DE/GB]; Department of Plant Sciences, University of Oxford, Oxford OX1 3RB (GB).
- (74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C12N 15/82, C07K 14/415
- (11) WO 2004/097024 (13) A1
- (21) PCT/SE2004/000604
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 0301233-3 **28 Apr/avr 2003** SE
(**28.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TISSUE SPECIFIC PROMOTERS
• PROMOTEURS SPECIFIQUES AUX TISSUS
- (71) SWETREE TECHNOLOGIES AB [SE/SE]; P O Box 7981, S-907 19 Umeå (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERTZBERG, Magnus [SE/SE]; Istidsgatan 27, S-906 55 Umeå (SE).
- (74) BERGENSTRÄHLE & LINDVALL AB; P.O. Box 17704, S-118 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12N 15/86

(11) WO 2004/097025 (13) A2

(21) PCT/EP2004/004619

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310188.8 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD OF TRANSDUCING
CELLS

• PROCEDE DE TRANSDUCTION DE
CELLULES

(71) THE NORWEGIAN RADIUM HOS-
PITAL RESEARCH FOUNDATION
[NO/NO]; Noreveien 7, Postboks 56, Monte-
bello, N-0310 Oslo (NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FODSTAD, Øystein [NO/NO]; Frits Ki-
aers vei 28, N-0383 Oslo (NO). RAPPA,
Germana [IT/NO]; Storengveien 56c,
N-1368 Stabekk (NO). LORICO, Aurelio
[IT/NO]; Storengveien 56c, N-1368 Stabekk
(NO). KRAUSS, Stefan, Johannes, Karl
[DE/NO]; Bråtenveien 10, N-2074 Eidsvoll
Verk (NO).

(74) ARENDS, William, Gerrit; Lloyd Wise,
Commonwealth House, 1-19 New Oxford
Street, London WC1A 1LW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12P 41/00

(11) WO 2004/097026 (13) A1

(21) PCT/KR2004/001005

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0028245 2 May/mai 2003 KR
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THE ENZYMATIC METHOD OF MAK-
ING 1,2-DIOL DERIVATIVES AND
THEIR ESTERS

• PROCEDE ENZYMATIQUE DE FABRI-
CATION DE DERIVES DE 1,2-DIOLS
ET DE LEURS ESTERS

(71) ENZYTECH, LTD. [KR/KR]; 217-2, Sin-
seong-dong, Yuseong-gu, Daejeon 305-805
(KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HWANG, Soon Ook [KR/KR];
109-1402 Expo APT Jeonmin-dong,
Yuseong-gu, Daejeon 305-761 (KR). KIM,
Do Hoon [KR/KR]; 109-501 SamIck-SoWol
APT Beop-dong, Daedeok-gu, Daejeon
306-765 (KR). RYU, Hye Youn [KR/KR];
102-301 Hansol APT Songkang-dong,
Yuseong-gu, Daejeon 305-503 (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 C12Q

(11) WO 2004/097027 (13) A2

(21) PCT/US2004/012446

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,701 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREENING OF BIOCATALYSTS IN
PLANTS

• RECHERCHE SYSTEMATIQUE DE
BIOCATALYSEURS CHEZ DES
PLANTES

(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) SUBRAMANIAN, Venkiteswaran
[US/US]; 3980 Corte Mar De Hierba, San
Diego, CA 92130 (US). RASOCHOVA,
Lada [CZ/US]; 13523 Jadestone Way, San
Diego, CA 92130 (US). LI, Kai [CN/US];
4247 Locust, Room 903, Philadelphia,
PA 19104 (US). BAIDYARROY, Dipnath
[IN/US]; 39149 Guardino Drive., Apartment
344, Fremont, CA 94538 (US). CONBOY,
Claire, B. [US/US]; 31 Lake Road, Lake
Jackson, TX 77566 (US).

(74) SCOTT, Mark, S.; The Dow Chemical
Company, Intellectual Property Section, P.O.
Box 1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q

(11) WO 2004/097028 (13) A2

(21) PCT/US2004/012447

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,699 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISCOVERY OF BIOCATALYSTS AND
BIOCATALYTIC ACTIVITIES USING
NUCLEAR MAGNETIC RESONANCE
AND DEUTERIUM

• UTILISATION DE LA RMN ET DU
DEUTERIUM POUR LA DECOU-
VERTE DE BIOCATALYSEURS ET
D'ACTIVITES BIOCATALYTIQUES

(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) SUBRAMANIAN, Venkiteswaran
[US/US]; 3980 Corte Mar De Hierba, San
Diego, CA 92130 (US). CHRISTENSON,
Christopher P. [US/US]; 216 Mango Street,
Lake Jackson, TX 77566 (US). CONBOY,
Claire B. [US/US]; 31 Lake Road, Lake
Jackson, TX 77566 (US). LI, Kai [CN/US];
4247 Locust, Room 903, Philadelphia, PA
19104 (US). REDWINE, Oscar David
[US/US]; 3755 Shaffer Lane, Coleman, MI
48618 (US). CHOPIN III, Lamy Jean
[US/US]; 16 Grandview Circle, Fleming-
ton, NJ 08822 (US). MILLER, Barbara A.
[US/US]; 3001 Jeffrey Lane, Midland, MI
48640 (US). MORABITO, Paul L. [US/US];
1801 Brookfield Drive, Midland, MI 48642
(US). WINTERTON, Richard C. [US/US];
1306 Sylvan Lane, Midland, MI 48640 (US).
ROSNER, Bettina M. [US/US]; 8870 Villa
La Jolla Drive, Apartment 310, La Jolla, CA
92037 (US).

(74) SCOTT, Mark S.; The Dow Chemical Com-
pany, Intellectual Property Section, P.O. Box
1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q

(11) WO 2004/097029 (13) A2

(21) PCT/US2004/012766

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,458 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DETECTION OF HERPES SIMPLEX VIRUS TYPES 1 AND 2 BY NUCLEIC ACID AMPLIFICATION

• DETECTION DES TYPES 1 ET 2 DU VIRUS DE L'HERPES SIMPLEX PAR AMPLIFICATION D'ACIDE NUCLEIQUE

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) WOLFE, David, M.; 409 Seville Drive, Red Lion, PA 17356 (US). MARTINAITIS, Christine, A.; 9705 Early Spring Way, Columbia, MD 21046 (US). YURSIS, Daretta, A.; 1104 Mt. Carmel Road, Parkton, MD 21120 (US).

(74) LIN, Maria, C., H.; 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097030 (13) A2

(21) PCT/US2004/013076

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,084 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROGNOSTIC BREAST CANCER BIOMARKERS

• BIOMARQUEURS PRONOSTIQUES DU CANCER DU SEIN

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US). KAROLINSKA INNOVATIONS AB [SE/SE]; Fogdevreten 2b, S-171 77 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGH, Jonas [SE/SE]; Department of Oncology and Pathology, Karolinska Institutet and Hospital, S-171 77, Stockholm (SE). PAWITAN, Yudi [SE/SE]; Department

of Medical Epidemiology and Biostatistics, cs Karolinska Institutet, S-171 77 Stockholm (SE). HALL, Per [SE/SE]; Department of Medical Epidemiology and Biostatistics, cs Karolinska Institutet, S-171 77 Stockholm (SE). AMLER, Lukas, C. [US/US]; 845 Granada Lane, Foster City, California 94404 (US). HAN, Xia [CN/US]; 250 Brinley Drive, Pennington, NJ 08534 (US). HUANG, Fei [CN/US]; 12 Castleton Road, Princeton, NJ 08540 (US). SHAW, Peter [GB/US]; 7 Concord Lane, Yardley, PA 19067 (US).

(74) GOLIAN, Paul, D. et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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).

(51)⁷ C12Q

(11) WO 2004/097031 (13) A2

(21) PCT/US2004/013116

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/422,566 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR DETECTING METHYLATED PROMOTERS BASED ON DIFFERENTIAL DNA METHYLATION

• PROCEDES DE DETECTION DES PROMOTEURS METHYLES BASEES SUR LA METHYLATION DIFFERENTIELLE DE L'ADN

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 110 Low Memorial Library, West 116th Street & Broadway, New York, NY 10027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BESTOR, Timothy, H.; 81 Wooster Street, New York, NY 10012 (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 C12Q

(11) WO 2004/097032 (13) A2

(21) PCT/US2004/013694

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/424,682 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR NUCLEIC ACID SEQUENCING

• PROCEDE DE SEQUENÇAGE D'ACIDE NUCLEIQUE

(71) NAGAYAMA IP HOLDINGS LLC [US/US]; 145 West 57th Street, New York, NY 10019 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAYAMA, Kuniaki [JP/JP]; 2-5-1-13, Tatsumi-minami, Okazaki, Aichi Prefecture, 444-0874 (JP).

(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 C12Q 1/00, 1/04, 1/70, G01N 33/50, 33/573, 33/576, 33/68

(11) WO 2004/097033 (13) A1

(21) PCT/CN2004/000405

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,655 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SERUM BIOMARKERS OF HEPATITIS B VIRUS INFECTED LIVER AND METHODS FOR DETECTION THEREOF

• BIOMARQUEURS SERIQUES D'UN FOIE INFECTE PAR LE VIRUS DE L'HEPATITE B ET PROCEDE DE DETECTION DE CEUX-CI

(71) THE UNIVERSITY OF HONG KONG [CN/CN]; G18, Eliot Hall, Pokfulam Road, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72) HE, Qingyu; 20C, Block 2, Kwong Fun Terrace, Sai Ying Pun, Hong Kong (CN). CHIU,

- Jenfu**; Flat B3, Block 3, Pine Court, 23 Sha Wan Drive, Victoria Road, Pokfulam, Hong Kong (CN). **LAU, K., K., George**; Flat 6A, Tower II, The Tregunter, 14 Tregunter Path, Hong Kong (CN). **ZHOU, Yuan**; Flat H, 14th Floor, Block 17, South Horizon, Ap Lei Chau, Hong Kong (CN).
- (74) **CHINA PATENT AGENT (H. K.) LTD.**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097034** (13) A2
- (21) PCT/EP2004/004164
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 03010004.4 **2 May/mai 2003 (02.05.2003)** EP
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN TRANSMEMBRANE SERINE PROTEASE 4 (TMPRSS4)**
- **AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES A LA SERINE PROTEASE 4 TRANSMEMBRANAIRE HUMAINE (TMPRSS4)**
- (71) **BAYER HEALTHCARE AG** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOLZ, Stefan** [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). **BRÜGGE-MEIER, Ulf** [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). **GEERTS, Andreas** [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE). **POLEJ, Stefanie** [DE/DE]; Feldstr. 10, 78315 Radolfzell (DE).
- (74) **BAYER HEALTHCARE AG**; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097036** (13) A2
- (21) PCT/US2004/011092
- (22) **9 Apr/avr 2004 (09.04.2004)**
- (25) en (26) en
- (30) 10/423,112 **25 Apr/avr 2003 (25.04.2003)** US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **OPTICAL DETECTOR FOR ENZYME ACTIVATION**
- **DETECTEUR OPTIQUE D'ACTIVATION ENZYMATIQUE**
- (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) **SOYKAN, Orhan** [US/US]; 5255 Oxford Street North, Shoreview, MN 55126 (US). **DONOVAN, Maura, G.** [US/US]; 459 Woodlawn Avenue, St. Paul, MN

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/00

(11) **WO 2004/097035** (13) A1

(21) PCT/GB2004/001806

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 0309905.8 **30 Apr/avr 2003 (30.04.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **ELECTROCHEMICAL SENSING ASSAYS INVOLVING DRUG METABOLISING ENZYMERS**

• **BIOANALYSES DE DETECTION ELECTROCHIMIQUE METTANT EN JEU DES ENZYMES METABOLISANT LES MEDICAMENTS**

(71) **E2V TECHNOLOGIES (UK) LIMITED** [GB/GB]; 106 Waterhouse Lane, Chelmsford, Essex CM1 2QU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILBERT, Richard** [GB/GB]; 3 Riverbank Court, Shrublands Close, Chelmsford, Essex CM2 6WY (GB).

(74) **THORNTORN, Neil**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097036** (13) A2

(21) PCT/US2004/011092

(22) **9 Apr/avr 2004 (09.04.2004)**

(25) en (26) en

(30) 10/423,112 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **OPTICAL DETECTOR FOR ENZYME ACTIVATION**

• **DETECTEUR OPTIQUE D'ACTIVATION ENZYMATIQUE**

(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) **SOYKAN, Orhan** [US/US]; 5255 Oxford Street North, Shoreview, MN 55126 (US). **DONOVAN, Maura, G.** [US/US]; 459 Woodlawn Avenue, St. Paul, MN

55105 (US). **THOMPSON, Amy, Elizebeth** [US/US]; 12080 Magnolia Street Northwest, Coon Rapids, MN 55448 (US).

(74) **WOLDE-MICHAEL, Girma 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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 C12Q 1/02

(11) **WO 2004/097037** (13) A1

(21) PCT/JP2004/005085

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) ja (26) ja

(30) 2003-121701 **25 Apr/avr 2003 (25.04.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MICROORGANISM STAINING AGENT AND USE THEREOF**

• **AGENT DE COLORATION DE MICRO-ORGANISME ET UTILISATION ASSOCIEE**

(71) **SSP CO., LTD.** [JP/JP]; 12-4, Nihonbashihamacho 2-chome, Chuo-ku, Tokyo 1038481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NASHIMOTO, Koji** [JP/JP]; 2-23-9, Hiragakuendai, Inbamura, Inba-gun, Chiba 2701606 (JP). **ISHIDA, Kazuya** [JP/JP]; 1-7-11, Kozunomori, Narita-shi, Chiba 2860048 (JP). **IKEDA, Yasuo** [JP/JP]; 6-7-20-307, Tsudanuma, Narashino-shi, Chiba 2750016 (JP). **HANAOKA, Yoshiaki** [JP/JP]; 276-41, Warabi, Yotsukaido-shi, Chiba 2840044 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 2004/097038 (13) A1

(21) PCT/CA2004/000586

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/466,523 29 Apr/avr 2003 US
(29.04.2003)

(30) 60/509,755 8 Oct/oct 2003 US
(08.10.2003)

(30) 10/770,307 2 Feb/fév 2004 US
(02.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR IDENTIFYING AND
MANAGING LIVESTOCK BY GENO-
TYPE

• PROCEDES PERMETTANT
D'IDENTIFIER ET DE GERER UN
CHEPTEL VIF PAR GENOTYPE

(71) QUANTUM GENETICS IRELAND LIM-
ITED [IE/IE]; 26 Upper Pembroke Street,
Dublin (IE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MARQUESS, Foley, Leigh, Shaw
[CA/CA]; Box 73, Gem, Alberta T0J 1M0
(CA).

(74) SMART & BIGGAR et al. / etc.; Suite 2200,
650 West Georgia Street, Box 11560, Vancou-
ver Centre, Vancouver, British Columbia V6B
4N8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 2004/097039 (13) A2

(21) PCT/CA2004/000656

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/429,656 2 May/mai 2003 US
(02.05.2003)

(30) 10/833,543 27 Apr/avr 2004 US
(27.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIOSYNTHETIC PLATFORM FOR
CARDIOPROTECTIVE GENE EX-
PRESSION USING NEONATAL IMMA-
TURE AND FETAL HEART TISSUE

• PLATE-FORME BIOSYNTHETIQUE
POUR L'EXPRESSION DE GENES
CARDIOPROTECTEURS AU MOYEN
DE TISSUS IMMATURES NEONA-
TALS ET DE TISSUS CARDIAQUES
FOETAUX

(71) THE HOSPITAL FOR SICK CHILDREN
RESEARCH INSTITUTE [CA/CA]; 555
University Avenue, Toronto, Ontario M5G
1X8 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72) COLES, John, G.; 25 Lampart Avenue,
Toronto, Ontario M4W 1S7 (CA). VAN AR-
SDELL, Glen; 77 Garrard Street W., Apt.
#2501, Toronto, Ontario M5G 2A1 (CA).
TAKAHASHI, Mark; Max Bell Research
Centre 5-506, 101 College Street, Toronto,
Ontario M5G 1L7 (CA).

(74) MORROW, Joy, D. et al. / etc.; Smart &
Biggar, P.O. Box 2999, Station D, 900-55
Metcalfe Street, Ottawa, Ontario K1P 5Y6
(CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 2004/097040 (13) A1

(21) PCT/EP2004/004239

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 20 519.5 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE DETECTION OF
INFECTIOUS POSITIVE-STRAND
RNA VIRUSES, ESPECIALLY INFE-
CTIOUS ENTEROVIRUSES

• PROCEDE DE DETECTION DE VIRUS
D'UN BRIN(+) D'ARN INFECTIEUX,
EN PARTICULIER, D'ENTEROVIRUS
INFECTIEUX

(71) 4BASE LAB GMBH ADVANCED
MOLECULAR ANALYSIS [DE/DE];
Aspenhaustrasse 25, 72770 Reutlingen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TOUGIANIDOU, Despina [DE/DE];
Reutlinger Str. 4-2, 72127 Kusterdingen
(DE). BAYER, Manfred [DE/DE]; Wein-
bergweg 10, 72070 Tübingen (DE). MAIER,

Thomas [DE/DE]; Im Felgenbächle 5, 72760
Reutlingen (DE).

(74) OTTEN, Hajo et al. / etc.; Witte, Weller
& Partner, Postfach 105462, 70047 Stuttgart
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C12Q 1/68

(11) WO 2004/097041 (13) A2

(21) PCT/EP2004/004387

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309397.8 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREENING METHODS

• METHODES DE CRIBLAGE

(71) BIOINVENT INTERNATIONAL AB
[SE/SE]; Solvegatan 41, S-223 70 Lund (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PERSSON, Helena [SE/SE]; Edward
Lindahlgatan 14A, S-217 42 Malmö (SE).
OHLIN, Mats [SE/SE]; Rådmansgatan 23
C, S-211 46 Malmö (SE).

(74) THOMAS, Philip; Eric Potter Clarkson,
Park View House, 58 The Ropewalk, Not-
tingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C12Q 1/68, C12N 15/11

(11) WO 2004/097042 (13) A1

(21) PCT/EP2004/050669

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 478.9 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIRNA SELECTION METHOD

• PROCEDE DE SELECTION DE SIARN

(71) UNIVERSITÄT ZU KÖLN [DE/DE]; Albertus-Magnus-Platz, 50923 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUCH, Thorsten [DE/DE]; Burgunderstr. 18, 50677 Köln (DE). WAISMAN, Ari [IS/DE]; Stollwerckhof 8, 50678 Köln (DE).

(74) HELBING, Jörg et al. / etc.; Von Kreisler Selting Werner, Postfach 10 22 41, 50462 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)

(51)⁷ C12Q 1/68

(11) WO 2004/097043 (13) A1

(21) PCT/GB2004/001803

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309396.0 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXCIPLEXES

• EXCIPLEXES

(71) THE VICTORIA UNIVERSITY OF MANCHESTER [GB/GB]; Oxford Road, Manchester M13 9PL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOUGLAS, Kenneth, Thomas [GB/GB]; 8 Wharf Close, Jutland Street, Manchester M1 2WE (GB). BICHENKOVA, Elena, Vladimirovna [LV/GB]; 5 Hilton Road, Manchester M22 4ZD (GB). SAVAGE, Hannah [GB/GB]; 1 Cooper's Close, Leek, Staffordshire ST13 8JL (GB). SARDARIAN, Alireza [IR/IR]; University of Shiraz, College of Sciences, Department of Chemistry, Shiraz 71454 (IR).

(74) ATKINSON, Peter, Birch; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 C12Q 1/68, A01K 67/027, C12N 15/63

(11) WO 2004/097044 (13) A1

(21) PCT/GB2004/001848

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309776.3 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF DIAGNOSIS A GENETIC SUSCEPTIBILITY FOR BONE DAMAGE

• METHODE DE DIAGNOSTIC D'UNE SUSCEPTIBILITE A DES LESIONS OSSEUSES

(71) OXAGEN LIMITED [GB/GB]; 91 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNETT, Simon, Thomas [GB/GB]; Florence Corner, Fishers Lane, Charlbury, Oxfordshire OX7 3RX (GB). EDWARDS, Mark [GB/GB]; Watlington Road, Cowley, Oxfordshire OX4 5LY (GB).

(74) CORNISH, K., V., J. 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).

Published / Publiée : (c)

(51)⁷ C12Q 1/68

(11) WO 2004/097045 (13) A1

(21) PCT/GB2004/001905

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 0310060.9 1 May/mai 2003 GB (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIAGNOSTIC ASSAY FOR ANKYLOSING SPONDYLITIS

• METHODE DIAGNOSTIQUE POUR LA SPONDYLITE ANKYLOSANTE

(71) ISIS INNOVATION LIMITED [GB/GB]; University Offices, Wellington Square, Oxford OX1 2JD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWN, Matthew, Arthur [AU/GB]; Institute of Musculoskeletal Sciences, University of Oxford, The Botnar Research Centre, Nuffield Orthopaedic Centre, Windmill Road, Headington OX3 7LD (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 2004/097046 (13) A1

(21) PCT/GB2004/001921

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310096.3 1 May/mai 2003 GB (01.05.2003)

(30) 0325170.9 28 Oct/oct 2003 GB (28.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STABLE INTERNAL STANDARD FOR PCR AND RT-PCR REACTIONS

• STANDARD INTERNE STABLE POUR REACTIONS PCR ET RT-PCR

(71) ISIS INNOVATION LIMITED [GB/GB]; Ewert House, Ewert Place, Summertown, Oxfordshire OX2 7SG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DINGLE, Kate [GB/GB]; Nuffield Department of Clinical Sciences, Oxford University, John Radcliffe Hospital, Oxford OX3 9DU (GB).

(74) CORNISH, K., V., J. 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 C12Q 1/68, C12N 9/64, 15/57, A61K 38/48, A61P 3/06
- (11) WO 2004/097047 (13) A1
- (21) PCT/IB2004/001686
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 03291025.9 25 Apr/avr 2003 EP (25.04.2003)
- (30) 60/538,231 23 Jan/jan 2004 US (23.01.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MUTATIONS IN THE HUMAN PCSK9 GENE ASSOCIATED TO HYPERCHOLESTEROLEMIA
- GENE CAUSAL DE L'HYPERCHOLESTEROLEMIE HUMAINE ET SON APPLICATION
- (71) INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABI FADEL, Marianne [LB/LB]; Maisson Georges Youssef Deabes El Achkar, Face Banque Crédit Libanais, Broummana (LB). BOILEAU, Catherine [FR/FR]; 7, rue des Guillemites, F-75004 Paris (FR). RABES, Jean-Pierre [FR/FR]; 15, rue Bracquemond, F-92310 Sevres (FR). SEIDAH, Nabil, G. [CA/CA]; 100 avenue des Sommets, App. 1101, Iles des Soeurs (Verdun), Quebec H3E 1Z8 (CA). VARRET, Mathilde [FR/FR]; 159, avenue de la Réplubique, F-92320 Chatillon (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 C12Q 1/68
- (11) WO 2004/097048 (13) A1
- (21) PCT/JP2004/006214
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 2003-124024 28 Apr/avr 2003 JP (28.04.2003)
- (30) 2003-143465 21 May/mai 2003 JP (21.05.2003)
- (30) 2003-172030 17 Jun/juin 2003 JP (17.06.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROCESS FOR ASSAY OF NUCLEIC ACID BY COMPETITIVE HYBRIDIZATION USING A DNA MICROARRAY
- PROCESSUS DE DOSAGE D'ACIDES NUCLEIQUES PAR HYBRIDATION COMPETITIVE AU MOYEN D'UN MICRORESEAU D'ADN
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHII, Hiroto [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). YAMAMOTO, Nobuko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). KIMURA, Keiko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12Q 1/68, C12P 19/34, C12N 5/00, 15/00, 15/63, A01N 43/04, C07H 21/02, 21/04
- (11) WO 2004/097049 (13) A1
- (21) PCT/US2003/009808
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA
- OLIGORIBONUCLEOTIDES ET RIBONUCLEASES DE CLIVAGE D'ARN
- (71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).
- (74) ATTWELL, Gwilym, J., O.; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 1/68
- (11) WO 2004/097050 (13) A1
- (21) PCT/US2004/013178
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 60/466,552 28 Apr/avr 2003 US (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHODS FOR IN SITU HYBRIDIZATION WITHOUT THE NEED FOR COMPETITOR DNA
- METHODES D'HYBRIDATION <I>IN SITU</I> SANS RECOURS A L'ADN COMPETITEUR
- (71) EXAGEN DIAGNOSTICS, INC. [US/US]; 801 University Boulevard, SE, Suite 209, Albuquerque, NM 87106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIS, Lisa [US/US]; 3204 Loma Vista Place, NE, Albuquerque, NM 87106 (US).
- (74) HARPER, David, S.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12Q 1/68
- (11) WO 2004/097051 (13) A2
- (21) PCT/US2004/013230
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 60/466,055 29 Apr/avr 2003 US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND APPARATUSES FOR DIAGNOSING AML AND MDS

• TECHNIQUES ET APPAREILS DE DIAGNOSTIC DE LAM ET DE MDS

(71) WYETH [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURCZYNSKI, Michael, E. [US/US]; 71 Franklin Avenue, Swampscott, MA 01907 (US). DORNER, Andrew [US/US]; 20 Baskin Road, Lexington, MA 02421 (US). TWINE, Natalie, C. [US/US]; 379 Shirley Hill Road, Goffstown, NH 03045 (US). TREPICCHIO, William, L. [US/US]; 21 Abbott Ridge Drive, Andover, MA 01810 (US). STOVER, Jennifer [—/US]; 146 Ipswich Road, Topsfield, MA 01983 (US).

(74) VAN DYKE, Raymond; Nixon Peabody LLP, 401 9th Street N.W., Washington, D.C. 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 C12Q 1/68

(11) WO 2004/097052 (13) A2

(21) PCT/US2004/013587

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,067 29 Apr/avr 2003 US (29.04.2003)

(30) 60/538,246 23 Jan/jan 2004 US (23.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS FOR PROGNOSIS AND TREATMENT OF SOLID TUMORS

• PROCEDES DE PRONOSTIC ET DE TRAITEMENT DE TUMEURS SOLIDES

(71) WYETH [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) STRAHS, Andrew [US/US]; 30 McKinley Street, Maynard, MA 01754 (US).

(72) TREPICCHIO, William, L.; 21 Abbott Ridge Drive, Andover, MA 01810 (US).

(72, 75) BURCZYNSKI, Michael, E. [US/US]; 71 Franklin Avenue, Swampscott, MA 01907 (US). TWINE, Natalie, C. [US/US]; 379 Shirley Hill Road, Goffstown, NH 03045 (US). SLONIM, Donna, K. [US/US]; 799 Dale Street, North Andover, MA 01845 (US). IMMERMANN, Fred [US/US]; 194 Haverstraw Road, Suffern, NY 10901 (US). DORNER, Andrew, J. [US/US]; 20 Baskin Road, Lexington, MA 02421 (US).

(74) VAN DYKE, Raymond; 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).

Published / Publiée : (q2)

(51)⁷ C14B 11/00, 9/00

(11) WO 2004/097053 (13) A1

(21) PCT/IB2004/000478

(22) 25 Feb/fév 2004 (25.02.2004)

(25) it (26) en

(30) MI2003A000881 30 Apr/avr 2003 IT (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR SURFACE FINISHING OF EDGES OF HIDE, LEATHER AND SIMILAR MATERIALS

• PROCEDE ET APPAREIL DE FINITION DE LA SURFACE DE BORDS DE CUIRS, PEAUX ET MATERIAUX SIMILAIRES

(71) GALLI S.P.A. [IT/IT]; Via Cellini, 49/10, I-27029 Vigevano (Pavia) (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GALLI, Emilio [IT/IT]; Via Cellini, 49/10, I-27029 Vigevano (Pavia) (IT).

(74) TANSINI, Elio, Fabrizio; Bugnion S.p.A., Viale Lancetti, 17, I-20158 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C21C 5/46

(11) WO 2004/097054 (13) A1

(21) PCT/CA2004/000651

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2,427,409 1 May/mai 2003 CA (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COOLING SYSTEM FOR A TRUNION RING OF A TILTING OR TIPPING METALLURGICAL FURNACE VESSEL

• SYSTEME DE REFROIDISSEMENT POUR ANNEAU A TOURILLON D'ENVELOPPE DE FOUR DE METALLURGIE INCLINABLE OU BASCULANT

(71) WHITING EQUIPMENT CANADA INC. [CA/CA]; Box 217, 350 Alexander Street, Welland, Ontario L3P 5P4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KROEKER, H.-Rudi [CA/CA]; 9 Longspur Circle, Fonthill, Ontario L0S 1E2 (CA). DUNCAN, Wayne [CA/CA]; 62 Woodside Square, Fonthill, Ontario L0S 1E4 (CA).

(74) RIDOUT & MAYBEE LLP; One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C22B

(11) WO 2004/097055 (13) A2

(21) PCT/EP2004/004462

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 103 19 625.0 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND PLANT FOR THE HEAT TREATMENT OF SOLIDS CONTAINING IRON OXIDE

• PROCEDE ET INSTALLATION PERMETTANT DE TRAITER THERMIQUEMENT DES SOLIDES CONTENANT DE L'OXYDE DE FER

(71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REISSER, Franz [DE/DE]; Rheinstrasse 42, 63477 Maintal (DE). STEUER, Klaus [DE/DE]; Am Wiesengrund 24, 65510 Hünstetten (DE). HIRSCH, Martin [DE/DE]; Am Vogelschutz 5, 61381 Friedrichsdorf (DE).

(74) KEIL & SCHAAFHAUSEN; Cronstettenstrasse 66, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097056 (13) A2

(21) PCT/US2004/013125

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,207 29 Apr/avr 2003 US
(29.04.2003)

(30) 10/636,006 7 Aug/août 2003 US
(07.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTI-TARNISH SILVER ALLOY

• ALLIAGE D'ARGENT ANTITERNIS-
SURE

(71) STERIDYNE LABORATORIES, INC.
[US/US]; 22 Hillwood Road, East Brunswick,
NJ 08816 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CROCE, Scott, M. [US/US]; 22 Hill-
wood Road, East Brunswick, NJ 08816 (US).

(74) ABBRUZZESE, Salvatore, J. et al. / etc.;
Hoffmann & Baron, LLP, 6900 Jericho Turn-
pike, Syosset, 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 C22C

(11) WO 2004/097057 (13) A2

(21) PCT/US2004/013367

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,626 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPERDEFORMABLE/HIGH
STRENGTH METAL ALLOYS

• ALLIAGES DE METAUX A HAUTE RE-
SISTANCE/SUPERDEFORMABLES

(71, 72) HAILEY, Robert [US/US]; 20-F
Avenida Castilla, Laguna Woods, CA 92653
(US).

(74) RUTAN & TUCKER, LLP et al. / etc.; P.O.
Box 1950, 611 Anton Blvd., 14th Floor, Costa
Mesa, CA 92628-1950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ C22C 38/00, 38/58, C21D 9/46, F16D
65/12

(11) WO 2004/097058 (13) A1

(21) PCT/JP2004/005934

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-124027 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MARTENSITIC STAINLESS STEEL
FOR DISC BRAKE

• ACIER INOXYDABLE MARTENSI-
TIQUE POUR FREIN A DISQUE

(71) JFE STEEL CORPORATION [JP/JP];
2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku,
Tokyo, 1000011 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HIRASAWA, Junichiro [JP/JP]; c/o In-
tellectual Property Dept., JFE STEEL COR-
PORATION, 2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo, 1000011 (JP). OZAKI,
Yoshihiro [JP/JP]; c/o Intellectual Prop-
erty Dept., JFE STEEL CORPORATION, 2-3,
Uchisaiwai-cho 2-chome, Chiyoda-ku,
Tokyo, 1000011 (JP). UJIRO, Takumi
[JP/JP]; c/o Intellectual Property Dept.,
JFE STEEL CORPORATION, 2-3, Uchi-
saiwai-cho 2-chome, Chiyoda-ku, Tokyo,
1000011 (JP). FURUKIMI, Osamu [JP/JP];
c/o Intellectual Property Dept., JFE STEEL
CORPORATION, 2-3, Uchisaiwai-cho
2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

(74) OCHIAI, Kenichiro; c/o Intellectual Prop-
erty Dept., JFE STEEL CORPORATION,
2-3, Uchisaiwai-cho 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 38/42, 38/46, 38/48, 38/50

(11) WO 2004/097059 (13) A1

(21) PCT/MX2003/000038

(22) 25 Apr/avr 2003 (25.04.2003)

(25) es (26) es

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEAMLESS STEEL TUBE WHICH IS
INTENDED TO BE USED AS A GUIDE
PIPE AND PRODUCTION METHOD
THEREOF

• TUBE EN ACIER SANS JOINTURE
SUSCEPTIBLE D'ETRE UTILISE
COMME CANALISEUR ET PROCEDE
D'OBTENTION

(71) TUBOS DE ACERO DE MEXICO, S.A.
[MX/MX]; Km. 433.7, Carretera México-Ver-
acruz, Via Xalapa, Cong. Delfino Victoria,
C.P. 91697, Veracruz, Ver. (MX). DALMINE
S.P.A. [IT/IT]; Piazza Caduti 6 Luglio 1944,
1, I-24044 Dalmine (IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TIVELLI, Marco, Mario [AR/MX];
Km. 433.7, Carretera México-Veracruz,
Via Xalapa, Cong. Delfino Victoria, C.P.
91697, Veracruz, Ver. (MX). IZQUIERDO
GARCIA, Alfonso [MX/MX]; Km. 433.7,
Carretera México-Veracruz, Via Xalapa,
Cong. Delfino Victoria, C.P. 91697, Ver-
acruz, Ver. (MX). COLLELUORI, Dionino
[IT/MX]; Km. 433.7, Carretera México-Ver-
acruz, Via Xalapa, Cong. Delfino Victoria,
C.P. 91697, Veracruz, Ver. (MX). CUMINO,
Guiseppe [IT/MX]; Km. 433.7, Carretera
México-Veracruz, Via Xalapa, Cong. Delfino
Victoria, C.P. 91697, Veracruz, Ver. (MX).

(74) MUÑOZ GONZALEZ, Luis, Alfonso;
Km. 433.7, Carretera México-Veracruz, Via
Xalapa, Cong. Delfino Victoria, C.P. 91697
(MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PL PT 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 4/12, B05D 1/10, B05B 7/20, C23C
4/16, 4/04

(11) WO 2004/097060 (13) A1

(21) PCT/FR2004/000952

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04986 23 Apr/avr 2003 FR
(23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLAME COVERING METHOD AND CORRESPONDING DEVICE

- PROCEDE DE REVETEMENT PAR FLAMME ET DISPOSITIF CORRESPONDANT

(71) SAINT-GOBAIN PAM [FR/FR]; 91, Avenue de la Libération, F-54000 NANCY (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOURNIER, Alain [FR/FR]; 15, place Carrière, F-54000 NANCY (FR).
GIRARDIN, Denis [FR/FR]; 16, rue de Blénod, F-54700 MAIDIERES (FR).
CHEZEAU, Michel [FR/FR]; 88, rue Jean Jaurès, F-54820 MARBACHE (FR).
SEC-ONDY, Alain [FR/FR]; 6, rue des Romains, F-57685 AUGNY (FR).

(74) BLOT, Philippe et al. / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C23C 14/06, 16/40

(11) WO 2004/097061 (13) A1

(21) PCT/BR2003/000117

(22) 18 Aug/août 2003 (18.08.2003)

(25) en (26) en

(30) PI0301126-7 28 Apr/avr 2003 BR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF THERMAL SPRAYING WITH NIOBIUM OXIDES AND NIOBIUM ALLOYS DURING THE PRODUCTION PROCESS OF ROLLED STEEL PLATES
• PULVERISATION THERMIQUE AVEC DES OXYDES DE NIOBIUM

(71) COPPE/UFRG - COORDENACÃO DOS PROGRAMAS DE PÓS GRADUAÇÃO DE ENGENHARIA DA UNIVERSIDADE FEDERAL DO RIO DE JANEIRO [BR/BR]; Centro de Tecnologia, S/Nº Bloco G, Ilha do Fundão, CEP 21945-970 Rio de Janeiro - RJ (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIRANDA, Luiz, Roberto, Martins [BR/BR]; Av. Ypiranga 954, Centro, CEP 25610-150 Petrópolis - RJ (BR).
CARVALHO, Ladimir, José [BR/BR]; Rua Firmina Araújo, 195 sb, Campo Grande, CEP-23071-090 Rio de Janeiro, RJ (BR).
PEREIRA, Antônio, Carlos, Gonçalves [BR/BR]; rua Bingen, 333, Centro, CEP-25660-000 Petrópolis, RJ (BR).

(74) CASTRO, Joubert, Gonçalves; Praia de Icarai, 237/1301 B, Icarai, CEP-24230-003 Niterói, RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/08, B23B 27/14

(11) WO 2004/097062 (13) A1

(21) PCT/JP2004/003493

(22) 16 Mar/mar 2004 (16.03.2004)

(25) ja (26) ja

(30) 2003-125518 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ALUMINA PROTECTIVE COATING FILM AND METHOD FOR FORMATION THEREOF

- FILM DE REVETEMENT PROTECTEUR CONTENANT UNE ALUMINE ET PROCEDE DE FABRICATION DUDIT FILM

(71) KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinoamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 6518585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAMAGAKI, Hiroshi [JP/JP]; c/o Takasago Works in KABUSHIKI KAISHA KOBE SEIKO SHO, 3-1, Shinjima 2-chome, Araicho, Takasago-shi, Hyogo 6768670 (JP).
KOHARA, Toshimitsu [JP/JP]; c/o Takasago Works in KABUSHIKI KAISHA KOBE SEIKO SHO, 3-1, Shinjima 2-chome, Araicho, Takasago-shi, Hyogo 6768670 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/10

(11) WO 2004/097063 (13) A2

(21) PCT/JP2004/005875

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003-121527 25 Apr/avr 2003 JP (25.04.2003)

(30) 2003-339748 30 Sep/sep 2003 JP (30.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING SILICON OXIDE FILM AND METHOD FOR PRODUCING OPTICAL MULTILAYER FILM

- PROCEDE POUR PRODUIRE UN FILM D'OXYDE DE SILICIUM ET PROCEDE POUR PRODUIRE UN FILM OPTIQUE MULTICOUCHE

(71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 1008405 (JP).
ASAHI GLASS CERAMICS, CO., LTD. [JP/JP]; 4-1-23, Shiba, Minato-ku, Tokyo 1080014 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKEDA, Toru [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).
MASHIMO, Takahiro [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).
SHIDOJI, Eiji [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).
KAMIYAMA, Toshihisa [JP/JP]; c/o Asahi Glass Ceramics Co., Ltd., 6-1, Umei 5-chome, Takasago-shi, Hyogo 6760074 (JP).
KATAYAMA, Yoshihito [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 14/28, 14/58, 16/44, 16/56

(11) WO 2004/097064 (13) A2

(21) PCT/DE2004/000871

(22) 24 Apr/avr 2004 (24.04.2004)

(25) de (26) de

(30) 103 19 206.9 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND DEVICES FOR REDUCTION OF TENSION IN THIN LAYERS

- PROCEDES ET DISPOSITIFS DE REDUCTION DE TENSION DANS DES COUCHES MINCES
- (71, 72) **REISSE, Günter** [DE/DE]; Waldstrasse 11 a, 09117 Chemnitz (DE). **ROST, Dirk** [DE/DE]; An der Schäferei 14, 09337 Callenberg (DE). **WEISSMANTEL, Steffen** [DE/DE]; Pelzmühlenstrasse 12 b, 09117 Chemnitz (DE).
- (74) **KRAUSE, Wolfgang**; Am Schweizerwald 1, 09648 Mittweida (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 **C23C 16/44, 16/452, 16/30, C30B 25/14, 29/40**
- (11) **WO 2004/097066** (13) A1
- (21) PCT/EP2004/002994
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) de (26) de
- (30) 103 20 597.7 **30 Apr/avr 2003** DE (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND DEVICE FOR DEPOSITING SEMICONDUCTOR LAYERS USING TWO PROCESS GASES, OF WHICH ONE IS PRECONDITIONED
- PROCEDE ET DISPOSITIF POUR DEPOSER DES COUCHES SEMI-CONDUCTRICES AU MOYEN DE DEUX GAZ DE PROCEDE DONT UN EST PRECONDITIONNE
- (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) **STRAUCH, Gerd** [DE/DE]; Schönauser Friede 8, 52072 Aachen (DE). **KÄPPELER, Johannes** [DE/DE]; Zeisigweg 47, 52146 Würselen (DE). **REINHOLD, Markus** [DE/DE]; Schurzelter Strasse 198, 52074 Aachen (DE). **SCHULTE, Bernd** [DE/DE]; Von Goerschen-Strasse 22, 52066 Aachen (DE).
- (74) **GRUNDMANN, Dirk**; 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).
-
- (51)⁷ **C23C 16/26, 16/44, C04B 35/83, G05B 1/00**
- (11) **WO 2004/097065** (13) A2
- (21) PCT/FR2004/001009
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) fr (26) fr
- (30) 03 05194 **28 Apr/avr 2003** FR (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CONTROL OR MODELING OF A METHOD FOR CHEMICAL INFILTRATION IN A VAPOR PHASE FOR THE DENSIFICATION OF POROUS SUBSTRATES BY CARBON
- COMMANDE OU MODELISATION DE PROCEDE D'INFILTRATION CHIMIQUE EN PHASE VAPEUR POUR LA DENSIFICATION DE SUBSTRATS POREUX PAR DU CARBONE.
- (71) **MESSIER-BUGATTI** [FR/FR]; Zone Aéronautique Louis Bréguet, F-78140 VELIZY-VILLACOUBLAY (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SION, Eric** [FR/FR]; 5A Impasse de l'Hôpital, F-67190 MUTZIG (FR). **MARQUAIRE, Paul-Marie** [FR/FR]; 41 rue de la Croix Gagnée, F-54000 NANCY (FR). **FOURNET, René** [FR/FR]; 29 rue des Bouleaux, F-54270 ESSEY LES NANCY (FR). **COME, Guy-Marie** [FR/FR]; 9 rue Churchill, F-54000 NANCY (FR).
- (74) **JOLY, Jean-Jacques** et al. / etc.; CABINET BEAU DE LOMENIE, 158 RUE DE L'UNIVERSITE, F-75340 PARIS CEDEX 07 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C23C 16/455, 16/509**
- (11) **WO 2004/097067** (13) A1
- (21) PCT/IT2003/000264
- (22) **29 Apr/avr 2003 (29.04.2003)**
- (25) it (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GAS EVACUATION DEVICE
- DISPOSITIF D'EVACUATION DE GAZ
- (71) **MICROCOAT S.P.A** [IT/IT]; Via Marie Curie, 1-3, I-20018 Sedriano (IT). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LURIDIANA, Sebastiano** [IT/IT]; Via Marie Curie, 1-3, I-20018 Sedriano (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 GB GD GE GH GM HR HU ID IL IN IS JP KE 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 **C23C 16/505, 16/30**
- (11) **WO 2004/097068** (13) A2
- (21) PCT/FR2004/050163
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) fr (26) fr
- (30) 03/50123 **23 Apr/avr 2003** FR (23.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • POLYMORPHOUS MATERIALS, METHOD FOR PREPARING SAME, AND DEVICE COMPRISING SAME
- MATERIAUX POLYMORPHES, LEUR PROCEDE DE PREPARATION, ET DISPOSITIF LES COMPRENANT
- (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) **GUEDJ, Cyril** [FR/FR]; 19, rue de la Marjoéra, F-38760 Varcès Allières et Risset (FR). **ROCA I CABARROCAS, Pere** [ES/FR]; 13bis, rue Girardot, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 28/00, C25D 9/04, 9/08

(11) WO 2004/097069 (13) A2

(21) PCT/US2004/012676

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,414 25 Apr/avr 2003 US
(25.04.2003)

(30) 60/510,230 8 Oct/oct 2003 US
(08.10.2003)

(30) 60/528,034 9 Dec/déc 2003 US
(09.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PREPARING AND USING SILICATE SYSTEMS TO TREAT ELECTRICALLY CONDUCTIVE SURFACES AND PRODUCTS OBTAINED THEREFROM

• PROCEDE DE PREPARATION ET D'UTILISATION DE SYSTEMES A BASE DE SILICATES AFIN DE TRAITER DES SURFACES ELECTROCONDUCTRICES ET PRODUITS OBTENUS A PARTIR DUDIT PROCEDE

(71) ELISHA HOLDING LLC [US/US]; 2000 US HWY 63 South, Moberly, MO 65270 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HEIMANN, Robert, L.; #2 Sunrise Circle, Centralia, MO 65240 (US). SOUCIE, Wayne, L.; 2801 W. Broadway, N2, Columbia, MI 65203 (US). BASS, Jonathan, L.; 39 Lee Road, Audobon, PA 19403 (US). CHANDRAN, Ravi; 100 Jersey Ave, BLDG. D, New Brunswick, NJ 08901 (US). HEIMANN, Nancy, G.; # 2 Sunrise Circle, Centralia, MO 65240 (US).

(74) BOYER, Michael, Kevin; Orscheln Management CO, 2000 U.S. Highway 63 South, Moberly, MO 65270 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/16, C25F 5/00, 7/00

(11) WO 2004/097070 (13) A1

(21) PCT/EP2004/003818

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 03010059.8 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR REMOVING LAYERS FROM A COMPONENT

• PROCEDE POUR ENLEVER DES COUCHES D'UN COMPOSANT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRÜGER, Ursus [DE/DE]; Mas-solleweg 18C, 14089 Berlin (DE). KÖRTVELYESSY, Daniel [DE/DE]; Hohefeldstrasse 6, 13467 Berlin (DE). REICHE, Ralph [DE/DE]; Bulgenbachweg 15, 13465 Berlin (DE). STEINBACH, Jan [DE/DE]; Buchstrasse 8, 13353 Berlin (DE). WIN-KLER, Gabriele [DE/DE]; Hakenfelder Str. 8B, 13587 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 14/02, C02F 1/58

(11) WO 2004/097071 (13) A1

(21) PCT/JP2004/003701

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-123464 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OXYGEN SCAVENGER AND METHOD OF DEOXIDIZING TREATMENT

• DESOXYGENANT ET TRAITEMENT DE DESOXYDATION

(71) KURITA WATER INDUSTRIES LTD. [JP/JP]; 4-7, Nishi-shinjuku 3-chome, Shinjuku-ku Tokyo, 1600023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMURA, Yukimasa [JP/JP]; c/o KURITA WATER INDUSTRIES LTD., 4-7, Nishi-shinjuku 3-chome, Shinjuku-ku Tokyo, 1600023 (JP). TAKAHASHI, Junichi [JP/JP]; c/o KURITA WATER INDUSTRIES LTD., 4-7, Nishi-shinjuku 3-chome, Shinjuku-ku Tokyo, 1600023 (JP).

(74) SHIGENO, Tsuyoshi; Nissin bldg. 9th floor 5-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo, 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25B 1/04, 9/06, C25D 15/00

(11) WO 2004/097072 (13) A1

(21) PCT/IB2004/050557

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2002/9600 30 Apr/avr 2003 ZA
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR PRODUCING COMBUSTIBLE FLUID

• PROCEDE ET APPAREIL POUR PRODUIRE UN FLUIDE COMBUSTIBLE

(71) HYDROX HOLDINGS LIMITED [ZA/ZA]; 32 Ida Street, Menlyn, 0181 Pretoria (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STARKEY, Norman George [ZA/ZA]; 437 Fay Avenue, Dorandia, 0182 Pretoria (ZA). MIENIE, Derick [ZA/ZA]; 9 Reynhard Street, Helderkruijn, 1724 Roodepoort (ZA). PENTZ, Jacobus Alwyn [ZA/ZA]; 1123 Oortjie Street, Wilgeheuwel, 1736 Roodepoort (ZA). WHITE, Hendrik Christoffel [ZA/ZA]; 40 Marija Street, Wonderboom, 0182 Pretoria (ZA).

(74) D M KISCH INC; P O Box 781218, 2146 SANDTON (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C25B 9/04, H01M 8/02

(11) WO 2004/097073 (13) A1

(21) PCT/EP2003/050130

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIPOLAR PLATE COMPRISING METAL WIRE

• PLAQUE BIPOLAIRE COMPRENANT DES FILS METALLIQUES

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaert-sstraat 2, B-8550 Zwevegem (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANAF, Lieven [BE/BE]; Westerlaan 25 - A2, B-8790 Waregem (BE).

(74) VAN STEENLANDT, Wim; N.V. Bekaert S.A., D.I.E., Bekaertstraat 2, B-8550 Zwevegem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C25C

(11) WO 2004/097074 (13) A2

(21) PCT/US2004/012594

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,654 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS AND APPARATUS FOR POSITIONING REPLACEMENT ANODES IN ELECTROLYTIC CELLS

• PROCEDE ET APPAREIL DE POSITIONNEMENT D'ANODES DE REMPLACEMENT DANS DES CELLULES ELECTROLYTIQUES

(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) GAGNÉ, Jean-Pierre [CA/CA]; STAS Ltée, 1846, Outarde, Chicoutimi, Québec G7K 1H1 (CA). DUFOUR, Gilles [CA/CA]; Alcoa-Aluminerie de Deschambault, 1, boulevard, des Sources, Deschambault, Québec GOA 1S0 (CA). ST-LAURENT, Bertrand [CA/CA]; Alcoa-Aluminerie de Deschambault, 1, boulevard, des Sources, Deschambault, Québec GOA 1S0 (CA). GAUTHIER, Claude [CA/CA]; Alcoa-Aluminerie de Deschambault, 1, boulevard,

des Sources, Deschambault, Québec GOA 1S0 (CA). DENIS, Jacques [CA/CA]; Alcoa-Aluminerie de Deschambault, 1, boulevard, des Sources, Deschambault, Québec GOA 1S0 (CA). BOULIANNE, Robin [CA/CA]; STAS Ltée, 1846, Outarde, Chicoutimi, Québec G7K 1H1 (CA). BOUCHARD, Pierre [CA/CA]; STAS Ltée, 1846, Outarde, Chicoutimi, Québec G7K 1H1 (CA). PELLETIER, Jacques [CA/CA]; STAS Ltée, 1846, Outarde, Chicoutimi, Québec G7K 1H1 (CA).

(74) BEIRIGER, Tracey D. 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 C25C 7/06, 7/02

(11) WO 2004/097075 (13) A1

(21) PCT/AU2004/000550

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2003902048 29 Apr/avr 2003 AU (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS & APPARATUS FOR CATHODE PLATE PRODUCTION

• PROCEDE ET APPAREIL DE PRODUCTION D'UNE PLAQUE CATHODE

(71) M.I.M. HOLDINGS LIMITED [AU/AU]; M.I.M. Plaza, 410 Ann Street, Brisbane, QLD 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBB, Wayne, Keith [AU/AU]; 75 Thirteenth Avenue, Railway East, QLD 4810 (AU). WESTON, Joanne [AU/AU]; 3 Mannersley Place, Annandale, QLD 4814 (AU).

HEFEREN, Graham [AU/AU]; 61 First Avenue, Railway Estate, QLD 4810 (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).

(51)⁷ C25C 7/06

(11) WO 2004/097076 (13) A1

(21) PCT/AU2004/000565

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003902095 1 May/mai 2003 AU (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATHODE PLATE
• PLAQUE CATHODE

(71) MOUNT ISA MINES LIMITED [AU/AU]; Hunter Street, Stuart, Queensland 4811 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBB, Wayne, Keith [AU/AU]; 75 Thirteenth Avenue, Railway Estate, Queensland 4810 (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).

(51)⁷ C25F 3/12

(11) WO 2004/097077 (13) A2

(21) PCT/DE2004/000864

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 995.5 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE ETCHING OF PERMEABLE MEMBRANES MADE FROM SEMICONDUCTOR MATERIALS

USING MACRO- AND MESO-PORE ETCHING

- PROCEDE DE GRAVURE DE MEMBRANES PERMEABLES A PARTIR DE MATERIAUX SEMICONDUCTEURS PAR GRAVURE DE MACRO- ET MESOPORES

(71) CHRISTIAN-ALBRECHTS-UNIVERSITÄT ZU KIEL [DE/DE]; Olshausenstrasse 40, 24118 Kiel (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOELL, Helmut [DE/DE]; Kitzberger Weg 8, 24248 Moenkeberg (DE). CARSTENSEN, Juergen [DE/DE]; Heintzestr. 1, 24143 Kiel (DE). CHRISTOPHERSEN, Marc [DE/US]; 8230 Gradington DR, Westerville, OH 43081-8964 (US).

(74) BIEHL, Christian; c/o Boehmert & Boehmert, Niemannsweg 133, 24105 Kiel (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 C25F 7/00, 3/00

(11) WO 2004/097078 (13) A1

(21) PCT/JP2004/005766

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003-124236 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTROLYTIC PROCESSING APPARATUS AND METHOD

- APPAREIL ET PROCEDE DE TRAITEMENT ELECTROLYTIQUE

(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)

(71, 72) MORI, Yuzo [JP/JP]; 8-16-19, Kisaichi, Katano-shi, Osaka 5760033 (JP).

(72, 75) KOBATA, Itsuki [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). TOMA, Yasushi [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 2518502 (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).

Published / Publiée : (c)

(51)⁷ C30B

(11) WO 2004/097079 (13) A2

(21) PCT/US2004/012642

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,694 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOURCE MATERIAL FEEDER APPARATUS FOR INDUSTRIAL CRYSTAL GROWTH SYSTEMS

- APPAREIL DE DISTRIBUTION DE MATIERE BRUTE POUR SYSTEMES DE CROISSANCE DE CRISTAUX INDUSTRIELS

(71, 72) FICKETT, Bryan [US/US]; 22962 SR 14, Washougal, WA 98671 (US).

(72, 75) BUSHMAN, Robert [US/US]; 6411 Smoketree Avenue, Oak Park, CA 91377 (US).

(74) BORROWMAN, Aaron, T. et al. / etc.; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/06, 15/10, C03B 19/04, 20/00

(11) WO 2004/097080 (13) A1

(21) PCT/JP2004/006020

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-126490 1 May/mai 2003 JP (01.05.2003)

(30) 2003-141702 20 May/mai 2003 JP (20.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • QUARTZ GLASS CRUCIBLE FOR PULLING UP SILICON SINGLE CRYSTAL AND METHOD FOR MANUFACTURE THEREOF

- CREUSET EN VERRE DE QUARTZ SERVANT A ETIRER UN CRISTAL DE SILICIUM UNIQUE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) SHIN-ETSU QUARTZ PRODUCTS CO., LTD. [JP/JP]; 22-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHAMA, Yasuo [JP/JP]; c/o Tekefu Plant, Shin-Etsu, Quartz Products Co., Ltd., 2-13-60, Kitago, Takefu-shi, Fukui 915-0802 (JP).

(74) HATTORI, Heihachi; 9, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 29/10, G02F 1/09, H01F 1/00

(11) WO 2004/097081 (13) A1

(21) PCT/JP2004/003373

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-127602 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSPARENT FERROMAGNETIC ALKALI/CHALCOGENIDE COMPOUND COMPRISING SOLID SOLUTION OF TRANSITION METAL OR RARE EARTH METAL AND METHOD OF REGULATING FERROMAGNETISM THEREOF

- COMPOSE ALCALI/CHALCOGENURE FERROMAGNETIQUE TRANSPARENTE COMPRENANT UNE SOLUTION SOLIDE D'UN METAL DE TRANSITION OU D'UN METAL DES TERRES RARES ET PROCEDE PERMETTANT DE REGULER LE FERROMAGNETISME DUDIT COMPOSE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIDA, Hiroshi [JP/JP]; 82-4, Daiwa Higashi 2-chome, Kawanishi-shi, Hyogo 666-0111 (JP). SEIKE, Masayoshi [JP/JP]; 2-18, Nishikigaoka 4-chome, Uozumicho, Akashi-shi, Hyogo 674-0081 (JP). SATO, Kazunori [JP/JP]; Room 201, 16-3, Onohara Higashi 4-chome, Minoh-shi, Osaka 562-0031 (JP). YANASE, Akira [JP/JP]; 11-6, Nishi-chiyogaoka 3-chome, Nara-shi, Nara 631-0046 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome,

- Isogo-ku, Yokohama-shi, Kanagawa
235-0036 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 29/58
- (11) WO 2004/097082 (13) A1
- (21) PCT/JP2004/006147
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-124085 28 Apr/avr 2003 JP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • APPARATUS FOR SCREENING
PROTEIN CRYSTALLIZATION CON-
DITIONS
- APPAREIL DE CRIBLAGE DES
CONDITIONS DE CRISTALLISATION
DES PROTEINES
- (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) MOTEGI, Itsuro; MATSUZAKI,
Hirofumi; KITAHARA, Hideyoshi; T-
SUKAMOTO, Mitsuhaya; SHIMOOGAWA,
Kouji; MAGOORI, Masataka; HIGUCHI,
Akira
- (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).
- Published / Publiée : (c)
-
- (51)⁷ D01F 1/10, 6/62, 6/06, 6/60, C08L 33/12
- (11) WO 2004/097083 (13) A1
- (21) PCT/EP2004/003645
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) de (26) de
- (30) 103 19 761.3 30 Apr/avr 2003 DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ELONGATION-INCREASING AGENT
FOR THE PRODUCTION OF
SYNTHETIC THREADS FROM
MELT-SPINNABLE FIBER-FORM-
ING MATRIX POLYMERS
- AGENT AUGMENTANT LA DILATA-
TION DESTINE A LA PRODUCTION
DE FILS SYNTHETIQUES A PARTIR
DE MATRICES POLYMERIQUES FOR-
MANT DES FIBRES ET FILABLES A
CHAUD
- (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) KLEIN, Alexander [DE/DE]; Im
Bienengarten 4, 55218 Ingelheim (DE).
SCHWIND, Helmut [DE/DE]; Treuener-
strasse 5, 63457 Hanau (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ D01F 9/127
- (11) WO 2004/097084 (13) A1
- (21) PCT/JP2004/005787
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 2003-120877 25 Apr/avr 2003 JP
(25.04.2003)
- (30) 2004-073131 15 Mar/mar 2004 JP
(15.03.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF PRODUCING VA-
POR-GROWN CARBON FIBERS
- PROCEDE DE PRODUCTION DE
FIBRES DE CARBONE TIREES A
LA VAPEUR
- (71) SHOWA DENKO K.K. [JP/JP]; 13-9,
Shiba Daimon 1-chome, Minato-ku, Tokyo
1058518 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HIGASHI, Tomoyoshi [JP/JP]; c/o Cor-
porate R & D Center (Kawasaki), Showa
Denko K.K., 5-1, Ogimachi, Kawasaki-ku,
Kawasaki-shi, Kanagawa 2100867 (JP).
KAMBARA, Eiji [JP/JP]; c/o Corporate R
& D Center (Kawasaki), Showa Denko K.K.,
5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi,
Kanagawa 2100867 (JP). TSUJI, Kat-
suyuki [JP/JP]; c/o Corporate R & D Center
(Kawasaki), Showa Denko K.K., 5-1, Ogi-
machi, Kawasaki-ku, Kawasaki-shi, Kana-
gawa 2100867 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ D01H 5/74
- (11) WO 2004/097085 (13) A1
- (21) PCT/EP2004/003332
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 103 20 526.8 30 Apr/avr 2003 DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • EXCHANGEABLE SLIP-ON REIN-
FORCEMENT FOR A PRESS ROLLER
BASE BODY ON SPINNING MACHINE
DRAWING FRAMES
- ARMATURE REMPLAÇABLE POU-
VANT ETRE GLISSEE SUR DES
CORPS DE BASE DE CYLINDRES
DE PRESSION DE BANCS D'ETIRAGE
DE METIERS A FILER
- (71) MASCHINENFABRIK RIETER AG
[CH/CH]; Klosterstrasse 20, CH-8406 Win-
terthur (CH).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SCHÄFFLER, Gernot [DE/DE];
Narzissenweg 4, 73116 Wäsenbeuren
(DE).
- (74) PATENTANWÄLTE RUFF WILHELM
BEIER DAUSTER & PARTNER;
ZUSAMMENSCHLUSS NR. 16; Kro-
nenstr. 30, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ D02G 1/16, D02J 1/08
- (11) WO 2004/097086 (13) A1
- (21) PCT/CH2004/000199

- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 754/03 30 Apr/avr 2003 CH (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DIE BASE AND METHOD FOR PRODUCTION OF A DIE BASE
- PLAQUE A JET D'AIR ET PROCEDE DE FABRICATION D'UNE PLAQUE A JET D'AIR
- (71) HEBERLEIN FIBERTECHNOLOGY, INC. [CH/CH]; Bleikenstrasse 11, CH-9630 Wattwil (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIMMEN, Christian [CH/CH]; Kronwiese 9, CH-9630 Wattwil (CH). BERTSCH, Gotthilf [CH/CH]; Pozzistrasse 2, CH-9642 Ebnat-Kappel (CH).
- (74) ACKERMANN, Ernst; Egghalde, CH-9231 Egg-Flawil (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 D02G 1/16, D02J 1/08
- (11) WO 2004/097087 (13) A1
- (21) PCT/CH2004/000200
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 755/03 30 Apr/avr 2003 CH (30.04.2003)
- (30) 1278/03 22 Jul/juil 2003 CH (22.07.2003)
- (30) 80/04 22 Jan/jan 2004 CH (22.01.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SLIDEJET RELEASE LEVER
- LEVIER DE DEGAGEMENT SLIDEJET
- (71) HEBERLEIN FIBERTECHNOLOGY, INC. [CH/CH]; Bleikenstrasse 11, CH-9630 Wattwil (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIMMEN, Christian [CH/CH]; Kronwiese 9, CH-9630 Wattwil (CH).
- (74) ACKERMANN, Ernst; Egghalde, CH-9231 Egg-Flawil (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.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ D02G 3/04, D04H 1/42
- (11) WO 2004/097088 (13) A1
- (21) PCT/JP2004/005583
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) ja (26) ja
- (30) 2003-123269 28 Apr/avr 2003 JP (28.04.2003)
- (30) 2003-125162 30 Apr/avr 2003 JP (30.04.2003)
- (30) 2003-125161 30 Apr/avr 2003 JP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FLAME-RETARDANT FIBER COMPOSITE AND FABRIC PRODUCED THEREFROM
- COMPOSITE EN FIBRE IGNIFUGE ET TISSU DERIVE
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku Osaka-shi, Osaka 5308288 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIO, Wataru [JP/JP]; 6-24-50, Shioya-cho, Tarumi-ku, Kobe-shi, Hyogo 6550872 (JP). IWADÉ, Susumu [JP/JP]; 4-2-1-206, Nankonaka, Suminoe-ku, Osaka-shi, Osaka 5590033 (JP). MARUYAMA, Shigeru [JP/JP]; 2-63, Takasagocho-Okishamacho, Takasago-shi, Hyogo 6760026 (JP). HAGI, Hiroyasu [JP/JP]; 1585-2, Shimizu, Uozumi-cho, Akashi-shi, Hyogo 6740074 (JP).

(72, 75) MIO, Wataru [JP/JP]; 6-24-50, Shioya-cho, Tarumi-ku, Kobe-shi, Hyogo 6550872 (JP). IWADÉ, Susumu [JP/JP]; 4-2-1-206, Nankonaka, Suminoe-ku, Osaka-shi, Osaka 5590033 (JP). MARUYAMA, Shigeru [JP/JP]; 2-63, Takasagocho-Okishamacho, Takasago-shi, Hyogo 6760026 (JP). HAGI, Hiroyasu [JP/JP]; 1585-2, Shimizu, Uozumi-cho, Akashi-shi, Hyogo 6740074 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ D02G 3/44, 3/32
- (11) WO 2004/097089 (13) A1
- (21) PCT/US2004/011738
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en

(30) 60/465,571 25 Apr/avr 2003 US (25.04.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ELECTRICALLY CONDUCTIVE ELASTIC COMPOSITE YARN, METHODS FOR MAKING THE SAME, AND ARTICLES INCORPORATING THE SAME
- FIL COMPOSITE ELASTIQUE ELECTRIQUEMENT CONDUCTEUR, PROCEDES DE FABRICATION DE CE FIL, ET ARTICLES CONTENANT CE FIL

(71) INVISTA TECHNOLOGIES S.A.R.L. [US/US]; Intellectual Property Record Center, 4417 Lancaster Pike, CRP 722/1032, Wilmington, DE 19805 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARAYIANNI, Eleni [GR/CH]; 6, chemin de Normandie, CH-1206 Geneva (CH).

(74) KRUKIEL, Charles, E.; Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DW 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51) D03C 9/06
- (11) WO 2004/097090 (13) A1
- (21) PCT/EP2004/004546
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) de (26) de
- (30) 103 19 959.4 2 May/mai 2003 DE (02.05.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HEALD SHAFT FOR A WEAVING MACHINE
- LAME DE METIER MECANIQUE

(71) GROZ-BECKERT KG [DE/DE]; Parkweg 2, 72458 Albstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) METTLER, Franz [CH/CH]; Alte Wollerauerstr. 89, CH-8832 Wollerau (CH).

(74) RÜGER, BARTHELT & ABEL; Webergasse 3, 73728 Esslingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/00, 15/00, 19/00, 13/00, B32B 13/02, 13/14, 27/04, 27/12, 05/02, 11/02, 11/10, 5/08, 17/02

(11) WO 2004/097091 (13) A1

(21) PCT/US2004/002876

(22) 2 Feb/fév 2004 (02.02.2004)

(25) en (26) en

(30) 10/425,905 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FABRIC REINFORCED CEMENT
• CIMENT A ARMATURE TEXTILE

(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) GRAHAM, Samuel E. [US/US]; 119 Moss Creek Drive, LaGrange, GA 30240 (US). MCLARTY, George, C., III [US/US]; 204 East Hillcrest Drive, Greenville, SC 29609 (US).

(74) MOSES, Thomas, L. et al. / etc.; 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D04B 9/38

(11) WO 2004/097092 (13) A1

(21) PCT/EP2004/004475

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) MI2003A000900 2 May/mai 2003 IT (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CIRCULAR KNITTING MACHINE, PARTICULARLY FOR PRODUCING ITEMS OF CLOTHING WITH THREE-DIMENSIONAL SHAPES
• MACHINE A TRICOTER CIRCULAIRE POUR PRODUIRE NOTAMMENT DES SOUS-VETEMENTS DE FORMES TRIDIMENSIONNELLES

(71) SANTONI S.P.A. [IT/IT]; Via C. Fenzi, 14, I-25135 Brescia (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONATI, Ettore [IT/IT]; Piazza Paganora, 5, I-25121 Brescia (IT). LONATI, Fausto [IT/IT]; Via Mediana, 15, I-25128 Brescia (IT). LONATI, Tiberio [IT/IT]; Via Sera, 24, I-25121 Brescia (IT).

(74) MONDIANO, Guido; Mondiano & 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).

Published / Publiée : (c)

(51)⁷ D04B 15/48, H01B 7/08

(11) WO 2004/097093 (13) A2

(21) PCT/EP2004/002744

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 18 931.9 26 Apr/avr 2003 DE (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THREAD FEEDING DEVICE AND CABLE FOR THE SAME
• FOURNISSEUR DE FIL ET CABLE POUR UN TEL FOURNISSEUR DE FIL

(71) MEMMINGER-IRO GMBH [DE/DE]; Jakob-Mutz-Strasse 7, 72280 Dornstetten (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAUFMANN, Richard [DE/DE]; Gustav-Werner-Strasse 21, 72250 Freudenstadt (DE). DINKELMANN, Friedrich [DE/DE]; Stufenstrasse 12, 73098 Rechberghausen (DE).

(74) ABEL, Thomas; Rüger, Barthelt & Abel, Webergasse 3, 73728 Esslingen (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 D04B 15/68

(11) WO 2004/097094 (13) A1

(21) PCT/EP2004/004476

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) MI2003 A 000899 2 May/mai 2003 IT (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CIRCULAR KNITTING MACHINE, PARTICULARLY OF THE MEDIUM-DIAMETER TYPE, WITH IMPROVED NEEDLE ACTUATION

• MACHINE A TRICOTER CIRCULAIRE, EN PARTICULIER DU TYPE A DIAMETRE MOYEN, A ACTIONNEMENT D'AIGUILLES AMELIORE

(71) SANTONI S.P.A. [IT/IT]; Via C. Fenzi, 14, I-25135 Brescia (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONATI, Ettore [IT/IT]; Piazza Paganora, 5, I-25121 Brescia (IT). LONATI, Fausto [IT/IT]; Via Mediana, 15, I-25128 Brescia (IT). LONATI, Tiberio [US/US]; Via Sera, 24, I-25121 Brescia (US).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D04H 1/42, 1/60, A47L 13/16, 17/08, B24D 3/00

(11) WO 2004/097095 (13) A1

(21) PCT/US2004/010198

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0309329.1 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCOURING MATERIAL
• MATERIEL A RECUPER

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTIN RIVERA, Carmen [ES/ES]; Ctra de Vicalvaro a Mejorada del Campo, Km 12, 400, Rivas Vaciamadrid, E-28529 Madrid (ES). CABRERO GOMEZ, Estrella [ES/ES]; C/ Juan Ignacio Luca de Tena 19-25, E-28027 Madrid (ES). POLLAUD,

- Guy M., [FR/FR]; Avenue Boule, BP28, F-95250 Beauchamp (FR).
- (74) JONAS, George 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ D04H 1/46, A61K 7/50
- (11) WO 2004/097096 (13) A1
- (21) PCT/EP2004/004627
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 03076322.1 1 May/mai 2003 (01.05.2003) EP
- (30) 03076372.6 5 May/mai 2003 (05.05.2003) EP
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PATTERNED SHEET PRODUCTS
• PRODUITS EN NAPPE FAÇONNES
- (71) JOHNSON & JOHNSON GMBH [DE/DE]; Kaiserwerther Strasse 270, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RÜHE, Andreas [DE/CH]; Haldenstrasse 6, CH-6300 Zug (CH). VAN IMPE, Kristel [BE/CH]; Engelmattstrasse 7, CH-6318 Walchwil (CH). HAUSER, Matthias [DE/DE]; Am Schmerbroich 110, 53757 St. Augustin (DE). ROSATO, Pietro [DE/DE]; Adalbertstrasse 8, 51379 Leverkusen (DE).
- (74) WEBER-BRULS, Dorothée et al. / etc.; Boehmert & Boehmert, 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ D04H 1/70, 3/02, 5/08, B32B 31/08 // 35/00
- (11) WO 2004/097097 (13) A1
- (21) PCT/DK2004/000289
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) PA 2003 00661 1 May/mai 2003 (01.05.2003) DK
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND APPARATUS FOR DRY FORMING OF A FABRIC
• PROCEDE ET APPAREIL PERMETTANT DE FORMER UN TISSU PAR VOIE SECHE
- (71) DAN-WEB HOLDING A/S [DK/DK]; Bryggervej 21, DK-8240 Risskov (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHRISTENSEN, Kenn, Mosgaard [DK/DK]; Strandborgvej 29, DK-8240 Risskov (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 D06F 29/00, 37/22
- (11) WO 2004/097098 (13) A1
- (21) PCT/TR2004/000026
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) TR2003/00569 30 Apr/avr 2003 (30.04.2003) TR
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INDUSTRIAL TYPE, MULTIPLEX (STACK) WASHING-EXTRACTING AND DRYING MACHINE
• MACHINE DE LAVAGE-EXTRACTION ET SECHAGE DE TYPE INDUSTRIEL A ELEMENTS EMPILES
- (71) TOLON MAKINA TEKSTIL GIDA SANAYI VE TICARET LTD.STI. [TR/TR]; ATATURK ORGANIZE SANAYI BOLGESI, 10007 SOK. NO:6 CIGLI, 35620 IZMIR (TR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOLON, KAMIL TARKAN [TR/TR]; ATATURK ORGANIZE SANAYI BOLGESI, 10007 SOK. NO:6 CIGLI, 35620 IZMIR (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/02, 37/20
- (11) WO 2004/097099 (13) A1
- (21) PCT/US2004/012984
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 60/466,106 28 Apr/avr 2003 (28.04.2003) US
- (30) 10/655,626 4 Sep/sep 2003 (04.09.2003) US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND SYSTEM FOR DETERMINING A WASHING MACHINE LOAD UNBALANCE
• PROCEDE ET SYSTEME POUR DETERMINER LE DESEQUILIBRE DE CHARGE D'UN LAVE-LINGE
- (71) EMERSON ELECTRIC CO. [US/US]; 8000 W. Florissant Ave., St. Louis, MO 63136 (US). C.E.SET S.R.L. [IT/IT]; Via Statale 99, I-14033 Castell'Alfero (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURRAY, Peter [IN/GB]; 6 Saint Oswald's Place, Ossett, West Yorkshire WF5 9JT (GB). MARCETIC, Darko [IN/US]; 86 Brookshire Lane C, St. Louis, MO 63130 (US). HENDERSON, Michael, L. [GB/US]; 44 Montrauk Drive, St. Louis, MO 63146 (US). MARCINKIEWICZ, Joseph, G. [US/US]; 136 Roehampton Lane, St. Peters, MO 63304 (US). SADASIVAM, Vinodkumar [IN/US]; 99 Warshire Drive, Saint Louis, MO 63132 (US). RAJARATHNAM, Anadnan, Velayutham, C. [IN/US]; 24 Clermont Crossing Ct. #C, St. Louis, MO 63132 (US).
- (74) GLEASON, Mark, L. et al. / etc.; Howrey Simon Arnold & White LLP, 750 Bering Drive, Houston, TX 77057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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; (s) 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 D06F 71/18, 71/34

(11) WO 2004/097100 (13) A1

(21) PCT/EP2004/004598

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 488.6 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SHAPING IRONING MACHINE

• MACHINE A REPASSER A MOULE

(71) BRISAY-MASCHINEN GMBH [DE/DE];
Mittelweg 4, 63762 Grossostheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FRIEDRICH, Günter [DE/DE]; Less-
ingstrasse 6, 63110 Rodgau-Jürgesheim
(DE). ERBACHER, Reinhold [DE/DE];
Raiffeisenring 27, 63927 Bürgstadt (DE).

(74) WEICKMANN & WEICKMANN; Post-
fach 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).

Published / Publiée : (c)

(51)⁷ D06F 81/08, 81/12, 75/12

(11) WO 2004/097101 (13) A2

(21) PCT/IB2004/001474

(22) 28 Apr/avr 2004 (28.04.2004)

(25) it (26) en

(30) MI2003A000879 30 Apr/avr 2003 IT
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IRONING DEVICE

• DISPOSITIF DE REPASSAGE

(71) MO-EL S.R.L. [IT/IT]; Via Galvani, 18,
I-42027 Montecchio Emilia (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERTANI, Carlo [IT/IT]; Via Enza, 6,
I-43022 Motechiarugolo (IT).

(74) TANSINI, Elio, Fabrizio; Bugnion S.P.A.,
Viale Lancetti, 17, I-20158 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ D06J 1/12, D03D 15/00

(11) WO 2004/097102 (13) A1

(21) PCT/JP2004/005019

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-122096 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-272584 9 Jul/juil 2003 JP
(09.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEHOD OF MANUFACTURING
PLEATED PRODUCT AND FABRIC
FOR PLEATED PRODUCT USED FOR
THE METHOD

• PROCEDE DE FABRICATION D'UN
ARTICLE PLISSE ET TISSU POUR
ARTICLE PLISSE UTILISE PAR CE
PROCEDE

(71) OZAKI PLEATS CO. LTD. [JP/JP]; 9-17,
Sakurazaka 2-chome, Chuo-ku, Fukuoka-shi,
Fukuoka, 8100024 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OZAKI, Yoshiyuki [JP/JP]; 9-17, Saku-
razaka 2-chome, Chuo-ku, Fukuoka-shi,
Fukuoka, 8100024 (JP).

(74) KATO, Hisashi; Room 1102, Asaco-Hakata
Bldg., 11-5, Hakataekihigashi 1-chome,
Hakata-ku, Fukuoka-shi, Fukuoka, 8120013
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ D06L 1/00

(11) WO 2004/097103 (13) A2

(21) PCT/GB2004/001768

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en

(26) en

(30) 0309755.7 29 Apr/avr 2003 GB
(29.04.2003)

(30) 0318698.8 8 Aug/août 2003 GB
(08.08.2003)

(30) 0318659.0 8 Aug/août 2003 GB
(08.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CLEANING TEXTILES

• NETTOYAGE DE TEXTILES

(71) IMPERIAL CHEMICAL INDUSTRIES
PLC [GB/GB]; 20 Manchester Square, Lon-
don W1U 3AN (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MOTSON, Harold, Russell [GB/GB];
10 Grantham Road, Norton, Stock-
ton-on-Tees, Cleveland TS20 1PP (GB).

(74) ROBERTS, Jonathan, Winstanley et al. /
etc.; Uniqema Limited, Intellectual Property
Department, Wilton Centre, Wilton, Redcar,
Cleveland TS10 4RF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ D06P

(11) WO 2004/097104 (13) A2

(21) PCT/IN2004/000119

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 194/KOL/03 1 May/mai 2003 IN
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A ROT RESISTANT DURABLE NATU-
RAL FIBRE AND/OR GEO-TEXTILES

• FIBRES NATURELLES ET/OU GEO-
TEXTILES DURABLES, RESISTANT A
LA POURRITURE.

(71) INDIAN JUTE INDUSTRIES RE-
SEARCH ASSOCIATION [IN/IN]; 17,
TARATOLA ROAD, 700 088 KOLKATA
(IN). JUTE MANUFACTURERS' DE-
VELOPMENT COUNCIL [IN/IN]; 3A,
PARK PLAZA, 71, PARK STREET, 700 016
KOLKATA (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SINHA, Sandip, Narayan [IN/IN];
INDIAN JUTE INDUSTRIES RESEARCH
ASSOCIATION, 17, TARATOLA ROAD,
700 088 KOLKATA (IN). CHAKRABARTI,
Shyamal, Kanti [IN/IN]; INDIAN JUTE IN-
DUSTRIES RESEARCH ASSOCIATION,
17, TARATOLA ROAD, 700 088 KOLKATA
(IN).

(74) **SEN, Anjan**; Anjan Sen & Associates, 17, Chakraborty Road, (South), Kolkata 700 025 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D06P 5/00, 1/651, 3/66, B41J 2/14**

(11) **WO 2004/097105** (13) A1

(21) PCT/EP2004/050571

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 03405302.5 **30 Apr/avr 2003 (30.04.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS FOR PRINTING TEXTILE FIBRE MATERIALS IN ACCORDANCE WITH THE INK-JET PRINTING PROCESS

• PROCESSUS D'IMPRESSION DE MATERIAUX DE FIBRE TEXTILE CONFORME AU PROCESSUS D'IMPRESSION PAR JET D'ENCRE

(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) **LACROIX, Roger** [FR/FR]; Rue Vauban 24, F-68128 Village-Neuf (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D21D 5/00, 5/24**

(11) **WO 2004/097106** (13) A1

(21) PCT/SE2004/000656

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 0301243-2 **29 Apr/avr 2003 (29.04.2003)** SE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD FOR SELECTIVE REMOVAL OF RAY CELLS FROM CELLULOSE PULP

• PROCEDE D'EXTRACTION SELECTIVE DE CELLULES DE RAYON D'UNE PATE A PAPIER

(71) **HOLMEN AKTIEBOLAG** [SE/SE]; Box 5407, S-114 84 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANDBERG, Christer** [SE/SE]; Lilla Ökenkärr, S-617 90 Skärblacka (SE). **NILSSON, Carl, Fredrik** [SE/SE]; Trädgårdsgatan 15, S-602 24 Norrköping (SE). **EN-STRAND, Per** [SE/SE]; Skogsbovägen 2, S-616 33 Åby (SE).

(74) **JONSSON, Per-Erik**; Holmen Aktiebolag, S-891 80 Örnköldsvik (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 **D21D 5/26, B01D 19/00, B04C 5/04**

(11) **WO 2004/097107** (13) A1

(21) PCT/FI2004/000249

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) sv (26) en

(30) 20030627 **25 Apr/avr 2003 (25.04.2003)** FI

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND ARRANGEMENT AT GAS REMOVAL, AND THE USE THEREOF

• PROCEDE ET AGENCEMENT DE DEGAZAGE ET UTILISATION DE CEUX-CI

(71) **POM TECHNOLOGY OY AB** [FI/FI]; Eriksgränd 2, FI-00100 Helsingfors (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEINANDER, Paul, Olof** [FI/FI]; Bollagsgränden 2, FI-02700 Grankulla (FI).

(74) **BORENIUS & CO OY AB**; Tallbergsgatan 2 A, FI-00180 Helsingfors (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 **D21F 11/12, B31F 1/20, B65H 19/00**

(11) **WO 2004/097108** (13) A1

(21) PCT/ES2004/000185

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) es (26) es

(30) P 200300982 **30 Apr/avr 2003 (30.04.2003)** ES

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATIC ROLL-CHANGE SYSTEM FOR USE IN THE PRODUCTION OF CORRUGATED CARDBOARD

• SYSTEME DE CHANGEMENT AUTOMATIQUE DE ROULEAUX DANS LA FABRICATION DE CARTON ONDULE

(71, 72) **VILA CAPDEVILA, Joaquim** [ES/ES]; Prat de la Riba, 2 bajos, E-08182 Sant Feliu de Codines (ES). **YU, Ting-Feng** [CN/—]; c/o Joaquim Vila Capdevila, Prat de la Riba, 2 bajos, E-08182 Sant Feliu de Codines (ES).

(74) **ARAGONES FORNER, Rafael, Angel**; c/o Pastells & Aragones, S.L., Pau Claris, 138 5^a, E-08009 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D21G 1/00, D21F 5/00**

(11) **WO 2004/097109** (13) A1

(21) PCT/FI2004/050038

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 20035053 **29 Apr/avr 2003 (29.04.2003)** FI

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR MANUFACTURING PAPER OR BOARD AND THUS MANUFACTURED PAPER OR BOARD

• APPAREIL ET PROCEDE DE FABRICATION DE PAPIER OU DE CARTON ET PAPIER OU CARTON AINSI FABRIQUE

(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) **KOKKONEN, Olavi** [FI/FI]; Välitie 1 Talo 6, FI-40530 Jyväskylä (FI). **TERVONEN, Matti** [FI/FI]; Kansankatu 9 B, FI-05900 Hyvinkää (FI). **PIETIKÄINEN,**

Reijo [FI/FI]; Puistokatu 42 B, FI-04420 Järvenpää (FI). SUOMI, Eero [FI/FI]; Ruutikellarintie 13 A, FI-13210 Hämeenlinna (FI). VILJANMAA, Mika [FI/FI]; Kalliotie 8, FI-00760 Helsinki (FI). LUSMA, Jorma [FI/FI]; Seiväspolku 3 as. 8, FI-01280 Vantaa (FI). LIPPONEN, Juha [FI/FI]; Sarvimäentie 8 L, FI-04200 Kerava (FI). VAITTINEN, Henri [FI/FI]; Vihtikatu 20 C 2, FI-04400 Järvenpää (FI). KOJO, Markku [FI/FI]; Kypäräkuja 9 C 5, FI-02610 Espoo (FI). TORVI, Timo [FI/FI]; Wärtsiläkatu 7 6B 40, FI-04440 Järvenpää (FI). RÄMÖ, Tuomo [FI/FI]; Antreantie 17 B, FI-02140 Espoo (FI). LAITILA, Markus [FI/FI]; Kauhavankuja 4, FI-04430 Järvenpää (FI). REMMI, Sami [FI/FI]; Metsolantie 15 C, FI-04420 Järvenpää (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 **D21G 1/02, F16C 13/00**

(11) **WO 2004/097110** (13) A1

(21) PCT/EP2004/004320

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) de (26) de

(30) 103 19 345.6 **30 Apr/avr 2003 (30.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROLL FOR PRESSURE TREATMENT OF MATERIAL BANDS

• CYLINDRE DESTINE AU TRAITEMENT DE COMPRESSION DE BANDES DE MATERIAU

(71) **EDUARD KÜSTERS MASCHINENFABRIK GMBH & CO. KG** [DE/DE]; Eduard-Küsters-Str. 1, 47805 Krefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HADER, Peter** [DE/DE]; Fichtenweg 51, 47906 Kempen (DE). **MEITNER, Robert** [DE/DE]; Schlosserstrasse 58, 47809 Krefeld (DE).

(74) **KLUIN, Jörg-Eden**; Lintorfer Str. 10, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **D21H 13/22, 13/26, 13/40, 13/50, 13/46, 13/20**

(11) **WO 2004/097111** (13) A1

(21) PCT/EP2004/003470

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) de (26) de

(30) 103 18 858.4 **25 Apr/avr 2003 (25.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NON-WOVEN FIBRE MAT, METHOD FOR PRODUCTION THEREOF AND FIBRE COMPOSITE MATERIAL

• NATTE EN FIBRES NON TISSEES, SON PROCEDE DE PRODUCTION ET MATERIAU COMPOSITE RENFORCE PAR DES FIBRES

(71) **FRENZELIT-WERKE GMBH & CO. KG** [DE/DE]; Frankenhämer 7, 95460 Bad Berneck (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERB, Wilfried** [DE/DE]; Gedeckter Weg 20, 89231 Neu-Ulm (DE). **ÜBELMESSER, Peter** [DE/DE]; Hans-Sachs-Strasse 20, 95444 Bayreuth (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **D21H 21/42**

(11) **WO 2004/097112** (13) A1

(21) PCT/EP2004/004438

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) de (26) de

(30) 103 19 232.8 **28 Apr/avr 2003 (28.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PLANAR SECURITY ELEMENT AND METHOD FOR THE PRODUCTION THEREOF

• ELEMENT DE SECURITE PLAN ET SON PROCEDE DE FABRICATION

(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) **HEIM, Manfred** [DE/DE]; Alfred-Schmidt-Strasse 35, 81379 München (DE).

(74) **KLUNKER SCHMITT-NILSON HIRSCH**; Winzerstrasse 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **D21H 23/76 // 21:20, 21:22, 17:59**

(11) **WO 2004/097113** (13) A1

(21) PCT/FR2004/000792

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) fr (26) fr

(30) 03/05102 **25 Apr/avr 2003 (25.04.2003)** FR

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER-RESISTANT, REPULPABLE, HYDROPHILIC AND SOFT TOUCH PAPER

• PAPIER RESISTANT A L'EAU, REPULPABLE, HYDROPHILE ET AU TOUCHER DOUX

(71) **RHODIA CHIMIE** [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LORENTZ, Gilles** [FR/FR]; 129, rue Vauban, F-69006 Lyon (FR). **HANKS, Ronald** [FR/FR]; 914 rue Pontet, F-69250 Curis au Mont d'Or (FR). **PUJOL, Jean-Marc** [FR/FR]; 60, rue de Genève - n° 9, F-69140 Rillieux (FR).

(74) **TROLLET, Maurice**; RHODIA SERVICES, Direction de la Propriété Industrielle, Centre de Recherches de Lyon BP 62, F-69192 Saint Fons Cédex (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 E01B

(11) WO 2004/097114 (13) A2

(21) PCT/US2004/012582

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,407 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USE OF K_SPIRAL, BEND, JOG, AND WIGGLE SHAPES IN DESIGN OF RAILROAD TRACK TURNOUTS AND CROSSOVERS

• UTILISATION DE FORMES DE TRANSITION TELLES QUE SPIRALES DE TYPE K, COURBES, VIRAGES ET CONTOURS DANS LA CONCEPTION DE BRANCHEMENTS ET DE LIAISONS FERROVIAIRES

(71, 72) KLAUDER, Louis, T., Jr. [US/US]; 833 Galer Drive, Newtown Square, PA 19703 (US).

(74) COHEN, Gary, M.; Strafford Building Number Three, 125 Strafford Avenue, Suite 300, Wayne, PA 19087-3318 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 E01B 19/00

(11) WO 2004/097115 (13) A1

(21) PCT/GB2004/001608

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0309795.3 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A DAMPER FOR A RAIL

• AMORTISSEUR POUR RAIL

(71) CORUS UK LIMITED [GB/GB]; 30 Millbank, London SW1P 4WY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FARRINGTON, David [GB/GB]; Blossom Hill Cottage, High Street, Morland, Penrith CA10 3AS (GB).

(74) FRY, Alan, Valentine et al. / etc.; Fry Heath & Spence LLP, The Gables, Massetts Road, Horley, Surrey RH6 7DQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01C 5/00

(11) WO 2004/097116 (13) A1

(21) PCT/KR2004/000790

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 20-2003-0013253 29 Apr/avr 2003 KR (29.04.2003)

(30) 20-2003-0013254 29 Apr/avr 2003 KR (29.04.2003)

(30) 10-2004-0022799 2 Apr/avr 2004 KR (02.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REPLACEABLE TRANSPARENT FOOT BLOCK WITH WARNING AND GUIDING FUNCTION

• CALE POUR PIED TRANSPARENTE ET REMPLAÇABLE AVEC FONCTION D'AVERTISSEMENT ET DE GUIDAGE

(71, 72) KIM, Chul-Yong [KR/KR]; 813-1003 HyunDai SungWoo Apt., 1112 Pung-DukChun-2-dong, Suji-eup., YongIn 449-992 (KR). KIM, Chul-Won [KR/KR]; 813-1003 HyunDai WooSung Apt., 1112 Pung-DukChun-2-dong, Suji-eup., YongIn 449-992 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01C 13/02, 13/08

(11) WO 2004/097117 (13) A1

(21) PCT/NL2004/000289

(22) 29 Apr/avr 2004 (29.04.2004)

(25) nl (26) en

(30) 1023301 29 Apr/avr 2003 NL (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPORTS FLOOR AND METHOD FOR CONSTRUCTING SUCH A SPORTS FLOOR

• SOL DE SPORT ET PROCEDE DE CONSTRUCTION DE CE SOL DE SPORT

(71) TAPIJTFABRIEK H. DESSEAUX N.V. [NL/NL]; Molenweg 81, NL-5349 AC Oss (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN REIJEN, Peter [NL/NL]; Goudrenet 28, NL-5401 LZ Uden (NL).

(74) DOHMEN, Johannes, Maria, Gerardus et al. / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E01F

(11) WO 2004/097118 (13) A2

(21) PCT/ZA2004/000045

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03/3380 30 Apr/avr 2003 ZA (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLAG AND FLAG KIT

• DRAPEAU ET KIT POUR DRAPEAU

(71) SUNSMART PRODUCTS (PTY) LIMITED [ZA/ZA]; 38 Buro Crescent, Mayville, Durban, Kwazulu-Natal (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) McCANN, Christopher, Paul [ZA/ZA]; 1 Wilval, 498 Frere Road, Glenwood, Durban, Kwazulu-Natal (ZA).

(74) IMRAAN SHAH, Mohammed; Imraan Shah & Associates, Intellectual Property Attorneys, P.O. Box 37412, Overport, 4067 Durban, Kwazulu-Natal (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).

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 E01F 13/02

(11) WO 2004/097119 (13) A1

(21) PCT/CA2004/000623

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2,427,392 1 May/mai 2003 CA
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RETRACTABLE BARRIER

• BARRIERE SOUPLE ENROULABLE

(71, 72) HOPP, Robert, Werner [CA/CA]; 10549 -79 Avenue, Edmonton, Alberta T6E 1R9 (CA). RATTAI, Robert, Herman [CA/CA]; 105 Windermere Crescent, Edmonton, Alberta T6R 2H6 (CA). LAMB, Thomas, Murray [CA/CA]; 93 Green Lane, Thornhill, Ontario L3T 6K6 (CA).

(74) THOMPSON, Douglas, B.; Thompson Lambert LLP, 10328- 81 Avenue, Suite #200, Edmonton, Alberta T6E 1X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E01F 13/02, E04F 10/02

(11) WO 2004/097120 (13) A1

(21) PCT/EP2003/009714

(22) 2 Sep/sep 2003 (02.09.2003)

(25) de (26) de

(30) 103 19 375.8 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROTECTIVE AND BLOCKING DEVICE

• DISPOSITIF DE PROTECTION ET DE FERMETURE

(71, 72) HARMSSEN, Arno [DE/DE]; Am Spöllberg 7, 49828 Neuenhaus-Hiltten (DE).

(74) BUSSE, Dietrich et al. / etc.; Grosshandelsring 6, 49084 Osnabrück (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03B

(11) WO 2004/097121 (13) A2

(21) PCT/US2004/013393

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,570 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PORTABLE HOSE ROLLER

• ROULEAU DE TUYAU FLEXIBLE PORTATIF

(71, 72) JOHNSTON, David, B. [US/US]; 65533 Old Bend-Redmond Highway, Bend, OR 97701 (US).

(74) BROWN, Glenn, C.; N/A, 777 N.W. Wall Street, Suite 308, Bend, OR 97701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 E03B 3/03, 3/02, E03C 1/12, E03F 1/00, E02D 27/02, B65D 88/76

(11) WO 2004/097122 (13) A1

(21) PCT/AU2004/000564

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003902075 2 May/mai 2003 AU
(02.05.2003)

(30) 2003904894 8 Sep/sep 2003 AU
(08.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER STORAGE AND SUPPLY SYSTEM

• SYSTEME DE STOCKAGE D'EAU ET D'APPROVISIONNEMENT EN EAU

(71, 72) HIGGINS, Ian, John [AU/AU]; 9 Church Street, Cessnock, New South Wales 2325 (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 E03D 5/10

(11) WO 2004/097123 (13) A1

(21) PCT/KR2004/000941

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10-2003-0026512 25 Apr/avr 2003 KR
(25.04.2003)

(30) 10-2003-0069221 6 Oct/oct 2003 KR
(06.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER CLOSET HAVING AUTOMATIC WATER SAVING SYSTEM

• TOILETTE COMPRENANT UN SYSTEME D'ECONOMIE D'EAU AUTOMATIQUE

(71) KELIM ENTECH CO., LTD. [KR/KR]; 231 Gongdan-dong, Gumisi, Gyeongsangbukdo 730-030 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Jae, Tong [KR/KR]; 913-606 13 Gocheungjugong Apt., Haan-dong, Gwangmyeongsi, Gyeonggi-do 423-060 (KR).

(74) MOON, Seung, Young; 402 Teheran Building, 825-33 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ 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.	(30) 2003-271509	7 Jul/juil 2003 (07.07.2003)	JP	CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(30) 2003-271508	7 Jul/juil 2003 (07.07.2003)	JP	(51) ⁷ E04B
(51) ⁷ E03D 9/03	(30) 2003-278231	23 Jul/juil 2003 (23.07.2003)	JP	(11) WO 2004/097127 (13) A2 (21) PCT/US2004/012501 (22) 22 Apr/avr 2004 (22.04.2004) (25) en (26) en (30) 10/422,892 24 Apr/avr 2003 US (24.04.2003) (30) 10/829,304 21 Apr/avr 2004 US (21.04.2004)
(11) WO 2004/097124 (13) A1 (21) PCT/US2004/011437 (22) 14 Apr/avr 2004 (14.04.2004) (25) en (26) en (30) 60/465,847 25 Apr/avr 2003 US (25.04.2003)	(43) 11 Nov/nov 2004 (11.11.2004)	(54) • NOZZLE DEVICE AND HYGIENIC WASHING DEVICE • DISPOSITIF A BUSES ET DISPOSITIF DE NETTOYAGE HYGIENIQUE	(43) 11 Nov/nov 2004 (11.11.2004)	(54) • SIMULATED LOG SIDING SYSTEM AND METHOD • SYSTEME DE BARDAGE DE BILLES SIMULE ET PROCEDE ASSOCIE
(43) 11 Nov/nov 2004 (11.11.2004)	(71) MATSUSHITA ELECTRIC INDUS- TRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(72, 75) KOGA, Ryouichi ARIKAWA, Tomio- ENGUCHI, ItaruKAWAMOTO, Yasuhiro	(71, 72) STANTON, Sandra [US/US]; 177 Lake Lorraine Way, Hoosick Falls, NY 12090 (US).	(74) LABATT, John, W. ; Hoffman, Warnick & D'Alessandro LLC, Three E-Comm Square, Albany, NY 12207 (US).
(54) • TOILET RIM MOUNTED DEVICE FOR DISPENSING TWO LIQUIDS • DISPOSITIF MONTE SUR LE REBORD D'UNE CUVETTE DE W.-C. PERMET- TANT LA DISTRIBUTION DE DEUX LIQUIDES	(74) FUKUSHIMA, Yoshito ; Esaka Mitaka Bldg. 6F, 4-1, Hiroshiba-cho, Suita-shi, Os- aka 564-0052 (JP).	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/00	(11) WO 2004/097126 (13) A2 (21) PCT/EP2004/004595 (22) 30 Apr/avr 2004 (30.04.2004) (25) de (26) de (30) 103 19 699.4 2 May/mai 2003 DE (02.05.2003)	Declaration / Déclaration : (u) for / pour US only / seulement
(72, 75) CONWAY, Simon, M. [US/US]; 6207 Jones Road, Burlington, WI 53105 (US). SCHWALLIE, Stephen, R. [US/US]; 1325 West Lawn Avenue, Racine, WI 53405 (US). IVERSON, David, S. [US/US]; 3843 North Hoeyne Avenue, Chicago, IL 60618 (US).	(51) ⁷ E04B	(11) WO 2004/097128 (13) A2 (21) PCT/US2004/012588 (22) 23 Apr/avr 2004 (23.04.2004) (25) en (26) en (30) 60/465,577 25 Apr/avr 2003 US (25.04.2003)	(43) 11 Nov/nov 2004 (11.11.2004)	(54) • IMPROVEMENTS TO TRUSSES • AMELIORATIONS DE FERMES
(74) MEIER, Linda, Blair ; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(54) • SANITARY EQUIPMENT, IN PARTICU- LAR URINAL • SYSTEME SANITAIRE, EN PARTICU- LIER UN URINOIR	(71, 72) PRATIUK, Julia [DE/DE]; 16, Haupt- strasse, 72516 Scheer (DE).	(74) DAVIDSON, DAVIDSON & KAPPEL, LLC et al. / etc.; 485 Seventh Avenue, 14th Floor, New York, NY 10018 (US).
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(71) WEISS, Peter ; 4, Zeppelinstrasse 4, 78234 Engen (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	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
Published / Publiée : (c)	(51) ⁷ E03D 9/08	(11) WO 2004/097125 (13) A1 (21) PCT/JP2004/006066 (22) 27 Apr/avr 2004 (27.04.2004) (25) ja (26) ja (30) 2003-124454 28 Apr/avr 2003 JP (28.04.2003) (30) 2003-124455 28 Apr/avr 2003 JP (28.04.2003)		

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 1/02, E02D 27/34, E04H 9/02

(11) WO 2004/097129 (13) A1

(21) PCT/EC2004/000002

(22) 31 Mar/mar 2004 (31.03.2004)

(25) es (26) es

(30) SP-03-4575 2 May/mai 2003 EC (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SELF-SUPPORTING CONSTRUCTION SYSTEM

• SYSTEME DE CONSTRUCTION AUTOPORTANT

(71) ETERNIT ECUATORIANA SA [EC/EC]; Panamericana Sur, Kilometro 14, Quito, CP00 (EC).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETER JAIME, Walter Jose [EC/EC]; Panamericana Sur, Kilometro 14, Quito, CP00 (EC).

(74) ROSALES KURI, Xavier et al. / etc.; Robles 653 y Av. Amazonas, Edificio Proinco Calisto, Piso 12, Quito, CP00 (EC).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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)

(s) for the following designations / pour les désignations suivantes : AE AG AL 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 AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 E04B 1/343

(11) WO 2004/097130 (13) A1

(21) PCT/AU2003/000496

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A TRANSPORTABLE BUILDING AND SELF-LEVELLING CHASSIS THEREFOR

• BATIMENT TRANSPORTABLE ET CHASSIS AUTOREGLABLE ASSOCIE

(71, 72) MARTINO, Francesco, Antonio [AU/AU]; Cnr Bevan and Meadows Road, Hope Forrest, South Australia 5172 (AU).

(74) LESICAR PERRIN; 49 Wright Street, Adelaide, South Australia 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 1/343

(11) WO 2004/097131 (13) A1

(21) PCT/AU2003/000497

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A TRANSPORTABLE BUILDING AND CHASSIS THEREFOR

• BATIMENT TRANSPORTABLE ET CHASSIS ASSOCIE

(71, 72) MARTINO, Francesco, Antonio [AU/AU]; Cnr Bevan and Meadows Road, Hope Forrest, South Australia 5172 (AU).

(74) LESICAR PERRIN; 49 Wright Street, Adelaide, South Australia 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 2/78, E05B 65/08, E05C 5/04

(11) WO 2004/097132 (13) A1

(21) PCT/EP2004/004322

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 203 06 551.4 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIXING DEVICE FOR A MOVABLE WALL

• DISPOSITIF DE FIXATION D'UNE PAROI COULISSANTE

(71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLETSCHER, Wilfried [DE/DE]; Weinbergstrasse 11, 32108 Bad Salzuflen (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2/82

(11) WO 2004/097133 (13) A2

(21) PCT/DE2004/000908

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 19 767.2 1 May/mai 2003 DE (01.05.2003)

(30) 103 19 721.4 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOBILE WALL SYSTEM

• SYSTEME DE PAROI MOBILE

(71) TECHNISCHE UNIVERSITÄT MÜNCHEN [DE/DE]; Arcisstrasse 21, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PROCHINER, Frank [DE/DE]; Holbeinstrasse 13, 72760 Reutlingen (DE). HANSER, Albrecht [DE/DE]; Salwerkstrasse 4, 88085 Langenargen (DE).

(74) SCHWEIZER, Joachim; Dieselstrasse 1, 80993 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097134 (13) A2

(21) PCT/US2004/013035

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/423,286 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INSULATIVE CONCRETE BUILDING PANEL WITH CARBON FIBER AND STEEL REINFORCEMENT

• PANNEAU DE CONSTRUCTION EN BETON ISOLANT A ARMATURE EN FIBRE DE CARBONE ET EN ACIER

(71) OLDCASTLE PRECAST, INC. [US/US]; 41 Almeida Road, Rehoboth, MA 02769 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) MESSENGER, Harold, G.; 154 Pine Street, Rehoboth, MA 02764 (US). HAR-MON, Thomas, G.; 55 Clermont Lane, St. Louis, MO 63124 (US). BAUR, Kenneth; 5081 Sweitzer Road, Mohnton, PA 19540 (US). GRAZIANO, Gary, C.; 794 Bent Creek Drive, Lititz, PA 17543 (US). LORAH, Douglas, L.; 1353 Hilltop Road, Narvon PA 17555 (US).

(74) KUGLER, Bruce, A. 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 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 E04C

(11) WO 2004/097135 (13) A2

(21) PCT/US2004/013277

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/426,922 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING ARTICLES WITH RIGID FOAMED CEMENTITIOUS CORES

• PROCEDE ET SYSTEME POUR OBTENIR DES ARTICLES A AMES CIMEN-TAIRES EXPANSEES RIGIDES

(63) US 10/426,922 (CON) 29 Apr/avr 2003 (29.04.2003)

(71) TT TECHNOLOGIES [US/US]; 1687 Woodlands Drive, Maumee, OH 43537 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MINKE, Ronald, C. [US/US]; 15316 Laurel Ridge Place, Leo-Cedarville, IN 46765 (US). REDDING, David, R. [US/US]; 1504 Cedar Wind Court, Fort Wayne, IN 46845 (US).

(74) JAKUBOWSKI, Matthew, 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).

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 E04C

(11) WO 2004/097136 (13) A2

(21) PCT/US2004/013442

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,554 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VENTED SOFFIT PANEL

• PANNEAU DE SOFFITE PERFORE

(71) CERTAINTED CORPROATION [US/US]; 750 East Swedesford Road, Valley Forge, PA 19482 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIGMUND, John, L. [US/US]; 612 Scenic Circle, Holland, OH 43528 (US).

(74) DUANE MORRIS et al. / etc.; 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 E04C 1/42

(11) WO 2004/097137 (13) A1

(21) PCT/GB2004/001883

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310168.0 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GLASS BRICK AND METHOD OF PRODUCTION THEREOF

• BRIQUE DE VERRE ET SON PROCEDE DE PRODUCTION

(71, 72) RICHARDSON, David [GB/GB]; High Rising, Coles Green, Leigh Sinton, Malvern, Worcestershire WR13 5DW (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 E04C 2/24

(11) WO 2004/097138 (13) A1

(21) PCT/AU2004/000535

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003902044 30 Apr/avr 2003 AU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A COMPOSITE BEAM
• POUTRE COMPOSITE

(71) THE UNIVERSITY OF SOUTHERN QUEENSLAND [AU/AU]; West Street, Toowoomba, Queensland 4350 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN ERP, Gerardus, Maria [NL/AU]; 53 Frew Street, Toowoomba, Queensland 4350 (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 E04D 1/34

(11) WO 2004/097139 (13) A1

(21) PCT/EP2003/004322

(22) 28 Apr/avr 2003 (28.04.2003)

(25) fr (26) fr

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REGULATING PACKAGING ARRANGEMENT FOR FITTING ROOF HOOKS

• CONDITIONNEMENT REGULATEUR POUR LA POSE DE CROCHETS DE COUVERTURE

(71, 72) GREGNIC, Georges [FR/FR]; 85, rue Paul Guicysse, F-56100 Lorient (FR).

(84) EP (BE DE DK FR GB IE LU NL).

(51)⁷ E04D 3/08, E04B 1/68

(11) WO 2004/097140 (13) A1

(21) PCT/DE2004/000802

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 18 710.3 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR REPAIRING STRUCTURE EXPANSION JOINTS AND THE LIKE, AND A JOINT STRIP FOR CARRYING OUT THE METHOD

• PROCEDE POUR RENOVER DES JOINTS DE DILATATION ET ANALOGUES ET BANDE COUVRE-JOINT POUR REALISER CE PROCEDE

(71, 72) NIEDRIG, Ralph [DE/DE]; Lausickerstrasse 59, 04299 Leipzig (DE). BUSCH, Uwe [DE/DE]; Kursdorferstrasse 32, 04435 Schkeuditz (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 E04F

(11) WO 2004/097141 (13) A2

(21) PCT/US2004/012987

(22) 24 Apr/avr 2004 (24.04.2004)

(25) en (26) en

(30) 10/423,881 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HARD SURFACE-VENEER ENGINEERED SURFACING TILES AND METHODS

• CARREAUX A PLAQUAGE DE SURFACE DUR ET PROCEDES CORRESPONDANTS

(71) SHAW INDUSTRIES GROUP, INC. [US/US]; 616 East Walnut Avenue, Mail Drop 061-28, Dalton, GA 30722-2128 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLER, Robert, J. [US/US]; 2060 Eagle Point Drive, Dalton, GA 30720 (US).

(74) DECARLO, Kean, J.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 15/02

(11) WO 2004/097142 (13) A1

(21) PCT/FR2004/000910

(22) 14 Apr/avr 2004 (14.04.2004)

(25) fr (26) fr

(30) 03/05136 26 Apr/avr 2003 FR (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE QUICK PLACEMENT OF INTERCHANGEABLE PANELS MADE OF SHEET-TYPE STRUCTURES

• PROCEDE DE POSE RAPIDE DE PANNEAUX INTERCHANGEABLES STRUCTURES EN FEUILLETS

(71, 72) BROTHIER, Frédéric [FR/FR]; 6, allée de la Tramontane, F-77176 Savigny Le Temple (FR).

(74) CABINET ARGOS INNOVATION & ASSOCIES et al. / etc.; 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).

Published / Publiée : (c)

(51)⁷ E04F 15/16, E01F 9/047

(11) WO 2004/097143 (13) A1

(21) PCT/JP2004/006097

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-123863 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELASTIC FLOOR MAT

• TAPIS DE SOL ELASTIQUE

(71) TOWA KABUSHIKI KAISHA [JP/JP]; 2-1-2, Gakuenminami, Matsue-shi, Shimane 6900826 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGIHARA, Minoru [JP/JP]; c/o TOWA KABUSHIKI KAISHA, 2-1-2, Gakuenminami, Matsue-shi, Shimane 6900826 (JP). SUGIHARA, Noboru [JP/JP]; c/o TOWA KABUSHIKI KAISHA, 2-1-2, Gakuenminami, Matsue-shi, Shimane 6900826 (JP).

(74) KOHNO, Makoto; 801, Ohhara Bldg., 2-1, Kandasakuma-cho, Chiyoda-ku, Tokyo 1010025 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 1/00

(11) WO 2004/097144 (13) A1

(21) PCT/CN2004/000365

(22) 16 Apr/avr 2004 (16.04.2004)

(25) zh (26) zh

(30) 03123007.5 25 Apr/avr 2003 CN (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A MOUNTAIN-LIKE BUILDING FRAME FOR CREATING LAND BY UTILIZING SPACE

• BATI DE CONSTRUCTION EN FORME DE MONTAGNE UTILE POUR CREER DU TERRAIN PAR LE BIAIS DE L'UTILISATION DE L'ESPACE

(71, 72) HU, Deming [CN/CN]; #612, No.30 Xinhualianjiayuan, Tongzhou District, Beijing 101100 (CN).

(74) KANGXIN PARTNERS, P.C.; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 4/16

(11) WO 2004/097145 (13) A1

(21) PCT/ZA2003/000056

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADJUNCT FOR A SWIMMING POOL CLEANER

• ADJONCTION D'UN DISPOSITIF DE NETTOYAGE DE PISCINE

(71, 72) BRAY, David, Alan [ZA/ZA]; 8 Plover Place, Gillitts, Kwa Zulu Natal, 3610 DURBAN (ZA).

(74) MORRISON FORSTER INC.; FMI House, Gleneagles Park, Flanders Drive, Mount Edgecombe, Kwa Zulu Natal, P O Box 2004, Mount Edgecombe, Kwa Zulu Natal, 4300 DURBAN (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 9/02

(11) WO 2004/097146 (13) A1

(21) PCT/YU2003/000017

(22) 5 Jun/juin 2003 (05.06.2003)

(25) en (26) en

(30) P-323/03 29 Apr/avr 2003 YU (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM OF SEISMIC STRENGTHENING OF STRUCTURE

• SYSTEME DE RENFORCEMENT SISMIQUE D'UNE STRUCTURE

(71, 72) PETRASKOVIC, Zoran [YU/YU]; 16 oktobra 36, 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 PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E04H 15/32

(11) WO 2004/097147 (13) A1

(21) PCT/US2003/032347

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/423,229 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATERPROOF TENT

• TENTE IMPERMEABLE

(71) NORTHPOLE, LTD. [CN/CN]; Unit 901, Tower 2, 30, Silvercord, Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72) CANTWELL, Robert; 1304 Bald Hill Road, Leslie, MO 93056 (US).

(74) ASHBY, Dave et al. / etc.; IP Strategy Group, P.O. Box 700640, San Jose, CA 95170-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/14

(11) WO 2004/097148 (13) A1

(21) PCT/GB2004/001906

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 0310029.4 1 May/mai 2003 GB (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RAILINGS

• BARRIERES

(71) E. MACKINNON & COMPANY [GB/GB]; Floodgate Street, Birmingham B5 5SR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARKE, Kelvin, Peter [GB/GB]; 52a Trotters Lane, West Bromwich, West Midlands B71 2QD (GB).

(74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 15/04, E05C 9/02

(11) WO 2004/097149 (13) A1

(21) PCT/SE2004/000644

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301227-5 28 Apr/avr 2003 SE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOCK DEVICE

• DISPOSITIF DE VERROUILLAGE

(71) FIX AB [SE/SE]; Bruksgatan 17, S-414 51
Göteborg (SE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ANDERSSON, Patric [SE/SE]; Grön-
näs 185, S-446 92 Skepplanda (SE). AR-
NELL, Per [SE/SE]; Lyrfågелgatan 17,
S-426 69 Västra Frölunda (SE).(74) WENNBORG, Johan et al. / etc.; Kransell
& Wennborg AB, Box 27834, S-115 93
Stockholm (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/02

(11) WO 2004/097150 (13) A1

(21) PCT/GB2004/001790

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0310185.4 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOVEMENTS CONTROLLING
MEANS• MOYENS DE COMMANDE DE MOU-
VEMENTS(71) TITUS INTERNATIONAL PLC
[GB/GB]; Ridgeway Industrial Estate, Iver,
Bucks SLO 9HW (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) VALLANCE, William, Ernest, Taylor
[GB/GB]; 22 Cedar Drive, Marlow Bottom,
Marlow, Bucks SL7 3QB (GB).(74) PENDERED, Timothy, George et al. / etc.;
R.G.C. Jenkins & Co., 26 Caxton Street, Lon-
don SW1H 0RJ (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZMD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ E06B

(11) WO 2004/097151 (13) A2

(21) PCT/US2004/013095

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/426,933 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DOORS AND METHODS OF PRODUC-
ING SAME• PORTES ET LEURS PROCÉDES DE
PRODUCTION(63) US 10/426,933 (CON)
29 Apr/avr 2003 (29.04.2003)(71) TT TECHNOLOGIES, INC. [US/US];
1687 Woodlands Drive, Maumee, OH 43537
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) MINKE, Ronald, C. [US/US]; 15316
Laurel Ridge Place, Leo-Cedarville, IN
46765 (US). TEMPLETON, Daniel, G.
[US/US]; 12024 Willowwind Court, Allen
County, Fort Wayne, IN 46845 (US). RED-
DING, David, R. [US/US]; 1504 Cedar
Wind Court, Fort Wayne, IN 46845 (US).
KEPLER, Steven, P. [US/US]; 14021 Cov-
ered Wagon Trail, Leo-Cedarville, IN 46765
(US). NEMAZI, John, E. [US/US]; 4373
Stoneleigh, Bloomfield Hills, MI 48302
(US).(74) JAKUBOWSKI, Matthew, 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).

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)
(u) for / pour US only / seulement*(51)⁷ E06B 1/26

(11) WO 2004/097152 (13) A1

(21) PCT/KR2004/000467

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 20-2003-0013797 2 May/mai 2003 KR
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A WINDOW FRAME

• ENCADREMENT DE FENETRE

(71) RINSOOGUNCHANG CO. LTD.
[KR/KR]; 278-14, Kumgok-dong, Seo-gu,
404-330 Incheon (KR).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HWANG, You Chul [KR/KR]; Han-
shinhyu@ 101- 1404, Sangok-2dong,
Bupyeong-gu, 403-022 Incheon (KR).(74) LEE, Dae Sun; 5F, Chongkundang Bldg.,
441, Shipchong-2dong, Bupyeong-gu, In-
cheon 403-132 (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 E06C 7/18

(11) WO 2004/097153 (13) A1

(21) PCT/FR2004/000552

(22) 9 Mar/mar 2004 (09.03.2004)

(25) fr (26) fr

(30) 03/05080 25 Apr/avr 2003 FR
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SAFETY DEVICE FOR WORKING ON
A LADDER• DISPOSITIF DE SECURITE POUR
TRAVAIL SUR ECHELLE(71) MACHADO, Manuel [FR/FR]; 43 rue de
Plaisance, F-92250 La Garenne Colombes
(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 : (a)

(51)⁷ E06C 7/48, 1/34

(11) WO 2004/097154 (13) A1

(21) PCT/IE2004/000065

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) S2003/0329 1 May/mai 2003 IE
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A LADDER CLAMP
• BRIDE DE SERRAGE POUR ECHELLE

(71, 72) BRACKEN, Vincent, Joseph, Christo-
pher [IE/IE]; 10 Marley Drive, Rathfarnham,
Dublin 16 (IE). MAY, Stephen [IE/IE]; 12
Carrigmore Grove, Ailsbury, Tallaght, Dublin
24 (IE).

(74) O'CONNOR, Donal, H. et al. / etc.; Cruick-
shank & Co, 1 Holle Street, 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).

(51)⁷ E21B

(11) WO 2004/097155 (13) A2

(21) PCT/NO2003/000418

(22) 15 Dec/déc 2003 (15.12.2003)

(25) no (26) en

(30) 2002 6025 16 Dec/déc 2002 NO
(16.12.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CASING WITH ISOLATED ANNULAR
SPACE
• BOITIER A ESPACE ANNULAIRE
ISOLE

(71, 72) KRISTIANSEN, Einar [NO/NO]; San-
dalsloen 55, N-4022 Stavanger (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E21B

(11) WO 2004/097156 (13) A2

(21) PCT/RU2004/000178

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ru (26) ru

(30) 2003114024 30 Apr/avr 2003 RU
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR DRILLING WELLS AND
ENLARGING EXISTING HOLES

• DISPOSITIF DE FORAGE DE PUITTS ET
D'ELARGISSEMENT DES ORIFICES
EXISTANTS

(71) GOLOVLEV, Andrey Vladimirovich
[RU/RU]; ul. Sibiryakov Gvardeitsev,
59-181, Novosibirsk, 630088 (RU). KO-
VALEV, Vyacheslav Vasilyevich [RU/RU];
ul. Dinamovtsev, 6-48, Novosibirsk, 630098
(RU). SKOSOGORENKO, Gennady
Borisovich [RU/RU]; ul. Shirokaya, 115-78,
Novosibirsk, 630136 (RU).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) RYASHENTSEV, Alexandr Niko-
laevich [RU/RU]; ul. Russkaya, 9-199,
Novosibirsk, 630058 (RU).

(74) RYASHENTSEV, Alexandr Nikolaevich;
ul. Russkaya, 9-199, Novosibirsk, 630058
(RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097157 (13) A2

(21) PCT/RU2004/000179

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ru (26) ru

(30) 2003112481 29 Apr/avr 2003 RU
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR TREATING BOTTOM-
HOLE ZONE

• PROCEDE DE TRAITEMENT DE LA
ZONE DE FOND D'UN PUITTS

(71) ZAKRYTOE AKTSIONERNOE OB-
SHCHESTVO "NOIL-KHOLDING"
[RU/RU]; ul. Chuikova, 2, Kazan, 420094
(RU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAGUDIN, Nail Gabdulkhaievich
[RU/RU]; ul. Kosmonavtov, 55-99, Kazan,
420061 (RU). YAGUDIN, Airat Nailevich
[RU/RU]; ul. Chuikova, 13-35, Kazan,
420094 (RU).

(74) ZAKRYTOE AKTSIONERNOE OB-
SHCHESTVO "NOIL-KHOLDING";
a/ya 673, Kazan, 420032 (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 E21B

(11) WO 2004/097158 (13) A2

(21) PCT/US2004/012388

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/466,029 25 Apr/avr 2003 US
(25.04.2003)

(30) Not furnished / 20 Apr/avr 2004 US
non communiqué (20.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FAST MOVING DRILLING RIG
• DISPOSITIF DE FORAGE A DEPLACEMENT
RAPIDE

(71) NATIONAL OILWELL, INC. [US/US];
10000 Richmond Avenue, 4th Floor, Hous-
ton, TX 77042 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PALIDIS, Anastasios [CA/US]; 22711
Bloomridge Circle, Katy, TX 77450 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097159 (13) A2

(21) PCT/US2004/012784

(22) 24 Apr/avr 2004 (24.04.2004)

(25) en (26) en

(30) 60/465,279 24 Apr/avr 2003 US
(24.04.2003)

(30) 60/514,593 24 Oct/oct 2003 US
(24.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERMAL PROCESSES FOR SUB-SURFACE FORMATIONS

• PROCEDES THERMIQUES POUR FORMATIONS SOUTERRAINES

(71) SHELL OIL COMPANY [US/US]; Christensen, Del, P.O. Box 2463, Houston, TX 77252-2463 (US).

(only for / seulement pour US)

(71) SHELL CANADA LIMITED [CA/CA]; 400-4th Avenue, S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-5296 HR The Hague (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WELLINGTON, Scott, Lee [US/US]; 5109 Aspen Street, Bellaire, Texas 77401 (US). VINEGAR, Harold, J. [US/US]; 4613 Laurel, Bellaire, Texas 77401 (US). ROUFFIGNAC, Eric, Pierre de [US/US]; 4040 Ruskin, Houston, Texas 77005 (US). KARANIKAS, John, Michael [GR/US]; 4655 Wild Indigo Street, Apartment 302, Houston, Texas 77027 (US). BERCHENKO, Ilya, Emil [US/US]; 2102 Pine Drive, Friendswood, Texas 77546 (US). STEGE-MEIER, George, Leo [US/US]; 5819 Queensloch Drive, Houston, Texas 77096 (US). ZHANG, Etuan [US/US]; 5425 Loch Lomond Drive, Houston, Texas 77096 (US). SHAHIN, Gordon, Thomas, Jr. [US/US]; 4801 Cedar Street, Bellaire, Texas 77401 (US). FOWLER, Thomas, David [US/US]; 634 Aldersgate Court, Katy, Texas 77450 (US). RYAN, Robert, Charles [US/US]; 214 Cove Creek, Houston, Texas 77042 (US). MAHER, Kevin, Albert [US/US]; 5106 Huisache Street, Bellaire, Texas 77401 (US). MENOTTI, James, Louis [US/US]; 1810 Caroline, Dickinson, Texas 77539 (US). COLES, John, Matthew [US/US]; 703 Park Meadow Drive, Katy, Texas 77450 (US). KEEDY, Charles, Robert [US/US]; 5118 Danebridge Drive, Houston, Texas 77084 (US). MADGAVKAR, Ajay, Madhav [US/US]; 3102 Bentgrass Drive, Katy, Texas 77450 (US). VAN HARDEVELD, Robert, Martijn [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). SCHOELING, Lanny, Gene [US/US]; 2006 Emerald Loft Circle, Katy, Texas 77450 (US). WARD, John, Michael [US/US]; 2231 Royal Adelaide Drive, Katy, Texas 77450 (US). SUMNU-DINDORUK, Meliha, Deniz

[US/US]; 13011 Fox Brush Lane, Houston, Texas 77041 (US). BIELAMOWICZ, Lawrence, James [US/US]; 5223 Chestnut, Bellaire, Texas 77401 (US). BAXLEY, Phillip, Temmons [—/US]; 107 McTighe Drive, Bellaire, Texas 77401 (US). HUNSUCKER, Bruce, Gerard [US/US]; 5149 Mockingbird Lane, Katy, Texas 77493 (US). CARL, Fredrick, Gordon, Jr. [US/US]; 8406 Edgemoor Drive, Houston, Texas 77036 (US). LEPPER, Gordon, Bruce [—/CA]; 115 Waterloo Drive S.W., Calgary, Alberta T3C 3G4 (CA). ROBERTS, Bruce, Edmunds [CA/CA]; 64 Harkwood Hill NW, Calgary, Alberta T3C 3G6 (CA). VEENSTRA, Peter [—/US]; 8507 Chip-ping Rock Drive, Sugarland, Texas 77479 (US). WATKINS, Ronnie, Wade [US/US]; 17503 Bending Cypress Road, Cypress, Texas 77429 (US). CRANE, Steven, Dexter [US/US]; 2610 Spring Lake Drive, Richardson, Texas 75082 (US). MESSIER, Margaret, Ann [CA/CA]; 1404 4A Street NW, Calgary, Alberta T2M 3A9 (CA). PRATT, Christopher, Arnold [US/CA]; Box 4, Station 7, RR-1, Cochrane, Alberta T4C 1A1 (CA). BASS, Ronald, Marshall [US/US]; 3772 Ingold Street, Houston, Texas 77005 (US). MIKUS, Thomas [—/US]; 906 Coachlight Drive, Houston, Texas 77077 (US). GLANDT, Carlos, Alberto [—/NL]; Insulindeweg 27, NL-2612EL Delft (NL). PALFREYMAN, Bruce, Donald [US/US]; 1015 Ivory Ridge Lane, Houston, Texas 77094 (US). AYMOND, Dannie, Antoine, Jr. [US/US]; 8002 Shangrila Lane, Houston, Texas 77095 (US). HARRIS, Christopher, Kelvin [GB/US]; 2422 Dorrington #B, Houston, Texas 77030 (US). COLE, Anthony, Thomas [GB/NL]; Torenstraat 21D, NL-2513 BN Den Haag (NL). MCKINZIE, Billy, John, II [US/US]; 11907 Kemp Hollow Lane, Houston, Texas 77043 (US). SON, Jaime, S. [US/US]; 10210 Meadow Lake Lane, Houston, Texas 77042 (US). DEMARTINI, David, Charles [US/US]; 11714 Spriggs Way, Houston, Texas 77024 (US). SANDBERG, Chester, L. [US/US]; 758 Torrey Court, Palo Alto, California 94303 (US). BAI, Taixu [CN/US]; 21311 Wild Jasmine Lane, Katy, Texas 77450 (US). STONE, Francis, M., Jr. [US/US]; 2951 Marina Bay Drive #130-299, League City, Texas 77573 (US). GINESTRA, Jean-Charles [FR/US]; 5207 Mimosa Lane, Richmond, Texas 77469 (US). HANSEN, Kirk, Samuel [US/US]; 647 Electra Drive, Houston, Texas 77079 (US). WAGNER, Randolph, Rogers [US/US]; 14919 Chadbourne Drive, Houston, Texas 77079 (US). HARTMANN, Robin, Adrianus [NL/NL]; Volmerlaan 8, 2288, NL-2288-GD Rijswijk (NL). SANZ, Guillermo, Pastor [ES/US]; 6118 Saratoga Springs Lane, Houston, Texas 77041 (US). FAIRBANKS, Michael, David [US/US]; 2906 Cambry Corssing Court, Katy, TX 77494 (US).

(74) MEYERTONS, HOOD, KIVLIN, KOW-ERT & GOETZEL, P.C. et al. / etc.; Meyertons, Eric, B., 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 E21B 3/02, 47/18, 43/12, 7/04

(11) WO 2004/097160 (13) A2

(21) PCT/US2004/012753

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,395 25 Apr/avr 2003 US
(25.04.2003)

(30) 10/831,975 26 Apr/avr 2004 US
(26.04.2004)

(30) 10/831,976 26 Apr/avr 2004 US
(26.04.2004)

(30) 10/835,521 26 Apr/avr 2004 US
(26.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEMS AND METHODS USING A CONTINUOUSLY VARIABLE TRANSMISSION TO CONTROL ONE OR MORE SYSTEM COMPONENTS

• SYSTEMES ET PROCEDES UTILISANT UNE TRANSMISSION VARIABLE DE FAÇON CONTINUE AFIN DE COMMANDER UN OU PLUSIEURS COMPOSANTS DE SYSTEME

(71) INTERSYN TECHNOLOGIES [US/US]; 2735 Albans, Houston, TX 77005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHAAF, Stuart [US/US]; 2735 Albans, Houston, TX 77005 (US).

(74) MEWHERTER, Ann, Marie; Conley Rose, P.C., P.O. Box 684980, Austin, TX 78768 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/097161 (13) A1

(21) PCT/US2004/012311

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/422,427 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MODULAR DRILLING RIG SUB-STRUCTURE

• SUBSTRUCTURE MODULAIRE D'INSTALLATION DE FORAGE

(71) **HELMERICH & PAYNE, INC.** [US/US]; 1437 South Boulder, Tulsa, OK 74119 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72) **ORR, Alan**; 3519 East 110th, Tulsa, OK 74137 (US). **TREVITHICK, Mark**; 8703 Dallam Court, Houston, TX 77064 (US).

(74) **KACHIGIAN, Mark, G.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 7/02, 19/22, B65H 51/04, B65G 1/04**

(11) **WO 2004/097162** (13) A1

(21) PCT/US2004/012407

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/423,657 **25 Apr/avr 2003** US **(25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSPORTATION, STORAGE, AND INSTALLATION SYSTEM FOR RIG UTILITIES

• SYSTEME DE TRANSPORT, DE STOCKAGE ET D'INSTALLATION POUR PLATES-FORMES DE FORAGE

(71) **HELMERICH & PAYNE, INC.** [US/US]; 1437 South Boulder, Tulsa, OK 74119 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72) **ORR, Alan**; 3519 East 110th, Tulsa, OK 74137 (US). **HAMPTON, Samuel, David**; 402 South McQuarrie, Wagoner, OK 74467 (US). **COOK, Bernard, J.**; 5515 East 92nd Street, Tulsa, OK 74137 (US). **UNDERWOOD, Robert, Lewis**; 10004 East 117th Place, Bixby, OK 74008 (US). **GREAGER, Eric, Thomas**; 12810 East 90th Street North, Owasso, OK 74055 (US).

(74) **KACHIGIAN, Mark, G.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 10/32**

(11) **WO 2004/097163** (13) A1

(21) PCT/GB2004/001758

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 0309906.6 **30 Apr/avr 2003** GB **(30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DOWNHOLE TOOL HAVING RADIALLY EXTENDABLE MEMBERS

• OUTIL DE FOND POSSEDANT DES ELEMENTS EXTENSIBLES RADIALEMENT

(71) **ANDERGAUGE LIMITED** [GB/GB]; Hareness Road, Altens, Aberdeen AB12 3LE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EDDISON, Alan, Martyn** [GB/GB]; Stanley Cottage, Smiddy Road, Drumlithie, Stonehaven AB39 3YS (GB). **ADAM, Mark** [GB/GB]; 48 Castle Terrace, Aberdeen AB11 5DZ (GB).

(74) **MACDOUGALL, Donald, Carmichael et al.** / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 19/10**

(11) **WO 2004/097164** (13) A1

(21) PCT/NO2004/000124

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) no (26) en

(30) 20031994 **2 May/mai 2003** NO **(02.05.2003)**

(30) 60/467,128 **2 May/mai 2003** US **(02.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM, LIFTING DEVICE AND METHOD FOR SUPPORTING A PIPE STRING

• SYSTEME, AGENCEMENT DE LEVAGE ET PROCEDE DE TENUE DE COLONNE DE TUBES

(71) **HD OIL TECHNOLOGY AS** [NO/NO]; P.O. Box 1020, Hillevåg, N-4095 Stavanger (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DYKESTEEN, Helge** [NO/NO]; Markveien 39, N-4020 Stavanger (NO).

(74) **ONSAGERS AS**; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 21/00, 31/03**

(11) **WO 2004/097165** (13) A1

(21) PCT/AU2004/000573

(22) **3 May/mai 2004 (03.05.2004)**

(25) en (26) en

(30) 2003902106 **2 May/mai 2003** AU **(02.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLUSHING DEVICE

• DISPOSITIF DE RINÇAGE

(71) **DRILLING SOLUTIONS PTY LTD** [AU/AU]; 185 Camboon Road, Malaga, Western Australia 6090 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEGLEY, Maxwell, Graham** [AU/AU]; 185 Camboon Road, Malaga, Western Australia 6090 (AU). **MUN-SLOW-DAVIES, Keith** [AU/AU]; 185 Camboon Road, Malaga, Western Australia 6090 (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 E21B 43/04, 43/08, 43/12

(11) WO 2004/097166 (13) A1

(21) PCT/GB2004/001646

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/423,126 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR COMPLETING UNCONSOLIDATED LATERAL WELL BORES

• PROCEDE ET APPAREIL POUR ACHEVER DES Puits DE FORAGE LATERAUX NON CONSOLIDES

(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). SANDERS, Michael, W. [US/US]; 3207 Fox Hollow, Duncan, OK 73533 (US). GIBSON, Ron, A. [US/US]; 2215 Live Oak Circle, Duncan, OK 73533 (US). LORD, David, L. [US/US]; Rt. 2, Box 185, Marlow, OK 73055 (US). MCMECHAN, David, E. [US/US]; 4625 Copperwood, Duncan, OK 73533 (US). DUSTERHOFT, Ronald, G. [CA/CA]; 1902 Crescent Common Drive, Katy, TX 77494 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 43/08, 43/04, 34/06, 34/10, 43/26, 43/267, 34/14

(11) WO 2004/097167 (13) A1

(21) PCT/US2004/008233

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/424,425 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SAND CONTROL SECREEN ASSEMBLY AND TREATMENT METHOD USING THE SAME

• ENSEMBLE DE TAMIS DE CONTROLE DU SABLE ET PROCEDE DE TRAITEMENT UTILISANT CELUI-CI

(71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; 2901 Beltline Road, Carrollton, TX 75006-5401 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICHARDS, William, Mark [US/US]; 6117 Louisville Drive, Frisco, TX 75035 (US). HAILEY, Travis, T. [US/US]; 3902 Lyndhurst Place, Sugar Land, TX 77479 (US). ROANE, Thomas, O. [US/US]; 22922 Copper Creek Lane, Katy, TX 77450 (US). ECHOLS, Ralph, H. [US/US]; 4256 Milview Lane, Dallas, TX 75287 (US).

(74) YOUST, Lawrence, R.; Danamraj & Youst, P.C., Suite 1450, 5910 N. Central Expressway, Dallas, TX 75206 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 7/20, 29/00

(11) WO 2004/097168 (13) A1

(21) PCT/EP2004/050544

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03252654.3 25 Apr/avr 2003 EP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF CREATING A BORE-HOLE IN AN EARTH FORMATION

• PROCÉDÉ POUR RÉALISER UN TROU DE FORAGE DANS UNE FORMATION

(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 CA US)

(71) SHELL CANADA LTD [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

(only for / seulement pour CA)

(72, 75) BENZIE, Scott, Anthony [GB/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL). DEWAR, John, Alexander, Gordon [GB/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL). FILIPPOV, Andrei, Gregory [US/US]; 2606 Hidden Shore Drive, Katy, Texas 77450 (US). SCHILTE, Paul, Dirk [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, B21D 39/08, 31/04

(11) WO 2004/097169 (13) A1

(21) PCT/EP2004/050548

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03252656.8 25 Apr/avr 2003 EP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXPANDER SYSTEM FOR INCREMENTAL EXPANSION OF A TUBULAR ELEMENT

• SYSTEME D'ECARTEUR POUR L'ELARGISSEMENT PROGRESSIF D'UN ELEMENT TUBULAIRE

(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) LOHBECK, Wilhelmus Christianus Maria [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, B21D 39/08, 31/04

(11) WO 2004/097170 (13) A1

(21) PCT/EP2004/050549

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03252655.0 25 Apr/avr 2003 EP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXPANDER SYSTEM FOR STEPWISE EXPANSION OF A TUBULAR ELEMENT

• SYSTÈME D'ECARTEUR POUR L'ELARGISSEMENT PROGRESSIF D'UN ELEMENT TUBULAIRE

(71) SHELL INTERNATIONAL 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) LOHBECK, Wilhelmus Christianus Maria [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 43/267

(11) WO 2004/097171 (13) A1

(21) PCT/BR2003/000074

(22) 9 Jun/juin 2003 (09.06.2003)

(25) en (26) en

(30) PI0301036-8 29 Apr/avr 2003 BR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROPPANT FOR HYDRAULIC FRACTURING OF OIL AND GAS WELLS AND PROCESS FOR DECREASING OR ELIMINATING "FLOW-BACK" EFFECT IN OIL AND GAS WELLS"

• AGENT DE SOUTÈNEMENT POUR FRACTURATION HYDRAULIQUE DE PUITTS DE PETROLE ET DE GAZ ET PROCEDE DE REDUCTION OU DE SUPPRESSION DU REFLUX DANS LES PUITTS DE PETROLE ET DE GAZ

(71) MINERAÇÃO CURIMBABA LTDA. [BR/BR]; Av. João Pinheiro, 3665, 37704-392- Poços de Caldas MG (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CURIMBABA, Sebastião [BR/BR]; Rua Barros Cobra, 411, Poços de Caldas (BR). WARWICK KERR DE PAIVA CORTES, Gabriel [BR/BR]; Av. Presidente Wenceslau Braz, KM 5, Poços de Caldas, Minas Gerais (BR). DE PAIVA CORTES, Guilherme [BR/BR]; Rua Dr. Mario de Paiva, 575, Apto. 601, Poços de Caldas, Minas Gerais (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, 22251-040-Rio de Janeiro, RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 E21B 44/00, 44/02

(11) WO 2004/097172 (13) A1

(21) PCT/US2004/012129

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/423,724 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR AUTOMATIC DRILLING

• SYSTÈME ET PROCEDE DE FORAGE AUTOMATIQUE

(71) NOBLE CORPORATION [US/US]; 13135 South Dairy Ashford, Sugar Land, TX 77478 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PINCKARD, Mitchell, D.; 14811 Camino Rancho, Houston, TX 77083 (US). NIEDERMAYER, Michael; 5303 Riverhollow Court, Sugar Land, TX 77479 (US). KING, Charles, H.; 514 Woodbend Lane, Houston, TX 77079 (US).

(74) OSHA, Jonathan, P. et al. / etc.; Osha & May L.L.P., One Houston Center, Suite 2800, 1221 McKinney Street, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 E21B 47/01

(11) WO 2004/097173 (13) A1

(21) PCT/EP2004/003660

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0310114.4 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN IMPROVED SHIELDED APPARATUS FOR ELECTRICALLY EXPLORING GEOLOGICAL FORMATION THROUGH WHICH A BOREHOLE PASSES

• APPAREIL A PROTECTION AMÉLIORÉ PERMETTANT D'EXPLORER ÉLECTRIQUEMENT UNE FORMATION GÉOLOGIQUE A TRAVERS LAQUELLE PASSE UN TROU DE FORAGE

(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, The Hague, JG 2514 (NL).

(for all designated States except / pour tous les États désignés sauf BF BJ BR CA CF CG CI CM CN CZ FR GA GN GQ GW IN JP LT MA ML MR NE NL OM SD SN TD TG TN TR TT US VN)

(71) SCHLUMBERGER HOLDINGS LIMITED; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).

(only for / seulement pour GB JP NL)

(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 525 - 3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA).

(only for / seulement pour CA)

(71) SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).

(only for / seulement pour BR)

(71) PETROLEUM RESEARCH AND DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Curaçao (AN).

(only for / seulement pour BF BJ CF CG CI CM CZ GA GN GQ GW IN LT MA ML MR NE SN TD TG TN VN)

(71) SCHLUMBERGER OILFIELD ASSISTANCE LIMITED; Craigmuir Chambers, Road Town, Tortola (VG).

(only for / seulement pour OM SD SY TR)

(71) SCHLUMBERGER SERVICES LIMITED; P.O. Box 438, Tortola (VG).

(only for / seulement pour TT)

(71) SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).

(only for / seulement pour CN)

(71) **SCHLUMBERGER SEACO INC.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City, Panama (PA).
(only for / seulement pour EG)

(72, 75) **HAYMAN, Andrew** [GB/FR]; 44 rue Dumont D'Urville, F-78960 Voisins-le-Bretonneux (FR).

(74) **MENES, Catherine**; Etudes & Productions Schlumberger, 1 Rue Henri Becquerel- B.P. 202, Boîte postale 202, F-92142 Clamart Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E21B 47/12, H04B 3/54, G01V 11/00**

(11) **WO 2004/097174** (13) A1

(21) PCT/EP2004/003993

(22) **9 Apr/avr 2004 (09.04.2004)**

(25) en (26) en

(30) 0309590.8 **28 Apr/avr 2003 GB (28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REDUNDANT SYSTEMS FOR DOWN-HOLE PERMANENT INSTALLATIONS
• SYSTEMES REDONDANTS DESTINES A DES INSTALLATIONS PERMANENTES DE FOND DE TROU

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(71) **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(for all designated States except / pour tous les États désignés sauf BF BJ BR CA CF CG CI CM CN CZ FR GA GB GN GQ GW IN JP LT MA ML MR NE NL OM SD SN TD TG TN TR TT US VN)

(71) **SCHLUMBERGER HOLDINGS LIMITED**; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour GB JP NL)

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 525 - 3rd Avenue Southwest, Calgary, Alberta T2P 0G4 (CA).
(only for / seulement pour CA)

(71) **PETROLEUM RESEARCH & DEVELOPMENT N.V.** [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN).
(only for / seulement pour BF BJ CF CG CI CM CN CZ GA GN GQ GW IN LT MA ML MR NE SN TD TG TN VN)

(71) **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour CN)

(71) **SCHLUMBERGER OILFIELD ASSISTANCE LIMITED**; Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour OM SD SY TR)

(71) **SCHLUMBERGER SURENCO S.A.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour BR)

(71) **SCHLUMBERGER SERVICES LIMITED**; P.O. Box 438, Tortola (VG).
(only for / seulement pour TT)

(71) **SCHLUMBERGER SEACO INC.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour EG)

(72, 75) **HIRON, Stéphane** [FR/US]; Schlumberger Reservoir Completions, P.O. Box 1590, Rosharon, TX 77583-1590 (US).
MATHIEU, Yves [FR/FR]; Etudes & Productions Schlumberger, 1, rue H. Becquerel, F-92142 Clamart Cedex (FR).
CHOUZENOUX, Christian [FR/FR]; Etudes & Productions Schlumberger, 1, rue H. Becquerel, F-92142 Clamart Cedex (FR).
GOURDONNEAU, Patrick [FR/FR]; Etudes & Products Schlumberger, 1, rue H. Becquerel, F-92142 Clamart Cedex (FR).
RENOUX, Nicolas [FR/FR]; Etudes & Productions Schlumberger, 1, rue H. Becquerel, F-92142 Clamart Cedex (FR).

(74) **MENES, Catherine**; Etudes & Productions Schlumberger, 1, rue Henri Becquerel - B.P. 202, F-92142 Clamart Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E21B 49/00**

(11) **WO 2004/097175** (13) A2

(21) PCT/FR2004/000953

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) fr (26) fr

(30) 03/05131 **25 Apr/avr 2003 FR (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR ANALYSING AT LEAST ONE GAS CONTAINED IN A LIQUID, PARTICULARLY BORE FLUID
• DISPOSITIF D'ANALYSE D'AU MOINS UN GAZ CONTENU DANS UN LIQUIDE NOTAMMENT UN FLUIDE DE FORAGE

(71) **GEOSERVICES** [FR/FR]; 7 rue Newton - Z.I. du Coudray, F-93150 Le Blanc-Mesnil (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EVARD, Jean-François** [FR/FR]; 42 rue de la demi-lune, F-93100 Montreuil-sous-Bois (FR).
BREVIERE, Jérôme [FR/FR]; 41 rue Phanie Leleu, F-95150 Taverny (FR).
LASSERRE, Jean-Christophe [FR/FR]; N° 2 Lotissement "des lavandes", F-34150 Aniane (FR).
SANCHEZ MARCANO, José [FR/FR]; 96 avenue Paul Riquet, F-34160 Castries (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 49/00, 49/08, 49/10**

(11) **WO 2004/097176** (13) A1

(21) PCT/US2004/012711

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 10/423,420 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FORMATION TESTING APPARATUS AND METHOD FOR OPTIMIZING DRAW DOWN
• APPAREIL ET PROCEDE D'ESSAI DE FORMATIONS POUR OPTIMISER LE TIRAGE

(71) **BAKER HUGHES INCORPORATION** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **MEISTER, Matthias**; Lueckenweg 21, 29227 Celle (DE).
LEE, Jaedong; 1326 Remington Crest Drive, Houston, TX 77094 (US).
SVEN, Krueger; Kronenstrasse 34, 29221 Celle (DE).
NIEMEYER, Eick; Rambergstrasse 33, 30161 Hanover (DE).

(74) **WELBORN, Brian, S.** et al. / etc.; 2001 Rankin Road, Houston, TX 77073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21F 17/00

(11) WO 2004/097177 (13) A1

(21) PCT/DE2004/000779

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 19 934.9 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR ILLUMINATING THE STOPE SUPPORT AT A LONGWALL FACE

• DISPOSITIF D'ECLAIRAGE DES CHEVALETS DE SOUTÈNEMENT DANS UNE TAILLE

(71) TIEFENBACH BERGBAUTECHNIK 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 Rechtsanwältin, 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01D

(11) WO 2004/097178 (13) A2

(21) PCT/RU2004/000165

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ru (26) ru

(30) 2003112534 28 Apr/avr 2003 RU (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERMITTENT GAS-TURBINE ENGINE

• MOTEUR A TURBINE A GAZ FONCTIONNANT PAR IMPULSIONS ET VARIANTES

(71, 72) KOSTIOUKOV, Vladimir Nikolaevich [RU/RU]; ul. Bistрова, 249, Volgograd, 400079 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00

(11) WO 2004/097179 (13) A1

(21) PCT/DE2004/000651

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 19 015.5 27 Apr/avr 2003 DE (27.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE MAINTENANCE OF GAS TURBINES

• PROCEDE DE MAINTENANCE DE 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) BURMEISTER, Rolf [DE/DE]; Neudorf 43, 31637 Rodewald (DE). EXLER, Ferdinand [DE/DE]; Soldorfer Strasse 10, 31552 Apelem (DE). PETRICK, Torsten [DE/DE]; Irisweg 3, 30900 Wedemark (DE). SIEDOW, Heinz-Jürgen [DE/DE]; Ludwig-Kaufholz-Weg 3, 31535 Neustadt am Rübenberge (DE). WINKLER, Lutz [DE/DE]; An der Sandgrube 11, 31515 Wunstorf (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).

Published / Publiée : (c)

(51)⁷ F01D 5/00

(11) WO 2004/097180 (13) A1

(21) PCT/DE2004/000656

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 19 019.8 27 Apr/avr 2003 DE (27.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE MAINTENANCE AND REPAIR OF GAS TURBINES

• PROCEDE DE MAINTENANCE ET DE REPARATION DE 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) HANREICH, Klaus [DE/DE]; Am Holze 30a, 30900 Wedemark (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).

Published / Publiée : (c)

(51)⁷ F01D 11/24, 11/10

(11) WO 2004/097181 (13) A1

(21) PCT/CA2004/000563

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/426,051 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYBRID TURBINE BLADE TIP CLEARANCE CONTROL SYSTEM

• SYSTEME HYBRIDE DE REGULATION DE L'ESPACE A L'EXTREMITE DE PALES DE TURBINE

(71) PRATT & WHITNEY CANADA CORP. [CA/CA]; C/O Todd Bialek, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Quebec J4G 1A1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILSON, Kevin [CA/CA]; 36 River View Drive, Brampton, Ontario L6W 2E5 (CA). BOUCHARD, Guy [CA/CA]; 941 de la Pommerai, Mont St. Hilaire, Quebec J3H 5E5 (CA). MAKUSZEWSKI, Jerzy [CA/CA]; 278 Hollymount Dr., Mississauga, Ontario L5R 3R6 (CA).

(74) BAILEY, Todd; Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01D 25/00

(11) WO 2004/097182 (13) A1

(21) PCT/DE2004/000655

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 19 017.1 27 Apr/avr 2003 DE
(27.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND INSTALLATION FOR MAINTENANCE OF GAS TURBINES

• PROCEDE ET INSTALLATION DE MAINTENANCE DE 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) RENNER, Detlef [DE/DE]; Zum Krücker 13, 37197 Hattorf/Harz (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).

Published / Publiée : (c)

(51)⁷ F01D 25/24

(11) WO 2004/097183 (13) A1

(21) PCT/JP2004/003974

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-123923 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TURBINE NOZZLE SEGMENT

• SEGMENT DE DISTRIBUTEUR DE TURBINE

(71) ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1008182 (JP).

(72) TSURU, Atsushi/NISHIMURA, Keiji

(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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 1/30, 13/00

(11) WO 2004/097184 (13) A1

(21) PCT/GB2004/001762

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309512.2 26 Apr/avr 2003 GB
(26.04.2003)

(30) 0329201.8 17 Dec/déc 2003 GB
(17.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTROMAGNETIC VALVE ACTUATOR

• ACTIONNEUR ELECTROMAGNETIQUE

(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) WYGNANSKI, Wladyslaw [GB/GB]; 24 Craister Court, Cambridge CB4 2SL (GB).
FORD, Graham, Paul [GB/GB]; 35 West Road, Comberton, Cambridge CB3 7DS (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 F01L 13/00

(11) WO 2004/097185 (13) A1

(21) PCT/JP2004/006426

(22) 6 May/mai 2004 (06.05.2004)

(25) ja (26) ja

(30) 2003-126257 1 May/mai 2003 JP
(01.05.2003)

(30) 2003-304932 28 Aug/août 2003 JP
(28.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VALVE-MOVING DEVICE FOR ENGINE

• DISPOSITIF DE DEPLACEMENT DE SOUPAPE POUR MOTEUR

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HATAMURA, Koichi [JP/JP]; 20-16, Danharayamazaki-cho, Minami-ku, Hiroshima-shi, Hiroshima, 7320813 (JP).

(72, 75) FUJITA, Hideo [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).

(74) SHIMOICHI, Tsutomu; 19-23-715, Utsuho-onmachi 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 13/00

(11) WO 2004/097186 (13) A1

(21) PCT/JP2004/006428

(22) 6 May/mai 2004 (06.05.2004)

(25) ja (26) ja

(30) 2003-126257 1 May/mai 2003 JP
(01.05.2003)

(30) 2003-304931 28 Aug/août 2003 JP
(28.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VALVE GEAR OF ENGINE

• COMMANDE DE SOUPAPE

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HATAMURA, Koichi [JP/JP]; 20-16, Danharayamazaki-cho, Minami-ku, Hiroshima-shi, Hiroshima, 7320813 (JP).

(72, 75) FUJITA, Hideo [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).

(74) SHIMOICHI, Tsutomu; 19-23-715, Utsuho-onmachi 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/10, F16N 39/00

(11) WO 2004/097187 (13) A1

(21) PCT/EP2004/004030

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 784.7 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE
• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE

(71) AUDI AG [DE/DE]; 85045 Ingolstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PÖLZL, Hans-Werner [AT/DE]; Weimarstrasse 2/1, 74206 Bad Wimpfen (DE).

(74) MADER, Wilfried; Audi AG, Patentabteilung N/EK-7, Postfach 11 44, 74148 Neckarsulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F01N 1/08, 1/00

(11) WO 2004/097188 (13) A1

(21) PCT/SG2004/000114

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/426,558 1 May/mai 2003 US (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH PERFORMANCE MUFFLER
• POT D'ÉCHAPPEMENT A HAUTE PERFORMANCE

(71) AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, Singapore Science Park II, #07-01 Centros, Singapore 138668 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAI, Chao [SG/SG]; Block 351B, Canberra Road #08-307, Singapore 752351 (SG). CHENG, Ming [CN/SG]; 9, Woodlands Drive 72, #11-24, Singapore 738093 (SG). HUNG, Kin, Chew [SG/SG]; Blk 866 Yishun St 81, #09-53, Singapore 760866 (SG).

(74) ALLEN & GLEDHILL; One Marina Boulevard, #28-00, Singapore 018989 (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 F01N 3/20

(11) WO 2004/097189 (13) A1

(21) PCT/NO2003/000141

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXHAUST CONVERTER
• TRANSFORMATEUR D'ÉCHAPPEMENT

(71) H. PAULSEN UNDERVISNINGSMETODIKK AS [NO/NO]; Postboks 41, N-1309 Rud (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAULSEN, Marit, Irene [NO/NO]; Hauger Skolevei 16, N-1309 Rud (NO). RIBE, Knut [NO/NO]; Luntevikveien 41, N-4790 Lillesand (NO).

(74) OSLO PATENTKONTOR AS; Postboks 7007M, N-0306 Oslo (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model

/ modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ F01N 3/22, 3/30

(11) WO 2004/097190 (13) A1

(21) PCT/JP2004/005751

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-126258 1 May/mai 2003 JP (01.05.2003)

(30) 2004-084602 23 Mar/mar 2004 JP (23.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ENGINE
• MOTEUR

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIMURA, Hidehiro [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP). TAKII, Osamu [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).

(74) SHIMOICHI, Tsutomu; 19-23-715, Utsuhonmachi 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 US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F01N 7/00

(11) WO 2004/097191 (13) A2

(21) PCT/FR2004/001042

(22) 29 Apr/avr 2004 (29.04.2004)

(25) fr (26) fr

(30) 03/05276 29 Apr/avr 2003 FR
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOTOR VEHICLE EXHAUST LINE MEMBER

• ORGANE DE LA LIGNE D'ÉCHAPPEMENT D'UN VEHICULE AUTOMOBILE

(71) FAURECIA SYSTEMES D'ÉCHAPPEMENT [FR/FR]; 2 rue Hennape, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GERARD, Michel [FR/FR]; 11 rue Lot Mougnot, F-70400 Hericourt (FR).

(74) DOMENEGO, Bertrand; 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).

(51)⁷ F01N 7/00

(11) WO 2004/097192 (13) A2

(21) PCT/FR2004/000980

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fr (26) fr

(30) 03/05112 25 Apr/avr 2003 FR
(25.04.2003)(30) 03/07634 24 Jun/juin 2003 FR
(24.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXHAUST FOR INTERNAL COMBUSTION ENGINE

• ÉCHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE

(71) FAURECIA SYSTEMS D'ÉCHAPPEMENT société par actions simplifiée [FR/FR]; 2, rue Hennape, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POUTOT, Benoît [FR/FR]; 5, rue Neuve, F-25310 Blamont (FR).

(74) RHEIN, Alain; Cabinet Bleger-Rhein, 8, avenue Pierre Mendès France, F-67300 Schiltigheim (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01N 11/00

(11) WO 2004/097193 (13) A2

(21) PCT/EP2004/050451

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 19 224.7 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE, PARTICULARLY OF A MOTOR VEHICLE

• PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE EQUIPANT NOTAMMENT UN VEHICULE AUTOMOBILE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFAEFFLE, Andreas [DE/DE]; Rosenstrasse 26, 71543 Wuestenrot (DE). KLENK, Wolfgang [DE/DE]; Besigheimer Strasse 25, 74369 Loechgau (DE). SCHERER, Stefan [DE/DE]; Am Bergwald 30, 70329 Stuttgart (DE). NEUBERTH, Simone [DE/DE]; Kuchenerstrasse 14, 70327 Stuttgart (DE). SCHWADERER, Albrecht [DE/DE]; Abstatte Strasse 41, 74199 Untergruppenbach (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 F02B 29/04, F01P 5/12, 7/16

(11) WO 2004/097194 (13) A2

(21) PCT/EP2004/004511

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 762.1 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CIRCUIT FOR COOLING CHARGE AIR, AND METHOD FOR OPERATING SUCH A CIRCUIT

• CIRCUIT POUR REFROIDIR DE L'AIR DE SURALIMENTATION ET PROCEDE D'EXPLOITATION D'UN CIRCUIT DE CE TYPE

(71) BEHR GMBH & CO.KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PANTOW, Eberhard [DE/DE]; Ellen-Key-Weg 8, 71696 Möglingen (DE). ROGGE, Stefan [DE/DE]; Feuerleinstrasse 4, 70193 Stuttgart (DE).

(74) BEHR GMBH & CO.KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 F02B 37/013, 37/18, 37/007, F01N 3/20

(11) WO 2004/097195 (13) A1

(21) PCT/EP2004/003100

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 19 594.7 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TURBOCHARGER DEVICE AND METHOD FOR OPERATION OF A TURBOCHARGER DEVICE

• SYSTEME DE TURBOCOMPRESSEUR ET PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE TURBOCOMPRESSEUR

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEINL, Ulrich [DE/DE]; Gralsstrasse 15/17, 68199 Mannheim (DE). SASS, Heiko [DE/DE]; Lindenstrasse 93, 71732 Tamm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 43/00, F02D 19/02, F02M 21/02

(11) WO 2004/097196 (13) A1

(21) PCT/IT2003/000474

(22) 29 Jul/juillet 2003 (29.07.2003)

(25) en (26) en

(30) RM 03 A 000208 30 Apr/avr 2003 IT (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN LPG FUEL SYSTEM FOR PETROL INJECTION ENGINES
• REGULATEUR D'ALIMENTATION EN GPL POUR MOTEURS A INJECTION D'ESSENCE

(71) I.C.O.M. S.p.A. [IT/IT]; Via Appia 32/B, I-04012 Cisterna di Latina (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CIPPITANI, Luciano [IT/IT]; Via Appia 32/B, I-04012 Cisterna di Latina (IT).

(74) SNEIDER, Massimo; c/o Studio Tecnico Lenzi, Via Lucania, 13, I-00187 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SJ 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 F02D

(11) WO 2004/097197 (13) A2

(21) PCT/US2003/040776

(22) 19 Dec/déc 2003 (19.12.2003)

(25) en (26) en

(30) 10/330,665 30 Dec/déc 2002 US (30.12.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NO_x AFTERTREATMENT SYSTEM AND METHOD FOR INTERNAL COMBUSTION ENGINES

• SYSTEME ET PROCÉDE DE POST-TRAITEMENT AU NO_x POUR MOTEURS A COMBUSTION INTERNE

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78238 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STANGLMAIER, Rudolf, H. [US/US]; 937 Shire Court, Fort Collins, CO (US). ROECKER, Ryan, C. [US/US]; 6006 Hart Field, San Antonio, TX (US). ROBERTS, Charles, E., Jr. [US/US]; 8511 Timber West, San Antonio, TX (US). STEWART, Daniel,

W. [US/US]; 10309 Rafter S. Trail, Helotes, TX (US).

(74) LEE, Ted; Gunn & Lee, P.C., Suite 1500, 700 N. St. Mary's Street, San Antonio, TX 78205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG 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 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 41/00, 19/06

(11) WO 2004/097198 (13) A1

(21) PCT/DE2004/000844

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 963.7 26 Apr/avr 2003 DE (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERNAL COMBUSTION ENGINE OPERATED WITH TWO FUELS THAT HAVE DIFFERENT KNOCK RESISTANCE

• MOTEUR A COMBUSTION INTERNE FONCTIONNANT AVEC DEUX CARBURANTS A POUVOIR ANTIDETONANT DIFFÉRENT

(71) ADAM OPEL AG [DE/DE]; Patentwesen / L1-02, 65423 Rüsselsheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAUSS, Andreas [DE/DE]; Am Trift 4, 56479 Westernheide (DE). BRAUNE, Mathias [DE/DE]; Adalbert-Stifter-Strasse 12, 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 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 41/00, F02B 1/12

(11) WO 2004/097199 (13) A1

(21) PCT/EP2004/002670

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 19 330.8 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR INFLUENCING THE INDUCTION GAS TEMPERATURE IN THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

• SYSTEME ET PROCÉDE POUR INFLUER SUR LA TEMPÉRATURE D'ASPIRATION DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION

(71) SIEMENS AKTIENGESellschaft [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUER, Erwin [DE/DE]; Salzgasse 1 A, 93059 Regensburg (DE). ELLMER, Dietmar [DE/DE]; Böhmerwaldstr.11, 93057 Regensburg (DE). LAUER, Thorsten [DE/DE]; Donaustaufstr. 206B, 93059 Regensburg (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 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 41/04, 41/14, 45/00, F01N 3/24, 3/28

(11) WO 2004/097200 (13) A1

(21) PCT/JP2003/005529

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERNAL COMBUSTION ENGINE CONTROL DEVICE

• DISPOSITIF DE COMMANDE DE MOTEUR A COMBUSTION INTERNE

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAGAWA, Shinji [JP/JP]; c/o Hitachi Research Laboratory, HITACHI, LTD., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). HORI, Toshio [JP/JP]; c/o Automotive Systems of HITACHI, LTD., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP). NEMOTO, Mamoru [JP/JP]; c/o Automotive Systems of HITACHI, LTD., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP). NAGANO, Masami [JP/JP]; c/o Automotive Systems of HITACHI, LTD., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 (JP).

(74) HIRAKI, Yusuke; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02D 41/34

(11) WO 2004/097201 (13) A1

(21) PCT/EP2004/002261

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 18 839.8 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND DEVICES FOR DETERMINING A CORRECTION VALUE FOR A MEASURED SEGMENT TIME

• PROCEDES ET DISPOSITIFS POUR DETERMINER UNE VALEUR DE CORRECTION POUR UN TEMPS DE SEGMENT MESURE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUNS, Carsten [DE/DE]; Adolf-Schmetzer-Strasse 22, 93055 Regensburg (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 F02K

(11) WO 2004/097202 (13) A2

(21) PCT/US2004/008166

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/456,710 22 Mar/mar 2003 US (22.03.2003)

(30) 60/478,163 13 Jun/juin 2003 US (13.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TOGGLE INTERLOCKED THRUST REVERSER

• INVERSEUR DE POUSSEE A VERROUILLAGE RECIPROQUE PAR ARTICULATION

(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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02K 7/00, F01D 1/36, F04D 17/16, 5/00

(11) WO 2004/097203 (13) A1

(21) PCT/IB2003/001727

(22) 2 May/mai 2003 (02.05.2003)

(25) de (26) de

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROPULSION OF VEHICLES OR TRANSPORT OF A MEDIUM BY MEANS OF A CONICAL BODY

• PROPULSION DE VEHICULES OU TRANSPORT D'UN MILIEU AU MOYEN D'UN CORPS CONIQUE

(71) KRUGMANN, Hanns-Michael [DE/DE]; Unternehmensberatung Krugmann, Guntherstrasse 17, 90461 Nürnberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) PAYNE, Michael [US/DE]; Hotel Meteor, Holzgartenstrasse 25, 90461 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(r) for all designations / pour toutes les designations

(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F02M

(11) WO 2004/097204 (13) A2

(21) PCT/US2004/011529

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/422,180 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUEL RETURN PASSAGE FOR AN INTERNAL COMBUSTION ENGINE

• PASSAGE DE RETOUR DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

(71) INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC [US/US]; 4201 Winfield Road, Warrenville, IL 60555 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAGER, James, H. [US/US]; 602 Mockingbird Court, Saint Charles, IL 60175-5642 (US). ANELLO, Anthony, M. [US/US]; 1453 Bannock Ct., Bartlett, IL 60103 (US).

(74) SULLIVAN, Dennis, Kelly et al. / etc.; 4201 Winfield Road, Warrenville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F02M

(11) WO 2004/097205 (13) A2

(21) PCT/US2004/012801

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/423,010 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUEL INJECTOR HAVING A COOLED LOWER NOZZLE BODY

- INJECTEUR DE CARBURANT PRESENTANT UN CORPS D'AJUTAGE INFERIEUR REFROIDI

(71) CUMMINS, INC. [US/US]; 500 Jackson Street, Columbus, IN 47201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHENANDA, Cariappa, M. [IN/US]; 4382 Red Hawk Court, Columbus, IN 47203 (US). BUCHANAN, David, L. [US/US]; 2022 W. County Road 800 South, Westport, IN 47283 (US). PETERS, Lester, L. [US/US]; 8543 W. Dam Road, Columbus, IN 47201 (US).

(74) BRACKETT, Tim, L., Jr.; 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 F02M 9/02, F16K 3/03

(11) WO 2004/097206 (13) A1

(21) PCT/AU2004/000548

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2003902065 1 May/mai 2003 AU (01.05.2003)

(30) 2003906061 3 Nov/nov 2003 AU (03.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THROTTLE VALVE

- SOUPAPE D'ETRALEMENT

(71) BISHOP INNOVATION LIMITED [AU/AU]; 10 Waterloo Road, North Ryde, NSW 2113 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Andrew, Donald [AU/AU]; 116 Moncrieff Drive, East Ryde, NSW 2113 (AU). PROFACA, Mark, Silvio [AU/AU]; 11 Gillian Parade, West Pymble, NSW 2073 (AU).

(74) PAPPAS, Frank; Bishop Innovation Limited, P.O. Box 135, North Ryde, NSW 1670 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 45/08

(11) WO 2004/097207 (13) A1

(21) PCT/EP2004/000929

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 103 19 285.9 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUEL INJECTION VALVE FOR AN INTERNAL COMBUSTION ENGINE

- SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE

(71) COMPACT DYNAMICS GMBH [DE/DE]; Moosstrasse 9, 82319 Starnberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRÜNDL, Andreas [DE/DE]; Haseneystrasse 20, 81377 München (DE). HOFFMANN, Bernhard [DE/DE]; Otto-Gassner-Strasse 3, 82319 Starnberg (DE).

(74) SCHMIDT, Steffen, J.; 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 PT 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, 61/16, 47/02, 63/02, F16F 1/02, H01L 41/053, F02M 51/06

(11) WO 2004/097208 (13) A1

(21) PCT/DE2004/000565

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 19 600.5 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTUATING UNIT FOR A PIEZO-ELECTRICALLY CONTROLLED FUEL INJECTION VALVE

- UNITE ACTIONNEUR POUR SOUPAPE D'INJECTION DE CARBURANT A COMMANDE PIEZO-ELECTRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIENZLER, Dieter [DE/DE]; Neukoellner Str. 6, 71229 Leonberg (DE).

UHLMANN, Dietmar [DE/DE]; Rosenstr. 48, 71404 Korb (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 61/18, 51/06

(11) WO 2004/097209 (13) A1

(21) PCT/DE2004/000523

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 19 694.3 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUEL INJECTION VALVE

- SOUPAPE D'INJECTION DE CARBURANT

(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) HEINSTEIN, Axel [DE/DE]; Wemntalstr. 22, 71299 Wimsheim (DE). STORCH, Axel [DE/DE]; Moerikestr. 11, 71696 Moeglingen (DE). PILGRAM, Guido [DE/DE]; Allensteiner Weg 5, 71701 Schwieberdingen (DE). NOWAK, Detlef [DE/DE]; Badener Str. 99, 74074 Heilbronn (DE). HEYSE, Joerg [DE/DE]; Elser-Ring 22, 74354 Besigheim (DE). KOEHLER, Robert [DE/DE]; Luchsweg 7, 75378 Bad Liebenzell/Monakam (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 65/00, 47/02

(11) WO 2004/097210 (13) A1

(21) PCT/EP2004/002671

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 19 329.4 **29 Apr/avr 2003** DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INJECTION VALVE COMPRISING A SEAT CONTACT SWITCH

• SOUPAPE D'INJECTION POURVUE D'UN CONTACTEUR DE SIEGE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARANOWSKI, Dirk [DE/DE]; Herzog-Heinrich-Str.8, 93059 Regensburg (DE). BLOCHING, Wolfgang [DE/DE]; Am Rosenstock 58, 88085 Langenargen (DE). GERBER, Wolfgang [DE/DE]; Siedlungsweg 1, 84085 Langquaid (DE). HOFFMANN, Christian [DE/DE]; Am Nordheim 5, Regensburg 93057 (DE). WEIGL, Manfred [DE/DE]; Breitenfeldstr. 12, 93161 Viehhausen (DE). WONESCH, Jörg [DE/DE]; Kurt-Schumacher-Str. 16, 93049 Regensburg (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 F03B 1/00

(11) WO 2004/097211 (13) A1

(21) PCT/SK2004/000005

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) PUV 103-2003 **30 Apr/avr 2003** SK
(30.04.2003)

(30) PUV 138-2003 **19 Jun/juin 2003** SK
(19.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATER WHEEL MOTOR

• MOTEUR DE ROUE HYDRAULIQUE

(71, 72) KRÍŽIK, Vladislav [SK/SK]; Volgogradská 27, 036 08 MARTIN (SK). MACEK, Ján [SK/SK]; Galandova 14/58, 036 01 MARTIN (SK).

(74) LITVÁKOVÁ, Edita; Vazovova 13, 811 07 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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); (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); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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 F03B 13/18 // 13/14

(11) WO 2004/097212 (13) A1

(21) PCT/FI2004/000240

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 20030635 **25 Apr/avr 2003** FI
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRODUCTION INSTALLATION

• INSTALLATION DE PRODUCTION

(71) AW-ENERGY OY [FI/FI]; Sotarvastintie 2, FIN-00370 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOIVUSAARI, Bruno [FI/FI]; Kumminhovi B 10, FIN-02460 Kantvik (FI). TUOKKOLA, Yrjö [FI/FI]; Viikintie 3 B 38, FIN-00560 Helsinki (FI). JÄRVINEN, Arvo (heirress of the deceased inventor / héritière de l'inventeur décédé) [FI/FI]; Koivumäentie 13 F 2, FIN-01230 Vantaa (FI). LILJELUND, John [FI/FI]; Sammalkalliontie 6 F 128, FIN-02210 Espoo (FI). HÖYDEN, Antti [FI/FI]; Korkeavuorenkatu 2 a B 19, FIN-00140 Helsinki (FI). LAINEMA, Matti [FI/FI]; Sotarvastintie 2, FIN-00370 Helsinki (FI).

(74) JÄRVINEN, Arvo; Koivumäentie 13 F 2, FIN-01230 Vantaa (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ F03B 17/00

(11) WO 2004/097213 (13) A2

(21) PCT/BR2004/000061

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) PI0301802-4 **30 Apr/avr 2003** BR
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GENERATING SYSTEM OF TORQUE

• SYSTEME GENERATEUR DE COUPLE

(71, 72) METZEN, Eduardo [BR/BR]; Rua Governador Jorge Lacerda, 121, Guabiro-tuba, 81510-040 Curitiba (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 : (i)

(51)⁷ F03C 1/02

(11) WO 2004/097214 (13) A2

(21) PCT/IN2004/000115

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 361/MAS/2003 28 Apr/avr 2003 IN (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECIPROCATING TURBINE

• TURBINE A MOUVEMENT ALTERNATIF

(71, 72) MEESALA.S.O., Samatha, Rayalu [IN/IN]; M. Venkataiah, Potuchelu, T. Sandrapalli, Gopavaram Mandal, Badvel (Tq), Cuddapah Dist., Andhra Pradesh (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 F03D 1/06

(11) WO 2004/097215 (13) A1

(21) PCT/EP2004/003294

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 19 246.8 28 Apr/avr 2003 DE (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROTOR BLADE OF A WIND ENERGY FACILITY

• PALE DE ROTOR D'UNE INSTALLATION A ENERGIE EOLIENNE

(71, 72) WOBEN, Aloys [DE/DE]; Argstrasse 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/02, 3/04

(11) WO 2004/097216 (13) A1

(21) PCT/SE2004/000664

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0301267-1 30 Apr/avr 2003 SE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIND POWER PLANT OF CYCLONE TYPE AND METHOD OF OBTAINING ENERGY FROM SUCH

• CENTRALE EOLIENNE DE TYPE CYCLONE ET PROCEDE PERMETTANT D'EN OBTENIR DE L'ENERGIE

(71) OLDIN, Karin [SE/SE]; Skolgatan 17 B, S-903 22 Umeå (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STIIG, Eric [SE/SE]; Ostvägen 153, S-906 26 Umeå (SE). GOLRIZ, Mohammad, R. [SE/CA]; 6-23 Hogan St, Nepean, ON K2E 5E8 (CA).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F03D 11/04

(11) WO 2004/097217 (13) A1

(21) PCT/NO2004/000119

(22) 28 Apr/avr 2004 (28.04.2004)

(25) no (26) en

(30) 20031888 28 Apr/avr 2003 NO (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIND POWER STATION

• STATION D'ENERGIE EOLIENNE

(71) INOCEAN CONSTRUCTION AS [NO/NO]; Østervåg 25, N-4006 Stavanger (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORGES, Eystein [NO/NO]; Grasholmringen 24A, N-4085 Hundvåg (NO).

(74) ONSAGERS AS; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F03G

(11) WO 2004/097218 (13) A2

(21) PCT/US2004/013259

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,332 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLOW CONTROL ASSEMBLIES HAVING INTEGRALLY FORMED SHAPE MEMORY ALLOY ACTUATORS

• ENSEMBLE DE REGULATION D'ECOULEMENT COMPRENANT DES ACTIONNEURS EN ALLIAGE FORMES A MEMOIRE DE FORME

(71) NANOMUSCLE, INC. [US/US]; 2545 W. 10th Street, Suite A, Antioch, CA 94509 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MACGREGOR, Roderick [GB/US]; 5402 Piute Court, Antioch, CA 94509 (US). SZILAGYI, Andrei [US/US]; 5341 Blackhawk Drive, Danville, CA 94506 (US). VON BEHRENS, Peter, Emery [US/US]; 4021 Rocky Point Drive, Antioch, CA 94509 (US).

(74) BACKUS, Ken, R.; 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 F04B 9/04, 1/04, F16H 53/00, 53/06

(11) WO 2004/097219 (13) A1

(21) PCT/GB2004/001826

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309699.7 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS IN CAMS AND CAM
FOLLOWERS

• AMELIORATIONS APORTEES A DES
CAMES ET DES GALETS SUIVEURS

(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) BOND, Robert, S. [GB/GB]; 12, High
Snoad Wood, Challock, Kent TN25 4DQ
(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).

Published / Publiée : (c)

(51)⁷ F04B 39/00, 37/14, 39/12

(11) WO 2004/097220 (13) A1

(21) PCT/EP2004/003833

(22) 10 Apr/avr 2004 (10.04.2004)

(25) de (26) de

(30) 103 18 735.9 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PISTON VACUUM PUMP

• POMPE A VIDE A PISTON

(71) LEYBOLD VAKUUM GMBH [DE/DE];
Bonner Strasse 498, 50968 Köln (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAHNEN, Rudolf [DE/DE]; Roet-
genbachstrasse 33, 52159 Roetgen (DE).
LANGER, Peter [DE/DE]; Düsseldorf-
er Strasse 24, 45481 Mülheim (DE).
BURGHARD, Hans-Josef [DE/DE];
Neuenhöfer Allee 3B, 50937 Köln (DE).
ASAROW-SEMKE, Helge [DE/DE]; Lour-
desstrasse 7, 52351 Düren (DE).

(74) SELTING, Günther et al. / etc.; Deich-
mannhaus am Dom, Bahnhofsvorplatz 1,
50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F04B 53/16, F16L 21/04

(11) WO 2004/097221 (13) A1

(21) PCT/US2004/012513

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,661 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR
SEALING AN ULTRAHIGH-PRES-
SURE FLUID SYSTEM

• PROCEDE ET APPAREIL POUR
RENDRE HERMETIQUE UN SYS-
TEME DE FLUIDE A ULTRA-HAUTE
PRESSION

(71) FLOW INTERNATIONAL CORPORA-
TION [US/US]; 23500 - 64th Avenue South,
Kent, WA 98032 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOPKINS, Jordan, J. [US/US]; 2324
W. Newton #203, Seattle, WA 98199 (US).
HAWES, Adrian [GB/US]; 8433 - 34th Av-
enue S.W., Seattle, WA 98126 (US). OLD,
William, L. [US/US]; 16417 - 19th Avenue
S.E., Burien, WA 98166 (US).

(74) LINFORD, Lorraine et al. / etc.; Seed In-
tellectual 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 2/16, 15/00, 15/04, 2/08

(11) WO 2004/097222 (13) A1

(21) PCT/FR2003/001287

(22) 23 Apr/avr 2003 (23.04.2003)

(25) fr (26) fr

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REVERSIBLE SCREW PUMP

• POMPE A VIS REVERSIBLE

(71) KADOCHÉ, Emile [FR/FR]; 1, allée Gas-
pard Monge, F-36300 Le Blanc (FR).

(74) BEZAULT, Jean; Cabinet Netter, 36, avenue
Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F04D 19/04, H02K 21/16, 1/14

(11) WO 2004/097223 (13) A1

(21) PCT/GB2004/001441

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0309644.3 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TURBOMOLECULAR VACUUM
PUMP

• POMPE TURBOMOLECULAIRE A
VIDE

(71) THE BOC GROUP PLC [GB/GB]; Chert-
sey Road, Windlesham, Surrey GU20 6HJ
(GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAYLOCK, James, Alexander
[GB/GB]; 57 Winchester Way, Eastbourne,
East Sussex BN22 0JS (GB). HOEFER,
Ulrike, Martina [DE/GB]; 80 Cranworth
Road, Worthing, West Sussex BN11 2JF
(GB). SCHOFIELD, Nigel, Paul [GB/GB];
Milton House, 14 Rushams Road, Horsham,
West Sussex RH12 2NT (GB).

(74) BOOTH, Andrew, Steven; The Boc Group
Plc, Chertsey Road, Windlesham, Surrey
GU20 6HJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(74) ONO, Yukio et al. / etc.; SHINJYU GLOBAL IP, South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Os- aka, 530-0054 (JP).	(25) en (26) en (30) 0310028.6 1 May/mai 2003 GB (01.05.2003)
(51) ⁷ F04D 29/04, 19/04	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(43) 11 Nov/nov 2004 (11.11.2004)
(11) WO 2004/097224 (13) A1	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(54) • VALVE • VANNE
(21) PCT/GB2004/001756		(71) IMI VISION LIMITED [GB/GB]; Tything Road, Alcester, Warwickshire B49 6EU (GB). <i>(for all designated States except / pour tous les États désignés sauf US)</i>
(22) 27 Apr/avr 2004 (27.04.2004)		(72, 75) BRAMLEY, Hugh, Christopher [GB/GB]; 13 Barn House Mews, London Green, Rugely, Staffordshire WS15 4QA (GB). NIGHY, Richard [GB/GB]; 78 Wetherley Way, Stratford-on-Avon CV37 9LU (GB). BHIMANI, Alan [GB/GB]; 15 Lyndworth Road, Starchley, Birmingham B30 2UG (GB).
(25) en (26) en		(74) BARKER BRETTELL ; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
(30) 0309830.8 29 Apr/avr 2003 GB (29.04.2003)		(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(43) 11 Nov/nov 2004 (11.11.2004)		(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(54) • VACUUM PUMP • POMPE A VIDE		(51) ⁷ F04D 29/66
(71) THE BOC GROUP PLC [GB/GB]; Chert- sey Road, Windlesham, Surrey GU20 6HJ (GB). <i>(for all designated States except / pour tous les États désignés sauf US)</i>		(11) WO 2004/097226 (13) A1
(72, 75) SCHOOLING, Jennifer, Mary [GB/GB]; 6 Pitt Court, High Street, Hurst- pierpoint, West Sussex BN6 9PY (GB). BREWSTER, Barry, Dudley [GB/GB]; 85 Carden Avenue, Brighton, East Sussex BN1 8NF (GB).		(21) PCT/US2004/012906
(74) BOOTH, Andrew, Steven ; The Boc Group Plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).		(22) 27 Apr/avr 2004 (27.04.2004)
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.		(25) en (26) en
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).		(30) 60/466,139 28 Apr/avr 2003 US (28.04.2003)
(51) ⁷ F04D 29/16, 29/28, 29/44		(43) 11 Nov/nov 2004 (11.11.2004)
(11) WO 2004/097225 (13) A1		(54) • AUTOMOTIVE ENGINE-COOLING FAN ASSEMBLY
(21) PCT/JP2004/006019		• ENSEMBLE VENTILATEUR DE RE- FROIDISSEMENT DE MOTEUR AU- TOMOBILE
(22) 26 Apr/avr 2004 (26.04.2004)		(71) ROBERT BOSCH CORPORATION [US/US]; 2800 South 25th Street, Broadview, IL 60155 (US).
(25) ja (26) ja		<i>(for all designated States except / pour tous les États désignés sauf US)</i>
(30) 2003-126122 1 May/mai 2003 JP (01.05.2003)		(72, 75) CAPLAN, Mark, D. [US/US]; 16 Deer- slayer Lane, Westborough, MA 01581 (US). KEHRER, Wolfgang [DE/US]; 127 Ply- mouth Drive, Apt. 2B, Norwood, MA 02062 (US). YAPP, Martin, G. [US/US]; 35 Robin- wood Avenue, Needham, MA 02492 (US).
(43) 11 Nov/nov 2004 (11.11.2004)		(74) PRICE, David, R. ; Michael Best & Friedrich LLP, 100 East Wisconsin Av- enue, Milwaukee, WI 53202 (US).
(54) • MULTI-VANE CENTRIFUGAL BLOWER		(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
• SOUFFLANTE CENTRIFUGE A AI- LETTES MULTIPLES		(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazaki- Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP). <i>(for all designated States except / pour tous les États désignés sauf US)</i>		Published / Publiée : (c)
(72, 75) YAMASAKI, Takahiro [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka, 5918511 (JP).		(51) ⁷ F15B 13/00
		(11) WO 2004/097227 (13) A1
		(21) PCT/GB2004/001879
		(22) 30 Apr/avr 2004 (30.04.2004)

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/00

(11) WO 2004/097229 (13) A1

(21) PCT/EP2004/002662

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 19 145.3 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GLUED AND/OR WELDED TONGUE-AND-GROOVE JOINT BETWEEN FLAT STRUCTURAL ELEMENTS

• LIAISON A RAINURE ET LANGUETTE COLLEE ET/OU SOUDEE ENTRE DES ELEMENTS DE TYPE PLAQUES

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÖSSELMANN, Jürgen [DE/DE]; Jakobstrasse 32, 72127 Pliezhausen (DE).
FUSSNEGGER, Wolfgang [DE/DE]; Käthe-Kollwitz-Strasse 12, 72074 Tübingen (DE).

(74) BRANSE, Hermann 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 F16B 12/00

(11) WO 2004/097230 (13) A1

(21) PCT/GB2004/001789

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0310186.2 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS IN A BRACING ARRANGEMENT FOR FURNITURE

• PERFECTIONNEMENTS RELATIFS A DU MOBILIER

(71) TITUS INTERNATIONAL PLC [GB/GB]; Ridgeway Industrial Estate, Iver, Bucks SLO 9HW (GB). BOA TECHNOLOGY, INC. [US/US]; 116 8th Street, Steamboat Springs, CO 80477 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VALLANCE, William, Ernest [GB/GB]; 22 Cedar Drive, Marlow Bottom, Marlow, Buckinghamshire SL7 3QB (GB). SODERBERG, Mark [US/US]; 1364 Placid Drive, Evergreen, CO 80439 (US). HAMMERSLAG, Gary [US/US]; P. O. Box 776130, 807 Amethyst Drive, Steamboat Springs, CO 80477 (US). BREDE, Hans-Georg [US/US]; 18741 Lomita Avenue, Sonoma CA 95476 (US).

(74) PENDERED, Timothy, George et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16B 21/18

(11) WO 2004/097231 (13) A1

(21) PCT/AT2004/000141

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) A 636/2003 28 Apr/avr 2003 AT (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REMOVABLE QUICK CONNECTION
• RACCORD RAPIDE TEMPORAIRE

(71, 72) EIGENMANN, Jörg [CH/AT]; Radetzkystrasse 18/9, A-1030 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16B 31/02, G01L 5/24, 5/00

(11) WO 2004/097232 (13) A1

(21) PCT/US2003/020312

(22) 26 Jun/juin 2003 (26.06.2003)

(25) en (26) en

(30) 10/401,439 27 Mar/mar 2003 US (27.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOAD INDICATING FASTENER INSERT

• INSERT INDICATEUR DE LA CHARGE APPLIQUEE A UN BOULON

(71, 72) CLARKE, Ronald, C. [US/US]; 1825 South 27th Avenue, Phoenix, AZ 85009 (US).

(74) MIXON, Patrick, L.; 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F16C 3/02

(11) WO 2004/097233 (13) A1

(21) PCT/EP2004/004633

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 0310121.9 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIBRE COMPOSITE PROPELLER SHAFT

• ARBRE DE TRANSMISSION COMPOSITE EN FIBRES

(71) SPINNING COMPOSITES LIMITED [GB/GB]; 130 Dunval Road, Bridgnorth, Shropshire WV16 4LZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLLARD, Andrew [GB/GB]; 130 Dunval Road, Bridgnorth, Shropshire WV16 4LZ (GB).

(74) MOLDENHAUER, Herbert; Gartenstrasse 8, 67598 Gundersheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 F16C 11/04, 33/74, F16J 15/32

(11) WO 2004/097234 (13) A1

(21) PCT/JP2004/006322

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126973 2 May/mai 2003 JP
(02.05.2003)(30) 2003-292022 12 Aug/août 2003 JP
(12.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BEARING SEAL AND SWING DEVICE
• JOINT DE PALIER ET DISPOSITIF OSCILLANT(71) KOMATSU LTD. [JP/JP]; 2-3-6, Akasaka, Minato-ku, Tokyo, 1078414 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Hiroshi [JP/JP]; 1200, Manda, Hiratsuka-shi, Kanagawa, 2548567 (JP). MARUYAMA, Jun [JP/JP]; 1200, Manda, Hiratsuka-shi, Kanagawa, 254-8567 (JP). KOMURA, Ryuusuke [JP/JP]; 1200, Manda, Hiratsuka-shi, Kanagawa, 2548567 (JP).

(74) KINOSHITA, Jitsuzo et al. / etc.; Ogikubo TM building 3rd. floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo, 1670051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/06

(11) WO 2004/097235 (13) A1

(21) PCT/GB2004/001852

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310145.8 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS IN AND RELATING TO BALL JOINTS
• AMELIORATIONS SE RAPPORTANT AUX JOINTS SPHERIQUES(71) GEONIC LIMITED [GB/GB]; Campus Venture Centre, Zochonis Building, Oxford Road, Manchester M13 9PL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEORGIU, Nicolas [GB/GB]; 72 Bell Lane, Bell Bar, Brookmans Park, Hertfordshire AL9 7AY (GB).

(74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16C 33/12, 17/10, H02K 7/08, G11B 19/20, C22C 38/00, 38/44

(11) WO 2004/097236 (13) A1

(21) PCT/JP2004/005911

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-122092 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLUID DYNAMIC BEARING MOTOR AND INFORMATION RECORDING/REPRODUCING DEVICE
• MOTEUR À ROULEMENT HYDRODYNAMIQUE (FDB) ET DISPOSITIF D'ENREGISTREMENT/REPRODUCTION D'INFORMATIONS(71) SEIKO INSTRUMENTS INC. [JP/JP]; 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). KENT ENGINEERING CORP. [JP/JP]; 21-17-204, Ohara-cho, Ashiya-shi, Hyogo 659-0092 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINOSHITA, Shinji [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). GOTO, Hiromitsu [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). OTA, Atsushi [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). TAZAWA, Chihiro [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). YAMAMOTO, Yasuo [JP/JP]; c/o Kent Engineering Corp., 385-9, Terauchi, Nishiwaki-shi, Hyogo 677-0022 (JP). MIYAUCHI, Toshiaki [JP/JP]; c/o Kent Engineering Corp., 385-9, Terauchi, Nishiwaki-shi, Hyogo 677-0022 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 1/08

(11) WO 2004/097237 (13) A1

(21) PCT/EP2004/004417

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 19 629.3 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SHAFT-HUB CONNECTION
• LIAISON ARBRE-MOYEU(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STAUBER, Roland [DE/DE]; Schmalholzstrasse 3/3, 88048 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC 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 F16D 3/227

(11) WO 2004/097238 (13) A1

(21) PCT/JP2004/003653

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-124218 28 Apr/avr 2003 JP
(28.04.2003)(30) 2003-124214 28 Apr/avr 2003 JP
(28.04.2003)(30) 2004-043116 19 Feb/fév 2004 JP
(19.02.2004)(30) 2004-066137 9 Mar/mar 2004 JP
(09.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONSTANT VELOCITY JOINT AND ROTATION DRIVE FORCE TRANSMISSION MECHANISM
• JOINT HOMOCINETIQUE ET MECANISME DE TRANSMISSION DE LA FORCE DE ROTATION(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) **MABUCHI, Toru** [JP/JP]; c/o Honda Giken Kogyo Kabushiki Kaisha, Tochigi Seisakusho, 19, Matsuyama-cho, Mooka-shi, Tochigi 3214346 (JP).

(74) **CHIBA, Yoshihiro et al.** / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16D 3/50**

(11) **WO 2004/097239** (13) A1

(21) PCT/EP2004/004288

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) de (26) de

(30) 103 18 851.7 **25 Apr/avr 2003 (25.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CENTRING DEVICE FOR MUTUALLY CENTRING TWO SHAFT ENDS
• DISPOSITIF DE CENTRAGE PERMETTANT UN CENTRAGE MUTUEL DE DEUX EXTREMITES D'ARBRE

(71) **SGF SÜDDEUTSCHE GELENKSCHLEIBENFABRIK GMBH & CO. KG** [DE/DE]; Graslitzer Strasse 14, 84478 Waldkraiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNEIDER, Franz** [DE/DE]; Goldmarkstrasse 23, 80937 München (DE).
ROTHER, Joachim [DE/DE]; Am Burgfried 80, 84453 Mühldorf (DE).

(74) **GOETZ, Rupert**; 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).

(51)⁷ **F16D 13/62, 13/64**

(11) **WO 2004/097240** (13) A1

(21) PCT/EP2004/004190

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) de (26) de

(30) 103 19 703.6 **2 May/mai 2003 (02.05.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-DISC CLUTCH, PARTICULARLY FOR A TWIN CLUTCH TRANSMISSION

• EMBRAYAGE A DISQUES MULTIPLES, DESTINE EN PARTICULIER A UNE BOITE DE VITESSES A DOUBLE EMBRAYAGE

(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). **STERNBERG, Michael** [DE/DE]; Meisenweg 6, 72644 Oberboihingen (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 **F16D 25/0638**

(11) **WO 2004/097241** (13) A2

(21) PCT/AT2004/000142

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) de (26) de

(30) GM 291/2003 **28 Apr/avr 2003 (28.04.2003)** AT

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROTATION SPEED DEPENDENT HYDRAULIC CLUTCH PROVIDED WITH A CONTROL VALVE

• EMBRAYAGE HYDRAULIQUE DEPENDANT DE LA DIFFERENCE DE REGIME, EQUIPE D'UNE SOUPAPE DE COMMANDE

(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) **GRATZER, Franz** [AT/AT]; Hausdorf 16, A-8152 Stallhofen (AT). **QUEHENBERGER, Johannes** [AT/AT]; Hinterhagweg 621, A-5753 Saalbach (AT).

(74) **KOVAC, Werner**; Magna Steyr Fahrzeugtechnik AG & Co KG, Liebenauer 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 **F16D 43/208**

(11) **WO 2004/097242** (13) A1

(21) PCT/CA2004/000609

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 2,426,354 **25 Apr/avr 2003 (25.04.2003)** CA

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN OVERLOAD CLUTCH PROTECTING A DRIVE TRAIN

• LIMITEUR DE COUPLE PROTEGEANT UN TRAIN D'ENTRAÎNEMENT

(71) **GEMOFOR INC.** [CA/CA]; 1442 Du Rocher, Normandin, Québec G8M 3Y1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DION, Gérald** [CA/CA]; 4, rue de L'Orme, Domaine Abénaki, Mashteuiatsh, Québec G0W 2H0 (CA).

(74) **ROBIC**; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16D 55/36**

(11) **WO 2004/097243** (13) A1

(21) PCT/SE2004/000646

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 0301249-9 **29 Apr/avr 2003 (29.04.2003)** SE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POSITIONING OF A BRAKE CALIPER

• POSITIONNEMENT D'UN ETRIER DE FREIN

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(71) **HALDEX BRAKE PRODUCTS AB** [SE/SE]; Box 501, S-261 24 Landskrona (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRIPEMARK, Joakim** [SE/SE]; O.D. Krooks Gata 39, S-254 43 Helsingborg (SE). **KÄLL, Patrik** [SE/SE]; Råamöllagatan 71, S-254 43 Helsingborg (SE). **STENSSON, Göran** [SE/SE]; Åkaröds Gård, S-277 55 Brösarp (SE).

(74) **STRÖM & GULLIKSSON IPC AB**; P.O. Box 4188, S-203 13 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097244** (13) A1

(21) PCT/US2003/024592

(22) **5 Aug/août 2003 (05.08.2003)**

(25) en (26) en

(30) 60/462,110 **11 Apr/avr 2003** US (11.04.2003)

(30) 10/608,246 **27 Jun/juin 2003** US (27.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **VENTED SLOT BRAKE ROTOR**

• **DISQUE DE FREIN A FENTES VENTILEES**

(63) US 10/608,246 (CON) 27 Jun/juin 2003 (27.06.2003)
US 60/462,110 (CON) 11 Apr/avr 2003 (11.04.2003)

(71, 72) **LIN, Warren** [US/US]; 14 Daro Court, Mountville, NJ 07045 (US).

(74) **HOPKINS, Brian, P. et al.** / etc.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., .. 666 Third Avenue, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 **F16F 1/38**

(11) **WO 2004/097245** (13) A1

(21) PCT/FR2003/001313

(22) **25 Apr/avr 2003 (25.04.2003)**

(25) fr (26) fr

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **HINGE DEVICE PROVIDED WITH A TWO-PIECE COMPOUND**

• **DISPOSITIF D'ARTICULATION A MASSE BIPARTITE**

(71) **C.F. GOMMA S.P.A.** [IT/IT]; Via San Antonio, 59, I-25050 Passirano (IT). **ELAS-TOGRAN GMBH** [DE/DE]; Lanwehrweg, 49448 Lemförde (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE GUEN, Jean** [FR/FR]; 32 Avenue F de Lamennais, F-35190 Tinténac (FR). **JEANNEAU, Yann** [FR/FR]; 1, rue de la Rébunière, F-35760 Montgermont (FR). **BEAUVY, Alain** [FR/FR]; 14, Allée d'Aquitaine, F-35137 Bedée (FR). **INGEL-MANN, Marc** [DE/DE]; Arenshorster Str. 7, 49163 Bohmte (DE). **STEEN, Dirk** [DE/DE]; Kreienkamp 9, 32130 Enger/West-renger (DE).

(74) **CABINET REGIMBEAU**; Espace Performance, Bâtiment K, F-35769 Saint Grégoire Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16F 1/38**

(11) **WO 2004/097246** (13) A1

(21) PCT/GB2004/001748

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 0309797.9 **30 Apr/avr 2003** GB (30.04.2003)

(30) 60/486,203 **8 Jul/juil 2003** US (08.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **A VIBRATION-DAMPING DEVICE**

• **DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS**

(71) **TRELLEBORG AB** [SE/SE]; P.O. Box 153, SE-231 22 (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FITZGERALD, Dermott, James** [GB/GB]; Pebbleford House, 355 Windmill

Avenue, Kettering, Northamptonshire NN15 6PR (GB).

(74) **HACKETT, Sean, James et al.** / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F16F 9/10, 15/023, G11B 33/08**

(11) **WO 2004/097247** (13) A1

(21) PCT/NL2003/000916

(22) **19 Dec/déc 2003 (19.12.2003)**

(25) en (26) en

(30) 1023288 **28 Apr/avr 2003** NL (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **DEVICE FOR SUPPORTING VIBRATION SENSITIVE EQUIPMENT**

• **DISPOSITIF DE SUPPORT D'UN MATERIEL SENSIBLE AUX VIBRATIONS**

(71) **FREEFLOAT B.V.** [NL/NL]; van Schootenstraat 23a, NL-4835 CJ Breda (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TEKLENBURG, Leonardus, Arnoldus, Maria** [NL/NL]; p/a van Schootenstraat 23a, NL-4835 CJ Breda (NL). **BACKX, Jeroen, Dirk** [NL/NL]; p/a van Schootenstraat 23a, NL-4835 CJ Breda (NL).

(74) **DE HOOP, Eric**; Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT (Utility model / modèle d'utilité) PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F16F 9/34, 9/04

(11) WO 2004/097248 (13) A1

(21) PCT/EP2004/004094

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 19 670.6 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AIR SPRING FOR A MOTOR VEHICLE
• RESSORT PNEUMATIQUE POUR VEHICULE AUTOMOBILE

(71) CONTINENTAL AKTIENGESELLSCHAFT [DE/DE]; Vahrenwalder Str. 9, Patente und Lizenzen, 30165 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHÜRMANN, Oliver [DE/DE]; Orthleut 47, 30855 Langenhagen (DE). GAUTERIN, Frank [DE/DE]; Am Goetheplatz 2, 31535 Neustadt/Rbge (DE). KOCK, Jörg [DE/DE]; Johannes-Schrader-Ring 14, 30938 Burgwedel (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 F16F 9/346, B60R 19/40, F16F 9/56, F15B 15/20

(11) WO 2004/097249 (13) A2

(21) PCT/US2004/011173

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/422,374 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYDRAULIC DAMPER

• AMORTISSEUR HYDRAULIQUE

(71) HR TEXTRON, INC.; 25200 W. Rye Canyon Road, Santa Clarita, CA 91355 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) HSU, William, W.; 24200 Serra Place, Bear Valley Springs, Tehachapi, CA 93561 (US).

(74) HAMLIN, Lesley, A. et al. / etc.; Textron Systems Corporation, 201 Lowell Street, Wilmington, MA 01887 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 F16F 9/58

(11) WO 2004/097250 (13) A1

(21) PCT/EP2004/004037

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 19 463.0 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMOBILE SHOCK ABSORBER SYSTEMS
• SYSTEMES D'AMORTISSEURS POUR AUTOMOBILES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOBOLEWSKI, Klaus [DE/DE]; Holunderweg 8, 49356 Diepholz (DE). WUCHERPENNIG, Jan [DE/DE]; Sonnenstrasse 185, 49448 Brockum (DE). THYE-MOORMANN, Frank [DE/DE]; Seestrass 28, 49459 Lembruch (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16F 15/00

(11) WO 2004/097251 (13) A2

(21) PCT/FR2004/000998

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 03/05000 23 Apr/avr 2003 FR (23.04.2003)

(30) 03/12057 15 Oct/oct 2003 FR (15.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ENGINE FLYWHEEL DEVICE
• DISPOSITIF DE VOLANT MOTEUR

(71) DEFONTAINE [FR/FR]; Rue Saint Eloi, F-85530 La Bruffière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONNEFOUS, Jean [FR/FR]; 5 Impasse des Bertineries, F-44400 Reze (FR).

(74) PICHAT, Thierry et al. / etc.; C/O Nova-graaf Technologies, 122 rue Edouard Vaillant, F-92593 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 F16G 15/02

(11) WO 2004/097252 (13) A1

(21) PCT/DE2004/000921

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 20 692.2 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHAIN LOCK
• JOINT DE CHAÎNE

(71) RUD-KETTENFABRIK RIEGER & DIETZ GMBH U. CO. [DE/DE]; Friedensinsel, 73432 Aalen-Unterkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NUDING, Andreas [DE/DE]; Seitenstrasse 14, 73312 Geislingen (DE). LANG, Werner [DE/DE]; Brühlstrasse 7, 73463 Westhausen-Lippach (DE). DALFERTH, Hans [DE/DE]; Eifelstrasse 21, 73433 Aalen-Wasseraffingen (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER; Anwaltssozietät, Leistikowstr. 2, 14050 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).

Published / Publiée : (c)

(51)⁷ F16G 15/02

(11) WO 2004/097253 (13) A1

(21) PCT/DE2004/000922

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 20 693.0 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHAIN LOCK

• JOINT DE CHAÎNE

- (71) RUD-KETTENFABRIK RIEGER & DI-
ETZ GMBH U. CO. [DE/DE]; Friedensin-
sel, 73432 Aalen-Unterkochen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NUDING, Andreas [DE/DE]; Seiten-
strasse 14, 73312 Geislingen (DE). LANG,
Werner [DE/DE]; Brühlstrasse 7, 73463
Westhausen-Lippach (DE). DALFERTH,
Hans [DE/DE]; Eifelstrasse 21, 73433
Aalen-wasseraalfingen (DE).

(74) GRÜNECKER KINKELDEY STOCK-
MAIR & SCHWANHÄUSSER; Leistikow-
str. 2, 14050 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).

Published / Publiée : (c)

(51)⁷ F16H 1/20

(11) WO 2004/097254 (13) A1

(21) PCT/US2004/012875

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/424,608 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DUAL STAGE DIFFERENTIAL SPEED
TRANSMISSION

• EMISSION A VITESSE DIFFEREN-
TIELLE EN DEUX ETAPES

(71) SIKORSKY AIRCRAFT CORPORA-
TION [US/US]; Legal-IP Dept., Mail-
stop S316A, P.O. Box 9729, Stratford, CT
06615-9129 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) SBABO, Thomas, L.; 19 Vince Street, Ham-
den, CT 06518 (US).

(74) PASULKA, Matthew, P.; Sikorsky Air-
craft Corporation, Legal-IP Dept., Mail-
stop S316A, P.O. Box 9729, Stratford, CT
06615-9129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/46, 57/02, B04B 1/20

(11) WO 2004/097255 (13) A2

(21) PCT/GB2004/001918

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310157.3 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GEARBOX, AND CENTRIFUGE IN-
CORPORATING SAME

• BOÎTE DE VITESSES ET CENTRIFU-
GEUSE LA COMPRENANT

(71) INCENTRA LIMITED [GB/GB]; Antur
Guy, Park Road, Buihth Wells, Powys LD2
3BA (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MICHAELSEN, Jan [DK/GB]; Incen-
tra Limited, Park Road, Buihth Wells, Powys
LD2 3BA (GB). HICKS, Raymond, John
[GB/GB]; Mayo Hall, Llangammarch Wells,
Powys LD4 4BS (GB).

(74) LONG, Edward, Anthony et al. / etc.;
Hulse & Co., 8th Floor, St James House,
Vicar Lane, Sheffield S1 2EX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16H 7/18, F41A 9/76

(11) WO 2004/097256 (13) A1

(21) PCT/EP2004/003991

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 18 829.0 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHAIN REMOVER

• REPOUSSEUR DE CHAÎNE

(71) HECKLER & KOCH GMBH [DE/DE];
Heckler & Koch Strasse 1, 78727 Obern-
dorf/Neckar (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BECKMANN, Rudi [DE/DE]; Schwa-
nenmoos 10, 78733 Aichhalden (DE).

(74) JACOBY, Georg et al. / etc.; Samson &
Partner, Widenmayerstr. 5, 80538 München
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F16H 21/10, B29C 45/40

(11) WO 2004/097257 (13) A1

(21) PCT/JP2004/002492

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-122095 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STEPWISE DRIVING FORCE TRANS-
MISSION DEVICE

• DISPOSITIF DE TRANSMISSION DE
FORCE D'ENTRAÎNEMENT PRO-
GRESSIVE

(71) MISUMI CORPORATION [JP/JP]; 4-43,
Toyo 2-chome, Koto-ku, Tokyo 1358458
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ICHIKAWA, Izumi [JP/JP]; c/o Misumi
Corporation, 4-43, Toyo 2-chome, Koto-ku,
Tokyo 1358458 (JP).

(74) SHIMIZU, Chiharu; 4th Floor, Naka-
gin-Shiroyama Bldg., 16-13, Ginza 8-chome,
Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **F16H 29/04**
- (11) **WO 2004/097258** (13) A1
- (21) PCT/NO2004/000117
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) en (26) en
- (30) 20031934 **29 Apr/avr 2003** NO
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A CONTINUOUSLY VARIABLE
TRANSMISSION
• TRANSMISSION A VARIATION
CONTINUE
- (71) **COMPANY EX AS** [NO/NO]; Hammers-
borg Torg 3, N-0179 Oslo (NO).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **ELLIS, Campbell** [AU/NO]; Tøyengata
15a, N-0190 Oslo (NO).
- (74) **BERGHEIM, Olav**; 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 **F16H 37/08**
- (11) **WO 2004/097259** (13) A1
- (21) PCT/IT2003/000373
- (22) **16 Jun/juin 2003 (16.06.2003)**
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ADDITIVE GEARSHIFT WITH DIF-
FERENTIAL GEARS
• DISPOSITIF DE CHANGEMENT DE
VITESSE SUPPLEMENTAIRE A EN-
GRENAGE DIFFERENTIEL
- (71, 72) **CAVICCHIOLI, Stefano** [IT/IT]; B.ta
Mollarbrunatto, 23, I-10040 Rubiana (IT).
CAVICCHIOLI, Carlo [IT/IT]; Via Abegg,
2/C, I-10050 Borgone Susa (IT).
- (81) AE AU BR CA CN ID JP KR MX NO NZ
PL SG US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- Published / Publiée : (f)
- (51)⁷ **F16H 55/36**
- (11) **WO 2004/097260** (13) A1
- (21) PCT/CA2004/000597
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) en (26) en
- (30) 10/424,880 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DRIVE MECHANISM
• MECANISME D'ENTRAÎNEMENT
- (71, 72) **DENIS, Laurent** [CA/CA]; 123 du
marche, Roxton Falls, Quebec J0H 1E0
(CA).
- (74) **PAAVILA, Jack**; Box 1151, Alexandria, On-
tario K0C 1A0 (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 **F16H 57/02, 1/26**
- (11) **WO 2004/097261** (13) A1
- (21) PCT/SE2004/000522
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) sv (26) en
- (30) 0301215-0 **25 Apr/avr 2003** SE
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GEAR BOX
• BOITE DE VITESSES
- (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) **DAHLBÄCK, Märten** [SE/SE]; Lil-
jevågen 8, S-181 61, Lidingö (SE). **KARLS-
SON, Patrik** [SE/SE]; Silverstigen 2, S-151
48, Södertälje (SE). **NILSSON, Hilding**
[SE/SE]; Norrkärr 1, S-155 93, Nykvarn
(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 **F16H 57/12, 1/14**
- (11) **WO 2004/097263** (13) A1
- (21) PCT/JP2004/005904
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-122302 **25 Apr/avr 2003** JP
(25.04.2003)
- (30) 2004-8211 **15 Jan/jan 2004** JP
(15.01.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HYPOID GEAR DEVICE
• DISPOSITIF A ROUE HYPOIDE
- (71) **THK CO., LTD.** [JP/JP]; 11-6, Nishi-
gotanda 3-chome, Shinagawa-ku, Tokyo
141-0031 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **MICHIOKA, Hidekazu** [JP/JP];
c/o THK Co., Ltd., 11-6, Nishi-gotanda
3-chome, Shinagawa-ku, Tokyo 141-0031

- (JP). TAMANO, Masahiko [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP). IMA-MURA, Masayuki [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP). SHIRAI, Takeki [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP). YATSUSHIRO, Daisuke [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
- (74) ISHIKAWA, Yasuo et al. / etc.; Park Shiba Building 4F, 17-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16H 61/00, B60K 25/02
- (11) WO 2004/097264 (13) A1
- (21) PCT/NL2004/000295
- (22) 3 May/mai 2004 (03.05.2004)
- (25) nl (26) en
- (30) 1023319 1 May/mai 2003 NL (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ROAD VEHICLE WITH AUXILIARY INSTALLATION
• VEHICULE TERRESTRE A DISPOSITIF AUXILIAIRE
- (71) GOVERS, Henricus, Johannes, Antonius, Alphonsus [NL/NL]; p/a Industriestraat 26, NL-4861 PR Chaam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE CLOE, Daniël, Jehudi [NL/NL]; Anna Palownastraat 2, NL-5616 AX Eindhoven (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F16H 61/12, B60K 41/22 // F16H 103/14
- (11) WO 2004/097265 (13) A1
- (21) PCT/EP2004/001727
- (22) 21 Feb/fév 2004 (21.02.2004)
- (25) de (26) de
- (30) 103 20 524.1 30 Apr/avr 2003 DE (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HYDRAULIC CIRCUIT FOR CONTROLLING A DRIVE CHAIN
• CIRCUIT HYDRAULIQUE POUR COMMANDER UNE CHAÎNE CINÉMATIQUE
- (71) GETRAG GETRIEBE-UND ZAHNRAD-FABRIK HERMANN HAGENMEYER GMBH & CIE KG [DE/DE]; Hermann-Hagenmeyer Strasse, 74199 Untergruppenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETRZIK, Gunther [DE/DE]; Hauptstrasse 42, 78112 St. Georgen (DE).
- (74) STEIL, Christian et al. / etc.; Witte, Weller & Partner, Postfach 105 462, 70047 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F16H 61/12, 61/02
- (11) WO 2004/097266 (13) A1
- (21) PCT/GB2004/001779
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 0309625.2 28 Apr/avr 2003 GB (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DRIVE TRANSMISSION
• BOÎTE DE VITESSES DE TRANSMISSION
- (71) RICARDO UK LIMITED [GB/GB]; Bridge Works, Shoreham-by-Sea, West Sussex BN43 5FG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAYLOR, Richard [GB/GB]; Malory Barn, Malt Kiln Farm, Main Street, Stretton-under-Fosse, Warwickshire CV23 0PF (GB).
- (74) 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 63/34, 61/22, B60T 1/06
- (11) WO 2004/097267 (13) A1
- (21) PCT/JP2004/005553
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) ja (26) ja
- (30) 2003-121241 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PARKING DEVICE FOR MOTOR VEHICLE
• DISPOSITIF DE STATIONNEMENT POUR VÉHICULE MOTORISÉ
- (71) ISUZU MOTORS LIMITED [JP/JP]; 26-1, Minami-Ohi 6-chome, Shinagawa-ku, Tokyo, 1408722 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Yasushi [JP/JP]; c/o Isuzu Advanced Engineering Center, LTD, 8 Tsuchidana, Fujisawa-shi, Kanagawa, 2528501 (JP).
- (74) ONO, Hisazumi et al. / etc.; Nippon Shuzo bldg., 1-21, Nishi-shimbashi 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097268 (13) A2
- (21) PCT/US2004/012956
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 10/424,360 28 Apr/avr 2003 US (28.04.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR PRODUCING A GAS-KET
• PROCEDE DE PRODUCTION DE JOINT
- (71) ACADIA POLYMERS [US/US]; 5251 Concourse Drive, Suite 3, Roanoke, VA 24019 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) LANG, Brian; 6752 Quail Place, Roanoke, VA 24019 (US).
- (74) SHULMAN, Daniel; 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 F16J
- (11) WO 2004/097269 (13) A2
- (21) PCT/US2004/012957
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 60/466,208 29 Apr/avr 2003 US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MULTI-POSITION WORK TABLES
• TABLES DE TRAVAIL MULTI-POSITIONS
- (71, 72) SWAIN, Stephen, C. [US/US]; 9 Wall Street, Norwalk, CT 06850 (US).
- (74) PASQUALE, Jack, M. et al. / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP, Bradford Green, Building Five, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097270 (13) A2
- (21) PCT/US2004/013689
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,686 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GASKET FOR PIPE COUPLING AND PIPE COUPLING INCORPORATING SAME
• JOINT D'ETANCHEITE STATIQUE PERMETTANT DE COUPLER DES TUYAUX ET COUPLAGE DE TUYAUX INCORPORANT LEDIT JOINT
- (71) VICTAULIC COMPANY OF AMERICA [US/US]; 4901 Kesslersville Road, Easton, PA 18040 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUN, Jianyong [US/US]; 4752 York-shire Drive, Macungie, PA 18062 (US).
THAU, Lawrence, Jr. [US/US]; 10 Rowlands Drive, Flemington, NJ 08822 (US).
- (74) CATANZARO, Joseph, J.; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097271 (13) A2
- (21) PCT/US2004/006087
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 10/424,989 29 Apr/avr 2003 US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A JOINT ASSEMBLY FOR FLEXIBLE AND SEMI-RIGID PIPINGS
• ENSEMBLE JOINT POUR TUYAUX FLEXIBLES ET SEMI-RIGIDES
- (71) THC INTERNATIONAL, LLC [US/US]; 3000 South Eads Street, Arlington, VA 22202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) MITTERSTEINER, Melchor; Mar Del Sur 7481, Pudahuel (CL). BARRIENTOS, Sergio; Mar Del Sur 7481, Pudahuel (CL).
- (74) DE LEON, Josefino, P.; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097273 (13) A2
- (21) PCT/US2004/013084
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 60/465,981 28 Apr/avr 2003 US (28.04.2003)
- (30) 10/832,184 26 Apr/avr 2004 US (26.04.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/22, C25D 15/00
- (11) WO 2004/097272 (13) A1
- (21) PCT/EP2004/002960
- (22) 20 Mar/mar 2004 (20.03.2004)
- (25) de (26) de
- (30) 103 19 141.0 28 Apr/avr 2003 DE (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PISTON FOR A LARGE-SIZE ENGINE, AND METHOD FOR THE PRODUCTION OF A WEAR-RESISTANT LAYER IN SUCH A PISTON
• PISTON DESTINE A UN GROS MO-TEUR ET PROCEDE DE PRODUCTION D'UNE COUCHE DE PROTECTION CONTRE L'USURE SUR CE PISTON
- (71) MAN B & W DIESEL A/S [DK/DK]; Teg-lholmsgade 41, DK-2450 Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENZON, Michael, Eis [DK/DK]; Endrupvej 31, DK-3480 Fredensborg (DK). CARSTENSEN, Jesper, Vejlo [DK/DK]; Tranehusene 35, DK-2620 Albertslund (DK). JENSEN, Steen, Krogh [DK/DK]; Vildrosparken 21, DK-3540 Lyngby (DK). MOCZULSKI, Lech [DK/DK]; Klydevej 16, DK-2650 Hvidovre (DK).
- (74) MUNK, Ludwig; Prinzregentenstrasse 1, 86150 Augsburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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)

(54) • PRESSURE FLOW CONTROL VALVE FOR A FLUID DELIVERY SYSTEM

• SOUPAPE DE REGLAGE DE PRES-
SION/DEBIT POUR SYSTÈME DE
DISTRIBUTION DE FLUIDES

(71) RIC INVESTMENTS, INC. [US/US]; 801 West Street, 2nd Floor, Wilmington, DE 19801-1545 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) ARCILLA, Mabini, M.; 13444 Turlock Court, San Diego, CA 92129 (US). JAFARI, Mehdi, M.; 25982 Anacapa Street, Laguna Hills, CA 92653-6266 (US). NGUYEN, Patrick; 2333 Longfellow Road, Carlsbad, CA 92008 (US).

(74) COLEN, Frederick, H. et al. / etc.; P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/44

(11) WO 2004/097274 (13) A1

(21) PCT/DE2004/000842

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 569.0 17 Apr/avr 2003 DE (17.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GAS CONTROL AND SAFETY VALVE
• SOUPAPE DE REGULATION DE GAZ
ET DE SURETE

(71) SAIA-BURGESS GMBH DRESDEN [DE/DE]; Wilhelm-Liebke-Str. 6, 01257 Dresden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAMOT, Michel. [DE/FR]; 17, Rue Raymond Queneau, F-92500 Rueil-Malmaison (FR). ROSCHKE, Thomas. [DE/DE]; Käthe-Kollwitz-Strasse 10c, 01477 Arnsdorf (DE). RÖTHIG, Frank. [DE/DE]; Gartenstrasse 37, 01796 Pirna (DE).

(74) HEYNER, Klaus.; Mittelweg 1H, 01728 Bannewitz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 5/06, F16L 55/07

(11) WO 2004/097275 (13) A1

(21) PCT/GB2004/001807

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309660.9 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VALVE ASSEMBLY
• ENSEMBLE VANNE

(71) ALCO HI-TEK LIMITED [GB/GB]; Mission Works, Birds Royd Lane, Brighouse, W Yorkshire HD6 1LQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOMAX, Stuart, Andrew [GB/GB]; Mission Works, Birds Royd Lane, Brighouse, W Yorkshire HD6 1LQ (GB).

(74) BAILEY WALSH & CO; 5 York Place, Leeds LS1 2SD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 31/04

(11) WO 2004/097276 (13) A1

(21) PCT/US2004/012360

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/422,877 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPRING RETURN ACTUATOR FOR A DAMPER
• ACTIONNEUR A RAPPEL PAR RES-
SORT POUR REGISTRE

(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) McMILLAN, Scott, D. [US/US]; 5042 Lowry Terrace, Golden Valley, MN 55422 (US). MROZEK, Greg, T. [US/US]; 4300 Aquila Avenue N., New Hope, MN 55428 (US). LANGE, Christopher, M. [US/US];

8601 Hopewood Lane N., New Hope, MN 55427 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 31/04, 39/02

(11) WO 2004/097277 (13) A1

(21) PCT/US2004/012612

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,616 24 Apr/avr 2003 US (24.04.2003)

(30) 10/604,873 22 Aug/août 2003 US (22.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STEPPER MOTOR DRIVEN FLUID VALVE

• SOUPAPE DE FLUIDE COMMANDÉE
PAR MOTEUR PAS-À-PAS

(71) RANCO INCORPORATED OF DELAWARE [US/US]; 300 Delaware Avenue, Suite 1704, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NORRIS, Robert, R. [US/US]; 4692 Tuttle View Dr., Dublin, OH 43016 (US).

(74) KERCHER, Kevin, M.; Blackwell Sanders Peper Martin LLP, 720 Olive Street, 24 th Floor, St. Louis, MO 63101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 31/04, 3/24

(11) WO 2004/097278 (13) A1

(21) PCT/US2004/012613

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en

(26) en

(30) 60/465,617 24 Apr/avr 2003 US
(24.04.2003)(30) 10/605,875 3 Nov/nov 2003 US
(03.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STEPPER MOTOR DRIVEN VALVE

• VANNE COMMANDEE PAR UN MO-
TEUR PAS A PAS(71) RANCO INCORPORATED OF
DELAWARE, INC. [US/US]; 300 Delaware
Avenue, Suite 1704, Wilmington, DE 19801
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) NORRIS, Robert, R. [US/US]; 4692
Tuttles View Dr., Dublin, OH 43016 (US).
RUSSO, Gary, L. [US/US]; 67 Griswold St.,
Delaware, OH 43015 (US).(74) KERCHER, Kevin, M.; Blackwell Sanders
Peper Martin LLP, 720 Olive Street, 24th
Floor, St. Louis, MO 63101 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, B22F 5/00

(11) WO 2004/097279 (13) A1

(21) PCT/US2004/013690

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en

(26) en

(30) 60/466,489 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARMATURE FOR A CONTROL VALVE
IN A VEHICULAR BRAKE SYSTEM
AND METHOD OF FORMING SAME• ARMATURE POUR SOUPAPE DE
COMMANDE DE SYSTEME DE FREIN
DE VEHICULE ET PROCEDE DE FA-
BRICATION(71) KELSEY-HAYES COMPANY [US/US];
12000 Tech Center Drive, Livonia, MI 48150
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) LINKNER, Herbert, L., Jr. [US/US];
7700 N. Zeeb Road, Dexter, MI 48130 (US).
COLLINS, David, E. [US/US]; 24404
Chicago Street, Dearborn, MI 48124 (US).
WIND, Douglas, Todd [US/US]; 2986 Lon-
nie Drive, Westland, MI 48185 (US).(74) INKS, Allen, W.; Macmillan, Sobanski &
Todd LLP, One Maritime Plaza, Fourth Floor,
720 Water Street, Toledo, OH 43604 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 3/237, 3/223, H02G 3/32

(11) WO 2004/097280 (13) A1

(21) PCT/EP2004/004599

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de

(26) de

(30) 03010053.1 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIXTURE FOR ELONGATE OBJECTS

• SUPPORT POUR OBJETS ALLONGES

(71) HELLERMANN TYTON GMBH
[DE/DE]; Grosser Moorweg 45, 25436
Tornesch (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) WIEN, Thomas [DE/DE]; Lindenallee
24, 22869 Schenefeld (DE). STOCKER,
Konrad [DE/DE]; Schopfloch 16, 72401
Haigerloch (DE).(74) GLAWE - DELFS - MOLL; Rothenbaum-
chaussee 58, 20148 Hamburg (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 F16L 21/08

(11) WO 2004/097281 (13) A1

(21) PCT/KR2004/000949

(22) 24 Apr/avr 2004 (24.04.2004)

(25) ko

(26) en

(30) 20-2003-0013609 25 Apr/avr 2003 KR
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PIPE FIXING SYSTEM

• SYSTEME DE FIXATION DE TUYAU

(61) BF Not furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)Not furnished /
non communiquéeNot furnished /
non communiqué (COA)

SN	Not furnished / non communiqué (COA)
	Not furnished / non communiquée
TD	Not furnished / non communiqué (COA)
	Not furnished / non communiquée
TG	Not furnished / non communiqué (COA)
	Not furnished / non communiquée

(71, 72) KIM, Sukyoon [KR/KR]; 1-802aju apartment, 374 galsan2, bupyeong, incheon 403-805 (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).

Published / Publiée : (c)

(51)⁷ F16M 11/38, B62B 7/08

(11) WO 2004/097282 (13) A1

(21) PCT/AU2003/001025

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 2003902058 30 Apr/avr 2003 AU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COLLAPSIBLE SUPPORTING STRUCTURE
• STRUCTURE DE SUPPORT RE-PLIABLE

(71, 72) GOLIAS, Matthew [AU/AU]; 17 Nimmo Street, Middle Park, Victoria 3206 (AU).

(74) EARLEY, Martin; Pipers Mills Oakley Patent Attorneys, P.O. Box 453, Collins Street West, Melbourne, Victoria 8007 (AU).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F16M 13/00

(11) WO 2004/097283 (13) A2

(21) PCT/US2004/012990

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,516 28 Apr/avr 2003 US (28.04.2003)

(30) 60/497,572 25 Aug/août 2003 US (25.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MOUNTING NON-ACCELERATION BASED SENSOR
• PROCEDE DE MONTAGE POUR CAPTEURS AUTRES QUE DES CAPTEURS DE TYPE ACCELEROMETRE

(71) SIEMENS VDO AUTOMOTIVE CORPORATION [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WISNIEWSKI, Andrew J. [US/US]; 979 Oak Creek Drive, South Lyon, MI 48178 (US). CLARK, Jeffrey A. [US/US]; 17084 Mark Drive, Macomb Township, MI 48044 (US). KOSHOREK, Kevin R. [US/US]; 3057 Havenwood Drive, White Lake, MI 48383 (US).

(74) SLENZAK, Laura M.; c/o KELLER, Elsa, Siemens Corporation, 186 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 F17C 1/16, 11/00, B29D 22/00

(11) WO 2004/097284 (13) A1

(21) PCT/JP2004/005838

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126898 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANUFACTURING GAS CYLINDER, GAS CYLINDER, AND METHOD OF OCCLUDING AND DISCHARGING GAS
• PROCEDE DE FABRICATION D'UNE BONBONNE DE GAZ, BONBONNE DE GAZ, ET PROCEDE D'OCCLUSION ET DE DECHARGE DU GAZ

(71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo, 1058412 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OSHIMA, Shinji [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (JP). KUDE, Yukinori [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (JP). MIZUTA, Haruyoshi [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (JP).

(74) SAKAI, Hajime et al. / etc.; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo, 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 F17C 9/02, B63B 27/24

(11) WO 2004/097285 (13) A1

(21) PCT/NO2004/000120

(22) 29 Apr/avr 2004 (29.04.2004)

(25) no (26) en

(30) 20031962 30 Apr/avr 2003 NO (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A CARGO EVAPORATION DEVICE FOR USE WHEN UNLOADING SHIPS
• DISPOSITIF D'EVAPORATION DE CHARGE UTILISE LORS DU DECHARGEMENT DE BATEAUX

(71) REMORA TECHNOLOGY AS [NO/NO]; P.O. Box 8120, N-4068 STAVANGER (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HELLESMARK, Svein, Borge [NO/NO]; Trykkåsen 56, N-4870 FEVIK (NO). OLSEN, Claes, W. [NO/NO]; Bakken 9, 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 F17C 11/00

(11) WO 2004/097286 (13) A1

(21) PCT/CA2004/000646

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2,427,725 1 May/mai 2003 CA
(01.05.2003)(30) 60/501,017 9 Sep/sep 2003 US
(09.09.2003)(30) 60/509,256 8 Oct/oct 2003 US
(08.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYDROGEN STORAGE CONTAINER
• BOUTEILLE DE STOCKAGE
D'HYDROGENE(71) HERA, HYDROGEN STORAGE SYS-
TEMS INC. [CA/CA]; 577 Le Breton,
Longueuil, Quebec J4G 1R9 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) GAGNON, Frederic [CA/CA]; 145 rue
du Perigord, Ste-Basile-le-Grand, Quebec
J3N 1T4 (CA). SCHULZ, Robert [CA/CA];
68 Bel Horizon, Ste Julie, Quebec J0L 2S0
(CA). LAROCHELLE, Patrick [CA/CA];
318 des Glaiculs, Ste Julie, Quebec J3E 1H4
(CA). GENDRON, Stephane [CA/CA]; 109
Seigneuriale est, St-Bruno, Quebec J3V 2H7
(CA).(74) SAJEWYCZ, Mark, W. et al. / etc.; Gowl-
ling Lafleur Henderson LLP, Commerce Court
West, Suite 4900, Toronto, Ontario M5J 1L3
(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 F17D

(11) WO 2004/097287 (13) A2

(21) PCT/JP2004/006043

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2003-125508 30 Apr/avr 2003 JP
(30.04.2003)(30) 60/470,895 16 May/mai 2003 US
(16.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR
FEEDING HIGH-PURITY AMMONIA
GAS• DISPOSITIF ET PROCEDE
D'ALIMENTATION EN AMMONIACGAZEUX A HAUT DEGRE DE
PURETE(71) SHOWA DENKO K.K. [JP/JP]; 13-9,
Shibadaiyon 1-chome, Minato-ku, Tokyo,
1058518 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) TAGUCHI, Hiroyasu [JP/JP]; c/o Pro-
duction & Technology Control Department,
Gases & Chemicals Division, SHOWA
DENKO K.K., 5-1, Ogimachi, Kawasaki-ku,
Kawasaki-shi, Kanagawa, 2100867 (JP).
KOSUGE, Yasuhiro [JP/JP]; c/o Production
& Technology Control Department, Gases &
Chemicals Division, SHOWA DENKO K.K.,
5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi,
Kanagawa, 2100867 (JP).(74) SUZUKI, Shunichiro; S.SUZUKI & AS-
SOCIATES, 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 F17D

(11) WO 2004/097288 (13) A2

(21) PCT/US2004/012504

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,249 24 Apr/avr 2003 US
(24.04.2003)(30) 10/613,570 3 Jul/juil 2003 US
(03.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR CUTTING UNDERSEA
PIPELINE TO LENGTH• PROCEDE DE DECOUPE DE PIPELINE
MARIN SUIVANT LA LONGUEUR(71) TECHNIP FRANCE [FR/FR]; 6-8, Allée de
l'Arche, Faubourg de l'Arche, ZAC Danton,
F-92400 Courbevoie (FR).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) QUINN, Gerry [GB/US]; 19530 Tuscola
Lane, Katy, TX 77449 (US).(74) WEINER, Samuel, H. et al. / etc.; Os-
trolenk, Faber, Gerb & Soffen, LLP, 1180 Av-
enue 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 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ F21K

(11) WO 2004/097289 (13) A2

(21) PCT/US2004/013019

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465460 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ULTRAVIOLET ILLUMINATION OF
INDICIA, WATCHES AND OTHER IN-
STRUMENTS• ECLAIRAGE PAR ULTRAVIOLETS
DE SIGNES, D'HORLOGES ET
D'INSTRUMENTS DIVERS(71, 72) FUWAUSA, Michelle, Jillian [US/US];
10462 Waterfowl Terrace, Columbia, MD
21044 (US).(74) WEISZ, Tiberiu et al. / etc.; Gottlieb Rack-
man & Reisman P.C., 270 Madison Avenue,
New York, NY 10016-0601 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ F21K

(11) WO 2004/097290 (13) A2

(21) PCT/US2004/013022

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,460 28 Apr/avr 2003 US
(28.04.2003)(30) 10/751,204 2 Jan/jan 2004 US
(02.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ILLUMINATED DEVICES USING
UV-LED'S• DISPOSITIF ECLAIRE AU MOYEN
D'UNE DEL UV(71, 72) FUWAUSA, Michelle, Jillian [US/US];
10462 Waterfowl Terrace, Columbia, MD
21044 (US).(74) WEISZ, Tiberiu et al. / etc.; Gottlieb Rack-
man & Reisman P.C., 270 Madison Avenue,
New York, NY 10016-0601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ F21K 7/00, F21S 8/00, H01L 25/13

(11) WO 2004/097291 (13) A1

(21) PCT/DK2004/000200

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) PA200300656 1 May/mai 2003 DK
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A TUBULAR LED LIGHT SOURCE

• SOURCE LUMINEUSE DEL TUBU-
LAIRE

(71, 72) JENSEN, Allan, Krogh [DK/DK]; Ny-
landsvej 131, 4. MF., DK-4600 Køge (DK).

(74) RAFFNSØE, Knud, Rosenstand et al. /
etc.; Internationalt Patent-Bureau A/S, Høje
Taastrup Boulevard 23, DK-2630 Taastrup
(DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F21V

(11) WO 2004/097292 (13) A2

(21) PCT/US2004/013566

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,460 28 Apr/avr 2003 US
(28.04.2003)

(30) 10/609,196 28 Jun/juin 2003 US
(28.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ILLUMINATION DEVICES USING
LEDS

• DISPOSITIFS D'ECLAIRAGE COM-
PRENANT DES DELS

(71, 72) FUWAUSA, Michelle, Jillian [US/US];
10462 Waterfowl Terrace, Columbia, MD
21044 (US).

(74) WEISZ, Tiberiu et al. / etc.; Gottlieb Rack-
man & Reisman PC, 270 Madison 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 F21V 7/00, F21S 13/00

(11) WO 2004/097293 (13) A1

(21) PCT/EP2004/004601

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 0786/03 30 Apr/avr 2003 CH
(30.04.2003)

(30) 60/466,803 30 Apr/avr 2003 US
(30.04.2003)

(30) 00208/04 10 Feb/fév 2004 CH
(10.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CARRIER FOR LIGHT AND LIGHT
HEAD PROVIDED WITH A CARRIER
AND REFLECTOR

• SUPPORT DESTINE A UNE LAMPE ET
TETE DE LAMPE COMPORTANT UN
SUPPORT ET UN REFLECTEUR

(71) LIGHTING INNOVATION CENTER AG
[CH/CH]; Mühlentalstrasse 28, CH-8200
Schaffhausen (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHÜTZ, Ottokar [DE/DE];
Köpenicker Weg 1, 78056 VS-Schwen-
ningen (DE). MAURER, Werner [CH/CH];
Randenstrasse 178, CH-8200 Schaffhausen
(CH). WICHMANN, Ralph [CH/CH];
Kamorstasse 11, CH-8200 Schaffhausen
(CH). SCHÜRMANN, Urs [CH/CH];
Frauengasse 20, CH-8200 Schaffhausen
(CH). NEVOIGT, Jürgen [DE/DE]; Nuss-
baumstrasse 1, 78052 VS-Schwenningen
(DE).

(74) DTS Zürich; Postfach 873, CH-8029 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 F21V 9/08, F21S 2/00, H01L 33/00, G09F
13/04, 13/42

(11) WO 2004/097294 (13) A1

(21) PCT/JP2004/006291

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126860 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT EMITTING SURFACE BODY
STRUCTURE

• STRUCTURE DE CORPS A SURFACE
ELECTROLUMINESCENTE

(71) AVAILVS CORPORATION [JP/JP]; 7-4,
Rokuban-cho, Chiyoda-ku, Tokyo 102-0085
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAKAI, Mieko [JP/JP]; c/o Availvs Cor-
poration, 7-4, Rokuban-cho, Chiyoda-ku,
Tokyo 102-0085 (JP). SHINOMIYA,
Kenichiro [JP/JP]; 5-5-912, Enokigaoka,
Aoba-ku, Yokohama-shi, Kanagawa
227-0063 (JP). SAITO, Kenichiro [JP/JP];
10-17, Higashi-ohta 4-chome, Kisarazu-shi,
Chiba 292-0043 (JP). INOUE, Yukihiko
[JP/JP]; 227-5-303, Takada, Kashiwa-shi,
Chiba 277-0861 (JP).

(74) NISHIZAWA, Toshio; Three F Minami
Aoyama Bldg. 7F, 11-1, Minami-Aoyama
6-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 21/16, 21/08, F21L 4/00

(11) WO 2004/097295 (13) A1

(21) PCT/AU2004/000544

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003902031 29 Apr/avr 2003 AU
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A LIGHTING DEVICE

• DISPOSITIF D'ECLAIRAGE

(71) EVEREADY BATTERY COMPANY,
INC. [US/US]; 533 Maryville University
Drive, St. Louis, MO 63164 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **DALTON, David, Richard** [AU/AU]; 19 Stonecrop Road, Turramurra, NSW 2074 (AU). **RUGENDYKE, Timothy** [AU/AU]; 2/21 Waratah Avenue, Woy Woy, NSW 2256 (AU). **BROWN, John, Robert** [NZ/AU]; 52 Rangers Avenue, Mosman, NSW 2088 (AU). **ALLEN, Scott** [AU/AU]; 3/104 Dudley Street, Coogee, NSW 2034 (AU). **ENGLERT, Robert** [US/US]; 205 Avery Avenue, Syracuse, NY 13204 (US). **OSIECKI, Scott** [US/US]; 47 East Street, Skaneateles, NY 13152 (US). **SCHWEITZER, Andrew** [US/US]; 900 Eagle Lane, Apt 7, Camillus, NY 13031 (US).

(74) **BORG, Keith, Joseph** et al. / etc.; Halford & Co, Level 7, 1 Market Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F23C

(11) WO 2004/097296 (13) A2

(21) PCT/JP2004/006192

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2003-125695 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SUPPLYING APPARATUS FOR SUPPLYING COMBUSTIBLE MATERIAL, A GASIFICATION APPARATUS FOR GASIFYING COMBUSTIBLE MATERIAL AND METHOD FOR GASIFYING COMBUSTIBLE MATERIAL

• APPAREIL D'ACHEMINEMENT DE MATIERE COMBUSTIBLE, APPAREIL ET PROCEDE DE GAZEIFICATION DE MATIERE COMBUSTIBLE

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

(72) **MIYOSHI, Norihisa**; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **HASEGAWA, Tatsuya**; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **NARUSE, Katsutoshi**; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **SAWADA, Yasuhiro**; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP). **SASAKI, Koh**; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 1448510 (JP).

(74) **MIYAGAWA, Teiji** et al. / etc.; 6th Floor, Fuji Bldg., 19, Aizumi-cho, Shinjuku-ku, Tokyo 1600005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 F23C 10/10, B01D 53/50, C10G 25/09

(11) WO 2004/097297 (13) A1

(21) PCT/CA2003/000616

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IN-SITU CAPTURE OF CARBON DIOXIDE AND SULPHUR DIOXIDE IN A FLUIDIZED BED COMBUSTOR

• CAPTURE IN SITU DE DIOXYDE DE CARBONE ET DE DIOXYDE DE SOUFRE DANS UN DISPOSITIF DE COMBUSTION EN LIT FLUIDISE

(71) **HER MAJESTY THE QUEEN IN RIGHT OF CANADA** as represented by the **MINISTER OF NATURAL RESOURCES** [CA/CA]; 580 Booth Street, 16th Floor, Ottawa, Ontario K1A 0E4 (CA). **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Serrano No. 117, E-28006 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANTHONY, E., J.** [GB/CA]; 256 Second Avenue, Ottawa, Ontario K1S 2H9 (CA). **ABANADES, J., Carlos** [ES/ES]; 50629 Sobradriel, Zarazoga (ES).

(74) **WILKES, Robert, A.** et al. / etc.; Shapiro Cohen, P.O. Box 3440, Station D, Ottawa, Ontario K1P 6P1 (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 F23G 5/027

(11) WO 2004/097298 (13) A1

(21) PCT/RU2003/000398

(22) 1 Sep/sep 2003 (01.09.2003)

(25) ru (26) ru

(30) 2003112763 29 Apr/avr 2003 RU (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR RECYCLING MEGALOPOLIS WASTE

• PROCEDE DE TRAITEMENT DES DECHETS PRODUITS PAR L'ACTIVITE D'UNE MEGAPOLE

(71, 72) **KUZNETSOV, Gennady** [RU/RU]; ul. Pionerskaya, 1-1, Saratov, 410086 (RU).

(81) AE AU BR CA CN IL IN JP KR MX NO NZ SG US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F23R

(11) WO 2004/097299 (13) A2

(21) PCT/US2004/009311

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/397,412 26 Mar/mar 2003 US (26.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN APPARATUS AND METHOD FOR SELECTING A FLOW MIXTURE

• APPAREIL ET PROCEDE DE SELECTION D'UN MELANGE DE FLUIDES

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707 M/S 11-XT, Seattle, WA 98124-2207 (US).

(72) **SPROUSE, Kenneth, M.**; 18213 Osborne Street, Northridge, CA 91325 (US). **VON ARX, Alan, V.**; 16836 Gledhill Street, Northridge, CA 91342 (US). **MATTHEWS, David, R.**; 324 Spring Breeze Court, Simi Valley, CA 93065 (US).

(74) **GALBRAITH, Ann, K.**; The Boeing Company, P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F23R 3/00, F23M 13/00

(11) WO 2004/097300 (13) A1

(21) PCT/CA2004/000564

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/423,937 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOISE REDUCING COMBUSTOR

- CHAMBRE DE COMBUSTION A REDUCTION DE BRUIT

(71) PRATT & WHITNEY CANADA CORP. [CA/CA]; c/o Todd Bialek, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Quebec J4G 1A1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALKABIE, Hisham [CA/CA]; 2181 Norfold Drive, Oakville, Ontario L6H 6B6 (CA).

(74) BAILEY, Todd; Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F23R 3/00, F23M 5/00, F01D 21/12

(11) WO 2004/097301 (13) A1

(21) PCT/EP2004/003584

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 03009942.8 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBUSTION CHAMBER

- CHAMBRE DE COMBUSTION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STÖCKER, Bernd [DE/DE]; Im Gemeindegrund 23, 46147 Oberhausen (DE). TERTILT, Marc [DE/DE]; Balkhauser Weg 53, 45529 Hattingen (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 F24C 7/04, 15/16

(11) WO 2004/097302 (13) A1

(21) PCT/KR2004/000542

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10-2003-0026738 28 Apr/avr 2003 KR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEATING APPARATUS OF MICROWAVE OVEN AND FOOD HEATING METHOD

- APPAREIL DE CHAUFFAGE DE FOUR A MICRO-ONDES ET PROCEDE DE CHAUFFAGE D'ALIMENTS

(71) LG ELECTRONICS INC. [KR/KR]; 20 Yoido-dong, Yongdungpo-gu, 150-875 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Seog-Tae [KR/KR]; 206-1603 Towolsungwon Apt. Sangnam-dong 45, 641-779 Changwon (KR).

(74) HAW, Yong-Noke; 8th Fl. Songchon Bldg., 642-15, Yoksam-dong, Kangnam-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 PL PT 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 15/00, 15/04, A21B 3/10

(11) WO 2004/097303 (13) A1

(21) PCT/EP2004/004326

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 861.4 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COOKING DEVICE

- DISPOSITIF DE CUISSON

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAMLICH, Walter [DE/DE]; Lorenzrain 37, BRUCHSAL 76646 (DE). GÖTZ, Bernhard [DE/DE]; Siedlerstr. 42, 75059 Zaisenhausen (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG 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 F24C 15/00, 15/04, A21B 3/10

(11) WO 2004/097304 (13) A1

(21) PCT/EP2004/004327

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 860.6 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COOKING DEVICE

- DISPOSITIF DE CUISSON

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAMLICH, Walter [DE/DE]; Lorenzrain 37, BRUCHSAL 76646 (DE). GÖTZ, Bernhard [DE/DE]; Siedlerstr. 42, 75059 Zaisenhausen (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW)
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT
BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LU MC NL PL PT RO SE SI SK TR) OA
(BF BJ CF CG CI CM GA GN GQ GW ML MR
NE SN TD TG)

(51)⁷ F24C 15/00, 15/02, A21B 3/10

(11) WO 2004/097305 (13) A1

(21) PCT/EP2004/004328

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 859.2 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COOKING DEVICE

• DISPOSITIF DE CUISSON

(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) GRAMLICH, Walter [DE/DE]; Loren-
zrain 37, BRUCHSAL 76646 (DE). GÖTZ,
Bernhard [DE/DE]; Siedlerstr. 42, 75059
Zaisenhausen (DE).

(74) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH; Carl-Wery-Str. 34,
81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW)
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT
BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LU MC NL PL PT RO SE SI SK TR) OA
(BF BJ CF CG CI CM GA GN GQ GW ML MR
NE SN TD TG)

(51)⁷ F24F 5/00, F25B 1/00, 39/04

(11) WO 2004/097306 (13) A1

(21) PCT/JP2004/006121

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125437 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OUTDOOR UNIT FOR AIR CONDI-
TIONER

• BLOC D'EXTERIEUR POUR CONDI-
TIONNEUR D'AIR

(71) TOSHIBA CARRIER CORPORATION
[JP/JP]; 1-1, Shibaura 1-Chome, Minato-Ku,
Tokyo 1050023 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMANE, HiromasaCHUMA, Yoshi-
hiroSUZUKI, HideakiKUMAZAWA,
Hideyuki

(74) HATANO, Hisashi et al. / etc.; TOKYO IN-
TERNATIONAL PATENT FIRM, 2nd Floor,
Miyata Building, 17-16, Nishi-Shimbashi
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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 11/02, 1/00

(11) WO 2004/097307 (13) A1

(21) PCT/KR2003/001124

(22) 9 Jun/juin 2003 (09.06.2003)

(25) ko (26) en

(30) 10-2003-0027779 30 Apr/avr 2003 KR
(30.04.2003)

(30) 10-2003-0027781 30 Apr/avr 2003 KR
(30.04.2003)

(30) 10-2003-0027782 30 Apr/avr 2003 KR
(30.04.2003)

(30) 10-2003-0030991 15 May/mai 2003 KR
(15.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR CONTROLLING
OUTDOOR UNIT'S LOUVER BLADES
AND ITS METHOD

• DISPOSITIF ET PROCEDE DE COM-
MANDE DE LAMES EXTERIEURE DE
GRILLE D'AERATION

(71) LG ELECTRONICS, INC. [KR/KR];
20, Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KIM, In-Gyu [KR/KR]; Woosung
Apt. 110-706, Poongho-Dong, Jin-
hae-Shi, Kyungsangnam-Do 645-750
(KR). BAE, Young-Ju [KR/KR]; Daedong
Apt. 106-503, Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-777

(KR). KOO, Ja-Hyung [KR/KR]; Dae-
dong Apt. 112-405, Daebang-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-757 (KR).
PARK, Byung-II [KR/KR]; Woosung
Apt. 103-905, Namyang-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-091 (KR).
KIM, Kyeong-Ho [KR/KR]; Sungwon
Apt. 206-2002, Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-779 (KR).
KIM, Yang-Ho [KR/KR]; Sungwon Apt.
206-1006, 45-1, Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-779 (KR).
HONG, Young-Ho [KR/KR]; Daeyoung
Apt. No. 305, 431-2, Yora-Ri, Jiny-
oung-Yup, Kimhae-Shi, Kyungsangnam-Do
621-805 (KR). HEO, Kyeong-Wook
[KR/KR]; Towol-Daedong Apt. 107-1004,
44-1, Sangnam-Dong, Changwon-Shi,
Kyungsangnam-Do 641-830 (KR). CHA,
Kang-Wook [KR/KR]; Towol-Sungwon
Apt. 202-1004, 45-1, Sangnam-Dong,
Changwon-Shi, Kyungsangnam-Do 641-830
(KR). SUNG, Si-Kyong [KR/KR]; LGE
Domitory No. 522, 14-5, Gaumjong-Dong,
Changwon-Shi, Kyungsangnam-Do 641-711
(KR). LEE, Dong-Hyuk [KR/KR]; So-
sung-Jutack No. 7, 509-24, Yee-Dong,
Jinhae-Shi, Kyungsangnam-Do 645-808
(KR). KANG, Seong-Min [KR/KR]; 186,
Kodeok-Dong, Kangdong-Ku, Seoul 134-801
(KR). KIM, Tae-Geun [KR/KR]; 2nd Gae-
nari Apt. 204-1103, 39, Daebang-Dong,
Changwon-Shi, Kyungsangnam-Do 641-804
(KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor,
New-Seoul Bldg., 828-8 Yoksam 1-Dong,
Kangnam-Ku, Seoul 135-935 (KR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F24F 11/02, 1/00

(11) WO 2004/097308 (13) A1

(21) PCT/KR2003/001125

(22) 9 Jun/juin 2003 (09.06.2003)

(25) ko (26) en

(30) 10-2003-0027783 30 Apr/avr 2003 KR
(30.04.2003)

(30) 10-2003-0030992 15 May/mai 2003 KR
(15.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR CONTROLLING OP-
ERATION OF OUTDOOR UNIT AND
ITS METHOD

• DISPOSITIF ET PROCEDE DE COM-
MANDE D'UNE UNITE EXTERIEURE

(71) LG ELECTRONICS, INC. [KR/KR];
20, Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KIM, In-Gyu [KR/KR]; Woosung
Apt. 110-706, Poongho-Dong, Jin-
hae-Shi, Kyungsangnam-Do 645-750
(KR). BAE, Young-Ju [KR/KR]; Daedong
Apt. 106-503, Sangnam-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-777
(KR). KOO, Ja-Hyung [KR/KR]; Dae-
dong Apt. 112-405, Daebang-Dong, Chang-
won-Shi, Kyungsangnam-Do 641-757 (KR).

PARK, Byung-II [KR/KR]; Woosung Apt. 103-905, Namyang-Dong, Changwon-Shi, Kyungsangnam-Do 641-091 (KR). KIM, Kyeong-Ho [KR/KR]; Sungwon Apt. 206-2002, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). KIM, Yang-Ho [KR/KR]; Sungwon Apt. 206-1006, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). HONG, Young-Ho [KR/KR]; Daeyoung Apt. No. 305, 431-2, Yorae-Ri, Jinyoung-Yup, Kimhae-Shi, Kyungsangnam-Do 621-805 (KR). HEO, Kyeong-Wook [KR/KR]; Towol-Daedong Apt. 107-1004, 44-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). CHA, Kang-Wook [KR/KR]; Towol-Sungwon Apt. 202-1004, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). SUNG, Si-Kyong [KR/KR]; LGE Domitory No. 522, 14-5, Gaumjong-Dong, Changwon-Shi, Kyungsangnam-Do 641-711 (KR). LEE, Dong-Hyuk [KR/KR]; Sosung-Jutaek No. 7, 509-24, Yee-Dong, Jinhae-Shi, Kyungsangnam-Do 645-808 (KR). KANG, Seong-Min [KR/KR]; 186, Kodeok-Dong, Kangdong-Ku, Seoul 134-801 (KR). KIM, Tae-Geun [KR/KR]; 2nd Gaenari Apt. 204-1103, 39, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-804 (KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8 Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F24F 13/32, 7/007, 13/24, F04D 29/66

(11) WO 2004/097309 (13) A1

(21) PCT/FR2004/001017

(22) 27 Apr/avr 2004 (27.04.2004)

(25) fr (26) fr

(30) 03/05177 28 Apr/avr 2003 FR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOUND-PROOF VENTILATION UNIT
• GROUPE DE VENTILATION INSONORISE

(71) ALDES AERAILIQUE [FR/FR]; 20, boulevard Joliot-Curie, F-69200 Vénissieux (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHARDON, Gérard [FR/FR]; 105, rue Jean Sarrazin, F-69008 Lyon (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 F24H 1/43, 8/00

(11) WO 2004/097310 (13) A1

(21) PCT/FR2004/000990

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 03/05105 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONDENSATION HEAT EXCHANGER
• ECHANGEUR DE CHALEUR A CONDENSATION

(71) SOCIETE D'ETUDE ET DE REALISATION MECANQUES ENGINEERING EN TECHNOLOGIES AVANCEES [FR/FR]; Zone de l'Aéroport Morlaix, F-29600 Morlaix (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LE MER, Joseph [FR/FR]; Ty Nod, F-29600 Morlaix (FR).

(74) CABINET REGIMBEAU; Espace Performance, Bâtiment K, F-35769 Saint Grégoire 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 F24H 1/43, 8/00

(11) WO 2004/097311 (13) A1

(21) PCT/FR2004/000992

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 0305105 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONDENSATION HEAT EXCHANGER WITH A GAS/AIR HEAT COLLECTOR
• ECHANGEUR DE CHALEUR A CONDENSATION EQUIPE D'UN RECUPERATEUR DE CHALEUR GAZ/AIR

(71) SOCIETE D'ETUDE ET DE REALISATION MECANQUES ENGINEERING EN TECHNOLOGIES AVANCEES [FR/FR]; Zone de l'Aéroport Morlaix, F-29600 MORLAIX (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LE MER, Joseph [FR/FR]; Ty Nod, F-29600 MORLAIX (FR).

(74) CABINET REGIMBEAU; Espace Performance, Bâtiment K, F-35769 SAINT GREGOIRE 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 F24J 2/05, 2/48

(11) WO 2004/097312 (13) A1

(21) PCT/FI2004/000251

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fi (26) en

(30) 20030628 25 Apr/avr 2003 FI (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR COLLECTING RADIANT ENERGY
• PROCEDE ET DISPOSITIF PERMETTANT DE RECUEILLIR DE L'ENERGIE DE RAYONNEMENT

(71) OY KWH PIPE AB [FI/FI]; Kapellbacksvägen 240, FI-65370 Vasa (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLOMQUIST, Gunnar [FI/FI]; Rimälvägen 75, FI-65520 Helsingby (FI). FORSLUND, Peter [FI/FI]; Båskastäet 27, FI-65450 Solf (FI). SANDBACKA, Stefan [FI/FI]; Singsbyvägen 259, FI-65280 Vasa (FI). SLOTTE, Stefan [FI/FI]; Roparnäsvägen 55 A, FI-65320 Vasa (FI). HÄSTBACKA, Peter [FI/FI]; Grönvik gård, FI-65760 Iskmo (FI). LEPPÄNEN, Charlotta [FI/FI]; Valliusgatan 7, FI-21100 Nådendal (FI). LAGUS, Olai [FI/FI]; Klockarsgränd 8, FI-66100 Malax (FI).

(74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FI-00120 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ F24J 3/08

(11) WO 2004/097313 (13) A1

(21) PCT/CN2003/000681

(22) 14 Aug/août 2003 (14.08.2003)

(25) zh (26) zh

(30) 03124265.0 30 Apr/avr 2003 CN
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SINGLE WELL TYPE HEAT COLLECTING SYSTEM

• SYSTEME COLLECTEUR DE CHALEUR DU TYPE A Puits UNIQUE

(71, 72) XU, Shengheng [CN/CN]; BEIJING EVER SOURCE & TECHNOLOGY DEVELOPMENT CO. LTD, No.36 Xingshikou Road Haidian District, Beijing 100089 (CN).

(74) LUNG TIN INTERNATIONAL INTELLECTUAL PROPERTY AGENT CO. LTD; 18th Floor, Tower B, Grand Place, No. 5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 F25D

(11) WO 2004/097314 (13) A2

(21) PCT/US2004/012318

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/423,157 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REFRIGERATOR WITH TREATED WATER

• REFRIGERATEUR A EAU TRAITEE

(71) WHIRLPOOL CORPORATION [US/US]; 2000 N-M3, Benton Harbor, Michigan 49022 (US). PUR WATER PURIFICATION PRODUCTS, INC. [US/US]; 1 Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITCHELL, Alan [US/US]; P.O. Box 15913, Evansville, Indiana 47716 (US). ROSE, Todd [US/US]; 7011 Lincoln Ave., Evansville, Indiana 47715 (US). OLSON, Judd [US/US]; 5637 Glen Ave., Minnetonka, Minnesota 55345 (US). EMMONS, David [US/US]; 670 Windmere Curve, Plymouth, Minnesota 55441 (US). BOROS, John [US/US]; 801 Robert Ave. N., Maple Lake, Minnesota 55358 (US). BRETL, Donald [US/US]; 7951 Woodglen Dr., West Chester, Ohio 45069 (US).

(74) DAVIS, Mark; McGarry Bair PC, 171 Monroe Ave., N.W., Suite 600, Grand Rapids, Michigan 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097315 (13) A1

(21) PCT/JP2004/006021

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-123493 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REFRIGERATION UNIT FOR CONTAINER

• UNITE DE REFRIGERATION POUR RECIPIENT

(71) DAIKIN INDUSTRIES LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Takashi [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka, 5918511 (JP).

(74) ONO, Yukio et al. / etc.; SHINJYU GLOBAL IP, South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka, 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F26B 13/10, 21/10

(11) WO 2004/097316 (13) A1

(21) PCT/DE2004/000805

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 18 761.8 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR REGULATING A RECIRCULATING AIR MACHINE

• PROCEDE POUR REGULER UNE MACHINE A CIRCULATION D'AIR

(71) A. MONFORTS TEXTILMASCHINEN GMBH & CO. KG [DE/DE]; Schwalmstrasse 301, 41238 Mönchengladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRINZEN, Hans-Peter [DE/DE]; Am Schwarzbach 13, 41066 Mönchengladbach (DE).

(74) VON CREYTZ, Dietrich; Tannenweg 25, 41844 Wegberg (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 F26B 17/30

(11) WO 2004/097317 (13) A1

(21) PCT/KR2004/000971

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ko (26) en

(30) 10-2003-0027717 30 Apr/avr 2003 KR
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A DRYER DIRECTLY CONTACTING WITH HEATING DEVICE USING VIBRATION

• SECHOIR DIRECTEMENT EN CONTACT AVEC UN DISPOSITIF DE CHAUFFAGE FAISANT APPEL A DES VIBRATIONS

(71, 72) PARK, Nae, Sung [KR/KR]; 415-3, Sungnae3-Dong, Kangdong-Gu, Seoul 134-844 (KR).

(74) LEE, Jae, Kab; 4th Floor, Kyoung Sung Bldg., 641 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F27B 9/00

(11) WO 2004/097318 (13) A2

(21) PCT/FR2004/050147

(22) 6 Apr/avr 2004 (06.04.2004)

(25) fr (26) fr

(30) 03 05027 24 Apr/avr 2003 FR
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR IMPROVING PERFORMANCES OF A HEATING FURNACE AND FURNACE IMPLEMENTING SAID METHOD

• PROCEDE POUR AMELIORER LES PERFORMANCES D'UN FOUR DE RECHAUFFAGE ET FOUR METTANT EN OEUVRE CE PROCEDE

(71) L'AIR LIQUIDE, SOCIÉTÉ ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 PARIS CEDEX 07 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAMUNER, Bernard [FR/FR]; 20, square Robinson, F-92330 SCEAUX (FR).
BOCKEL-MACAL, Savine [FR/FR]; 16, rue des Maraichers, F-91140 VILLE-BON-SUR-YVETTE (FR).

(74) VESIN, Jacques; L'AIR LIQUIDE S.A., Direction Propriété Intellectuelle, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/02

(11) WO 2004/097319 (13) A2

(21) PCT/BE2004/000058

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03447097.1 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROLLER AND ROTATIONAL DRIVING DEVICE

• ROULEAU ET DISPOSITIF D'ENTRAÎNEMENT ROTATIF

(71) VESUVIUS CRUCIBLE COMPANY [US/US]; Suite 202, 103 Foulk Road, Wilmington, DE 19803 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) VESUVIUS GROUP S.A. [BE/BE]; 17, rue de Douvrain, B-7011 Ghlin (BE).
(only for / seulement pour ZM)(72, 75) CAILLAUD, Frédéric [FR/FR]; 68 Rue Paul Deudon, F-59750 Feignies (FR).
DEREMETZ, Jacky [FR/FR]; 18 Rue Paul Vaillant Couturier, F-59330 Neuf Mesnil (FR).

(74) DEBLED, Thierry; Vesuvius Group S.A., Intellectual Property Dept., 17, rue de Douvrain, B-7011 Ghlin (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 F28D

(11) WO 2004/097320 (13) A2

(21) PCT/IL2004/000360

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 155665 29 Apr/avr 2003 IL
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERMAL ENERGY STORAGE

• STOCKAGE D'ÉNERGIE THERMIQUE

(71, 72) SEIDEL, Pessach [IL/IL]; 25 Ma'ale HaOren Street, 90820 Motza Ilit (IL).

(74) JEREMY M. BEN-DAVID & CO. LTD.; P.O. Box 45087, Har Hotzvim Hi-Tech Park, 91450 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).

(51)⁷ F28D

(11) WO 2004/097321 (13) A2

(21) PCT/US2004/011549

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/421,273 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INVOLUTE FOIL REGENERATOR

• REGENERATEUR AVEC FEUILLES A DEVELOPPANTE

(71) SUNPOWER, INC. [US/US]; 182 Mill Street, Athens, OH 45701 (US).
(for all designated States except / pour tous les États désignés sauf US)(72) BERCHOWITZ, David, M.; 138 North Congress Street, Athens, OH 45701 (US).
LANE, Neill; 136 North Congress Street, Athens, OH 45701 (US).
CALE, Todd; Route 1, 3455 Youba Ridge Road, Coolville, OH 45723 (US).
WOOD, James, Gary; 3996 Marion Johnson Road, Albany, OH 45710 (US).

(74) FOSTER, Frank, H. et al. / etc.; Kremblas, Foster, Phillips & Pollick, 7632 Slate Ridge Blvd., Reynoldsburg, OH 43068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)

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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 F28F 1/30

(11) WO 2004/097322 (13) A1

(21) PCT/JP2004/005988

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 2003-123837 28 Apr/avr 2003 JP (28.04.2003)

(30) 60/477,746 12 Jun/juin 2003 US (12.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EVAPORATOR AND PROCESS FOR FABRICATING SAME

• EVAPORATEUR ET PROCEDE DE FABRICATION DUDIT EVAPORATEUR

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 1058518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAGAWA, Shintaro [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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28F 3/12, 7/02

(11) WO 2004/097323 (13) A1

(21) PCT/DE2004/000886

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 367.7 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE CREATION OF A HYDRAULIC NETWORK USED FOR

OPTIMIZED HEAT TRANSFER AND MATERIAL CONVEYANCE

• PROCEDE DE FABRICATION D'UN RESEAU HYDRAULIQUE POUR UNE TRANSMISSION DE CHALEUR ET UN TRANSPORT DE MATIERE OPTIMISES

(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) HERMANN, Michael [DE/DE]; Breisgauer Str. 45, 79110 Freiburg (DE).

(74) GAGEL, Roland; Landsberger Str. 480a, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM 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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F28F 9/26

(11) WO 2004/097324 (13) A1

(21) PCT/JP2004/005638

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 2003-123163 28 Apr/avr 2003 JP (28.04.2003)

(30) 60/477,775 12 Jun/juin 2003 US (12.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIDE PLATE FOR HEAT EXCHANGER, HEAT EXCHANGER AND PROCESS FOR FABRICATING THE HEAT EXCHANGER

• PLAQUE LATÉRALE POUR ÉCHANGEUR DE CHALEUR, ÉCHANGEUR DE CHALEUR ET PROCEDE DE FABRICATION DE CET ÉCHANGEUR DE CHALEUR

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome Minato-ku Tokyo, 1058518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKAWA, Yohei [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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F41A

(11) WO 2004/097325 (13) A2

(21) PCT/US2004/001516

(22) 21 Jan/jan 2004 (21.01.2004)

(25) en (26) en

(30) 10/349,393 21 Jan/jan 2003 US (21.01.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POP-UP WEAPON SYSTEM

• SYSTEME D'ARME A EJECTION

(71) UNITED DEFENSE, L.P. [US/US]; 1100 Bairs Road, York, PA 17404 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) ECKSTEDT, Paul, D.; 4085 Rondeau Drive, San Jose, CA 95124 (US).

(74) PATTERSON, James, H. et al. / etc.; Patterson, Thunte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F41A 19/62, 19/61, 19/13

(11) WO 2004/097326 (13) A1

(21) PCT/AU2004/000579

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 2003902103 2 May/mai 2003 AU (02.05.2003)

(30) 2003902223 9 May/mai 2003 AU (09.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBINED ELECTRICAL MECHANICAL FIRING SYSTEMS

• DISPOSITIFS DE MISE A FEU ELECTROMECANQUES COMBINES

(71) METAL STORM LIMITED [AU/AU]; Level 34, 345 Queen Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'DWYER, James, Michael [AU/AU]; Unit 162, Level 27, 32 Macrossan Street, Brisbane, Queensland 4000 (AU). O'DWYER, Sean, Patrick [AU/AU]; 104 Brentnall Street, Norman Park, Queensland 4170 (AU).

(74) CHRISTIE, Andrew, L. et al. / etc.; Davies Collision Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/08, F42B 6/02

(11) WO 2004/097327 (13) A2

(21) PCT/CZ2004/000025

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) PV 2003-1224 2 May/mai 2003 CZ (02.05.2003)

(30) PV 2003-1223 2 May/mai 2003 CZ (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A PNEUMATIC PROJECTILE LAUNCHER
• LANCEUR DE PROJECTILES PNEUMATIQUE

(71, 72) JAKL, Albin [CZ/CZ]; U Letenského sadu 18, 170 00 Praha 7 (CZ).

(72, 75) KNOBLOCH, Rafael [CZ/CZ]; Srobárova 17, 130 00 Praha 3 (CZ).

(74) FISCHER, Michael; Na Hrobcí 5, 128 00 Praha 2 (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).

(51)⁷ F41B 15/02

(11) WO 2004/097328 (13) A1

(21) PCT/DE2004/000876

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 203 06 698.7 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BATON
• MATRAQUE

(71) BOPP, Wolfgang [DE/DE]; Oberer Dorfgraben 15 c, 55130 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LABES, Holger [DE/DE]; Karcherstrasse 18, 67655 Kaiserslautern (DE).

(74) WOLF, Guenter et al. / etc.; An der Mainbrücke 16, 63456 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).

(51)⁷ F41G 7/36, G01S 5/14

(11) WO 2004/097329 (13) A1

(21) PCT/US2003/035849

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/396,639 25 Mar/mar 2003 US (25.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROJECTILE GUIDANCE WITH ACCELEROMETERS AND A GPS RECEIVER
• SYSTEME DE GUIDAGE D'UN PROJECTILE EQUIPE D'ACCELEROMETRES ET D'UN RECEPTEUR GPS

(71) LITTON SYSTEMS, INC. [US/US]; 21240 Burbank Boulevard, Building 35, Woodland Hills, CA 91367 (US).

(72) RATKOVIC, Joseph, A.; 7901 Berger Avenue, Playa Del Ray, CA 90293 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F42B

(11) WO 2004/097330 (13) A2

(21) PCT/US2003/021319

(22) 7 Jul/juil 2003 (07.07.2003)

(25) en (26) en

(30) 60/406,828 29 Aug/août 2002 US (29.08.2002)

(30) 10/301,302 21 Nov/nov 2002 US (21.11.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TANDEM WARHEAD
• CHARGE MILITAIRE EN TANDEM

(71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) LLOYD, Richard, M.; 71 Lincoln Street, Melrose, MA 02176 (US).

(74) THOMPCKINS, Thomas, E., Jr. 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F42B 5/03, 5/067, 30/00, F41A 21/00

(11) WO 2004/097331 (13) A1

(21) PCT/AU2004/000555

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 2003902103 2 May/mai 2003 AU (02.05.2003)

(30) 2003902556 23 May/mai 2003 AU (23.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CANISTER FOR A WEAPON FIRING LESS THAN LETHAL PROJECTILES

- CARTOUCHE POUR ARME TIRANT DES PROJECTILES SANS EFFET MORTEL
- (71) **METAL STORM LIMITED** [AU/AU]; Level 34, 345 Queen Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'DWYER, James, Michael** [AU/AU]; Unit 162, Level 27, 32 Macrossan Street, Brisbane, Queensland 4000 (AU).
O'DWYER, Sean, Patrick [AU/AU]; 104 Brentnall Street, Norman Park, Queensland 4170 (AU).
- (74) **CHRISTIE, Andrew, L.** et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **F42B 39/30**
- (11) **WO 2004/097332** (13) A1
- (21) PCT/EP2004/003907
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) de (26) de
- (30) 103 18 996.3 **25 Apr/avr 2003** DE
(25.04.2003)
- (30) 10 2004 014 769.8 **26 Mar/mar 2004** DE
(26.03.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PACKAGING SYSTEM FOR DETONATION CORDS, WHICH IS USED FOR X-RAY EXAMINATION AND SAFE SHIPPING
- SYSTEME D'EMBALLAGE POUR CORDEAU DETONANT, PERMETTANT UN CONTROLE PAR RADIOGRAPHIE ET UNE EXPEDITION SURE
- (71) **DYNAENERGETICS GMBH & CO. KG** [DE/DE]; Kaiserstrasse 1, 53840 Troisdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROSPEK, Rolf** [DE/DE]; Plotenweg 3, 31234 Edemissen (DE). **VEEHMAYER, Malte** [DE/DE]; Ernststr. 32, 53721 Siegburg (DE). **RIESEN, Dimitri** [DE/DE]; Alemanenstr. 5, 53844 Troisdorf (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/34, 5/08**
- (11) **WO 2004/097334** (13) A1
- (21) PCT/GB2004/001730
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (30) 0310164.9 **2 May/mai 2003** GB
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • WIRE ROPE GAUGES
- CALIBRE POUR CABLE METALLIQUE
- (71, 72) **MATHESON, Alexander, Ashton** [GB/GB]; 39 Old Wharf, Telford TF3 2HB (GB).
- (74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01B 11/00, 11/25**
- (11) **WO 2004/097335** (13) A1
- (21) PCT/IB2003/001671
- (22) **25 Apr/avr 2003 (25.04.2003)**
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SHAPE AND DEFORMATION MEASUREMENTS OF LARGE OBJECTS BY FRINGE PROJECTION
- MESURES DE LA FORME ET DE LA DEFORMATION D'OBJETS DE GRANDE TAILLE PAR PROJECTION DE FRANGES
- (71) **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)** [CH/CH]; CM-Ecublens, CH-1015 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DESMANGLES, Anne-Isabelle** [CH/CH]; 4, Chemin du Bois de la Fontaine, CH-1007 Lausanne (CH).
- (74) **CRONIN, Brian**; Cronin Intellectual Property, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 G01B 11/03

(11) WO 2004/097336 (13) A1

(21) PCT/EP2004/004509

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 798.2 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CO-ORDINATE-MEASURING INSTRUMENT

• APPAREIL DE MESURE DE COORDONNÉES

(71) WERTH MESSTECHNIK GMBH [DE/DE]; Siemensstr. 19, 35394 Giessen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHRISTOPH, Ralf [DE/DE]; Siemensstr. 19, 35394 Giessen (DE).

(74) STOFFREGEN, Hans-Herbert; Friedrich-Ebert-Anlage 11b, 63450 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 15/06

(11) WO 2004/097337 (13) A1

(21) PCT/US2004/012511

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,770 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIATION SOURCES AND RADIATION SCANNING SYSTEMS WITH IMPROVED UNIFORMITY OF RADIATION INTENSITY

• SOURCES DE RAYONNEMENT ET SYSTEMES DE BALAYAGE A RAYONNEMENT A MEILLEURE UNIFORMITE DES INTENSITES DE RAYONNEMENT

(71) VARIAN MEDICAL SYSTEMS TECHNOLOGIES, INC. [US/US]; 3100 Hansen Way, Palo Alto, CA 94304 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BJORKHOLM, Paul [US/US]; 1801 Port Barmouth Place, Newport Beach, CA 92660 (US). CLAYTON, James, E. [US/US]; 10 Holly Tree Court, Henderson, NV 89052 (US).

(74) SKLAR, Brandon, N.; Kaye Scholer LLP, 425 Park Avenue, New York, NY 10022-3598 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/02, G12B 5/00

(11) WO 2004/097338 (13) A1

(21) PCT/EP2004/004432

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 2003 0756/03 30 Apr/avr 2003 CH
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR ADJUSTING THE ANGLE OF A SIGHTING UNIT TO A TARGET

• DISPOSITIF POUR AJUSTER UN ANGLE D'UNE UNITE DE VISEE SUR UNE CIBLE

(71) LEICA GEOSYSTEMS AG [CH/CH]; Heinrich-Wild-Strasse, CH-9435 Heerbrugg (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÄLE, Anton [AT/CH]; Unterdorfstrasse 8, CH-9443 Widnau (CH).

(74) KAMINSKI, Susanne; Büchel, Kaminski & Partner, Austrasse 79, FL-9490 Vaduz (LI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 15/00, G06F 17/50, G09B 29/00

(11) WO 2004/097339 (13) A1

(21) PCT/AU2004/000452

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2003902049 30 Apr/avr 2003 AU
(30.04.2003)(30) 60/467,270 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FEATURE SET TRANSFORMATION

• TRANSFORMATION D'ENSEMBLE DE CARACTERISTIQUES

(71) GEODATA INFORMATION SYSTEMS PTY LIMITED [AU/AU]; Unit 6, 54 Miller Street, North Sydney, New South Wales 2060 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLETCHER, Michael, James [AU/AU]; 57 Tryon Road, Lindfield, New South Wales 2070 (AU). ELFICK, Michael, Hele [AU/AU]; 44 Clarencetown Road, Wollalong, New South Wales 2370 (AU).

(74) COWLE, Anthony, John et al. / etc.; Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01C 21/00

(11) WO 2004/097340 (13) A1

(21) PCT/JP2004/006210

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125340 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROUTE INFORMATION TRANSMITTING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS ROUTIERES

(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, Shinya

(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 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 G01C 21/34, G08G 1/0968 // G06F 165:00
- (11) WO 2004/097341 (13) A1
- (21) PCT/AU2004/000575
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 2003902042 30 Apr/avr 2003 AU (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ROUTE OPTIMIZATION APPARATUS & METHOD
- APPAREIL ET PROCÉDE D'OPTIMISATION D'UNE VOIE D'ACHEMINEMENT
- (71) NEXTSPACE TECHNOLOGIES PTY LTD [AU/AU]; Suite 7 Ashgrove Serviced Offices, 240 Waterworks Road, Ashgrove, Queensland 4060 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRAY, Don, Chanachok [AU/AU]; 2/12 Greenbank Street, Chermside, Queensland 4032 (AU). BAHIR, Ahmad [AU/AU]; 90 Bluegrass Crescent, Eight Mile Plains, Queensland 4113 (AU). LA, Nhut, Luke [AU/AU]; 5 Forgan Smith Street, Collingwood Park, Queensland 4301 (AU). WONG, Ben [AU/AU]; Suite 7 Ashgrove Serviced Offices, 240 Waterworks Road, Ashgrove, Queensland 4060 (AU).
- (74) FISHER ADAMS KELLY; Level 13 AMP Place, 10 Eagle Street, Brisbane, Queensland 4001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01D 4/00
- (11) WO 2004/097342 (13) A1
- (21) PCT/EP2004/004315
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) de (26) de
- (30) 103 19 078.3 26 Apr/avr 2003 DE (26.04.2003)
- (30) 103 19 256.5 28 Apr/avr 2003 DE (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE FOR DETECTING DATA ON A SUPPLY METER
- DISPOSITIF DE DETECTION DE DONNEES SUR UN COMPTEUR DE CONSOMMATION
- (71, 72) SCHRÖTER, Michael [DE/DE]; Timmersfeld 1, 42899 Remscheid (DE).
- (74) KRIENEN, PFINGSTEN, TRUSKOWSKI; 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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/26, 11/28, 13/28
- (11) WO 2004/097343 (13) A1
- (21) PCT/JP2004/005518
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) ja (26) ja
- (30) 2003-121484 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INSTRUMENT DEVICE
- INSTRUMENT
- (71) NIPPON SEIKI CO. LTD. [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata, 9408580 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BABA, Hideto [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata, 9408580 (JP). FUJITA, Atsushi [JP/JP]; c/o Nippon seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata, 9408580 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097344 (13) A2
- (21) PCT/GB2004/001751
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 0309385.3 25 Apr/avr 2003 GB (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • X-RAY MONITORING
- SURVEILLANCE PAR RAYONS X
- (71) CXR LIMITED [GB/GB]; Unit 5, Riverside Business Centre, Walnut Tree Close, Guildford GU1 4UG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORTON, Edward, James [GB/GB]; 37 Banders Rise, Guildford, Surrey GU1 2SL (GB).
- (74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01F 1/66
- (11) WO 2004/097345 (13) A1
- (21) PCT/JP2003/013973
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) ja (26) ja
- (30) 2003-158659 30 Apr/avr 2003 JP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • IMPULSE FLOWMETER
- DEBITMETRE A IMPULSIONS
- (71) AVANCE TECHNE ACCENT CORP. [JP/JP]; 922-1, Ooaza Mitsugi, Tsurugashima-shi, Saitama 350-2217 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAKAI, Iwao [JP/JP]; c/o AVANCE TECHNE ACCENT CORP., 922-1, Ooaza Mitsugi, Tsurugashima-shi, Saitama 350-2217 (JP). KUSHIDA, Satoshi [JP/JP]; c/o AVANCE TECHNE ACCENT CORP., 922-1, Ooaza Mitsugi, Tsurugashima-shi, Saitama 350-2217 (JP). MACHIDA, Noriyoshi [JP/JP]; c/o AVANCE TECHNE ACCENT CORP., 922-1, Ooaza Mitsugi, Tsurugashima-shi, Saitama 350-2217 (JP).
- (74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, Shinjuku-ku, Tokyo 1600004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G01F 1/708**
 (11) **WO 2004/097346** (13) A1
 (21) PCT/SE2003/002064
 (22) **22 Dec/déc 2003 (22.12.2003)**
 (25) en (26) en
 (30) 0301261-4 **30 Apr/avr 2003 (30.04.2003)** SE
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • A METHOD FOR MONITORING THE STAY TIME IN A RESTRICTED CONDUIT
 • PROCEDE DE SURVEILLANCE DU TEMPS DE SEJOUR DANS UN CONDUIT LIMITE
 (71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; Avenue Général-Guisan 70, CH-1009 PULLY (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SKOGLUND, Tomas** [SE/SE]; Stenåldersvägen 21, S-226 54 LUND (SE).
 (74) **BRUNNSTRÖM, Gunilla**; Patent Department, AB Tetra Pak, Ruben Rausing's gata, S-221 86 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 **G01F 23/22**
 (11) **WO 2004/097348** (13) A1
 (21) PCT/GB2004/001268
 (22) **25 Mar/mar 2004 (25.03.2004)**
 (25) en (26) en
 (30) 0309816.7 **30 Apr/avr 2003 (30.04.2003)** GB
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • LIQUID LEVEL DETECTOR
 • DETECTEUR DU NIVEAU DE LIQUIDE
 (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) **NICHOLLS, Paul** [GB/GB]; 4 Uxbridge Close, Sarisbury Green, Southampton SO31 7LP (GB).
 (74) **KANAK, Wayne, I.**; Sensa, Gamma House, Enterprise Road, Chilworth Science Park, Southampton SO16 7NS (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01F 23/00**
 (11) **WO 2004/097347** (13) A2
 (21) PCT/EP2004/003222
 (22) **26 Mar/mar 2004 (26.03.2004)**
 (25) en (26) en
 (30) 10/423,478 **25 Apr/avr 2003 (25.04.2003)** US
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • RADAR FILLING LEVEL MEASUREMENT USING CIRCULARLY POLARIZED WAVES
 • MESURE DE NIVEAU DE REMPLISSAGE PAR RADAR AU MOYEN D'ONDES POLARISEES CIRCULAIREMENT
 (71) **VEGA GRIESHABER KG** [DE/DE]; Hauptstrasse 1-5, 77709 Wolfach (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FEHRENBACH, Josef** [DE/DE]; Schlattstrasse 1, 77716 Haslach (DE).
GRIESSBAUM, Karl [DE/DE]; Hauptstrasse 32, 77796 Mühlenbach (DE).
-
- (74) **PREUSS, Udo**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • SCALE HAVING A DISPLAY AND OPERATING UNIT
 • BALANCE POURVUE D'UNE UNITE D'AFFICHAGE ET DE COMMANDE
 (71) **METTLER-TOLEDO GMBH** [CH/CH]; Im Langacher, 8606 Greifensee (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LEISINGER, Roger** [CH/CH]; Hochstrasse 65, CH-8044 Zürich (CH).
MORF, Patrik [CH/CH]; Kreidenbühlstrasse 4, 8606 Nänikon (CH).
 (74) **METTLER-TOLEDO GMBH**; Patent Department, Im Langacher Postfach MT-100, 8606 Greifensee (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 **G01H**
 (11) **WO 2004/097350** (13) A2
 (21) PCT/US2004/013040
 (22) **28 Apr/avr 2004 (28.04.2004)**
 (25) en (26) en
 (30) 60/466,153 **28 Apr/avr 2003 (28.04.2003)** US
 (43) 11 Nov/nov 2004 (11.11.2004)
 (54) • ROOM VOLUME AND ROOM DIMENSION ESTIMATION
 • ESTIMATION DU VOLUME D'UNE PIECE ET ESTIMATION DES DIMENSIONS D'UNE PIECE
 (71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 506 S. Wright Street, Urbana, IL 61801 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LARSEN, Erik** [US/US]; 707 Ashton Lane South, Champaign, IL 61820 (US).
FENG, Albert, S. [US/US]; 1209 Wilshire Court, Champaign, IL 61821 (US).
JONES, Douglas, L. [US/US]; 1214 W. Church Street, Champaign, IL 61821 (US).
 (74) **PAYNTER, L., Scott et al.** / etc.; Woodard, Emhardt, Moriarty, McNett & Henry LLP, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
-
- Published / Publiée : (c)
 (51)⁷ **G01G 21/28**
 (11) **WO 2004/097349** (13) A1
 (21) PCT/EP2004/004499
 (22) **27 Apr/avr 2004 (27.04.2004)**
 (25) de (26) de
 (30) 103 19 779.6 **30 Apr/avr 2003 (30.04.2003)** DE

- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097351 (13) A2
(21) PCT/US2004/013041
(22) 28 Apr/avr 2004 (28.04.2004)
(25) en (26) en
(30) 60/466,133 28 Apr/avr 2003 US
(28.04.2003)
(30) 10/807,885 24 Mar/mar 2004 US
(24.03.2004)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • DETERMINING REVERBERATION
TIME
• METHODE POUR DETERMINER LE
TEMPS DE REVERBERATION
(71) THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS [US/US];
506 S. Wright Street, Urbana, IL 61801 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) RATNAM, Rama [IN/US]; 613 W.
Springfield Avenue, Apt.4, Champaign, IL
61820 (US). FENG, Albert, S. [US/US];
1209 Wilshire Court, Champaign, IL 61821
(US). JONES, Douglas, L. [US/US]; 1214
W. Church Street, Champaign, IL 61821
(US). LANSING, Charissa, R. [US/US];
2903 Valley Brook Drive, Champaign,
IL 61821 (US). O'BRIEN, William, D.
[US/US]; 2002 O'Donnell Drive, Champaign,
IL 61821 (US). WHEELER, Bruce, C.
[US/US]; 1203 Waverly Drive, Champaign,
IL 61821 (US).
(74) PAYNTER, L., Scott 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).
-
- (51)⁷ G01J
(11) WO 2004/097352 (13) A2
(21) PCT/US2004/012849
(22) 26 Apr/avr 2004 (26.04.2004)
(25) en (26) en
- (30) 60/465,367 25 Apr/avr 2003 US
(25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • INSTRUMENTATION, ARTICLES OF
MANUFACTURE, AND ANALYSIS
METHODS
• APPAREILLAGE, ARTICLES MA-
NUFACTURES ET METHODES
D'ANALYSE
(71) GRIFFIN ANALYTICAL TECHNOLO-
GIES, INC. [US/US]; 3000 Kent Avenue,
West Lafayette, IN 47906 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) BARKET, Dennis [US/US]; 2306 Ot-
tawa Drive, Lafayette, IN 47906 (US).
WELLS, James, Mitchell [US/US]; 3636
Redondo Drive, Lafayette, IN 47905 (US).
(74) HYTA, Robert, C.; Wells St. John, P.S.,
601 W. 1st Avenue, Suite 1300, Spokane, WA
99201 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 3/46
(11) WO 2004/097353 (13) A1
(21) PCT/EP2004/004676
(22) 29 Apr/avr 2004 (29.04.2004)
(25) en (26) en
(30) 03 09775.5 30 Apr/avr 2003 GB
(30.04.2003)
(30) 03 26207.8 11 Nov/nov 2003 GB
(11.11.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • COMPENSATING FOR HUMAN PER-
CEPTION OF COLOUR
• COMPENSATION DE DECALAGE
DANS LA PERCEPTION HUMAINE
DES COULEURS
(71) IMPERIAL CHEMICAL INDUSTRIES
PLC [GB/GB]; 20 Manchester Square, Lon-
don W1U 3AN (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) LUO, Ming, Ronnier [GB/GB]; 4 Nurs-
ery End, Loughborough, Leicestershire, LE
11 3RB (GB). XIAO, Kaida [CN/CN]; No
4-1, Building 3, No 43 Beisanhuanzhong
Road, Beijing 100088 (CN). LI, Changjun
[CN/CN]; 432 Building 12-1, Wang Hu Road,
Heping District, Shenyang 110006 (CN).
(74) COOPER, Alan, Victor; ICI Paints, ICI
Group Intellectual Property, P O Box 1883,
Wexham Road, Slough PDO, Berkshire SL2
5FD (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/06, 5/08
(11) WO 2004/097354 (13) A1
(21) PCT/US2004/012574
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 10/423,504 25 Apr/avr 2003 US
(25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • OPTICAL SYSTEM FOR A WIDE
FIELD OF VIEW STARING INFRARED
SENSOR HAVING IMPROVED OPTI-
CAL SYMMETRY
• SYSTEME OPTIQUE POUR CAPTEUR
INFRAROUGE A GRAND CHAMP DE
VISION PRESENTANT UNE SYME-
TRIE OPTIQUE AMELIOREE
(71) RAYTHEON COMPANY [US/US]; 870
Winter Street, Office of the General Counsel,
Waltham, MA 02451 (US).
(72) WELLMAN, William; 579 Via Rueda,
Santa Barbara, California 93110 (US). BOR-
CHARD, Joseph F.; 2161 Borchard Trail,
McKinney, Texas 75071 (US). ANDERSON,
Douglas; 110 North Lois, Richardson, Texas
75081 (US).
(74) SCHUBERT, William C. et al. / etc.;
Raytheon Company, EO/E04/N119, 2000
East El Segundo Boulevard, P. O. Box 902,
El Segundo, CA 90245 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 G01J 5/10, 5/20, B81B 1/00, 3/00
(11) WO 2004/097355 (13) A1
(21) PCT/FR2004/000942

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/05030 24 Apr/avr 2003 FR
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HONEYCOMB- STRUCTURED ELECTROMAGNETIC RADIATION THERMAL DETECTOR

• DETECTEUR THERMIQUE DE RAYONNEMENT ELECTROMAGNETIQUE A STRUCTURE ALVEOLEE

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris 15 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YON, Jean-Jacques [FR/FR]; 56, rue des Chênes, F-38360 Sassenage (FR). OUVRIER-BUFFET, Jean-Louis [FR/FR]; 430, route de la Planche, F-74320 Sévrier (FR). ASTIER, Astrid [FR/FR]; 394, avenue du Chapays, F-38340 Voreppe (FR). VILAIN, Michel [FR/FR]; 1, rue Terrasses, F-38450 Saint-Georges De Commiers (FR).

(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5 Place Robert Schuman, P.O. Box 1537, F-38025 Grenoble 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01K

(11) WO 2004/097356 (13) A2

(21) PCT/US2004/012190

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/466,225 28 Apr/avr 2003 US
(28.04.2003)(30) 10/733,970 11 Dec/déc 2003 US
(11.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM, METHOD AND APPARATUS FOR EVALUATING TISSUE TEMPERATURE

• SYSTEME, PROCEDE ET DISPOSITIF D'EVALUATION DE LA TEMPERATURE DES TISSUS

(71) CALFACIOR CORPORATION [US/US]; Business Technology Center, 1275 Kinnear Road, Columbus, OH 43212 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EGGERS, Philip, E. [US/US]; 5366 Reserve Drive, Dublin, OH 43017 (US).

RIDIHALGH, John, L. [US/US]; 2112 Iuka Avenue, Columbus, OH 43210 (US). MAYERCHAK, Mark [US/US]; 18323 51st Avenue, SE, Bothell, WA (US). ALTMAN, Gary [US/US]; 14219 128th Place, NE, Kirkland, WA 98034 (US).

(74) BURKE, Diane, E. et al. / etc.; Mueller & Smith, LPA, 7700 Rivers Edge Drive, Columbus, OH 43235 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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) WO 2004/097357 (13) A2

(21) PCT/US2004/012491

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/465,434 25 Apr/avr 2003 US
(25.04.2003)(30) 10/634,297 5 Aug/août 2003 US
(05.08.2003)(30) 60/502,834 12 Sep/sep 2003 US
(12.09.2003)(30) 10/824,709 14 Apr/avr 2004 US
(14.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRONIC TIME-TEMPERATURE INDICATOR AND LOGGER

• INDICATEUR ET ENREGISTREUR DE TEMPS-TEMPERATURE ELECTRONIQUE

(63) US 10/634,297 (CIP)
5 Aug/août 2003 (05.08.2003)

(71, 72) ZWEIG, Stepen, Eliot [US/US]; 224 Vista de Sierra, Los Gatos, CA 95030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) G01L

(11) WO 2004/097358 (13) A2

(21) PCT/EP2004/004163

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 03010005.1 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN TRANSMEMBRANE SERINE PROTEASE 2 (TMPRSS2)

• AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES DESTINES A DES MALADIES ASSOCIEES A LA SERINE PROTEASE 2 TRANSMEMBRANAIRE HUMAINE (TMPRSS2)

(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]; Schuckertstrasse 29, 42113 Wuppertal (DE). POLEJ, Stefanie [DE/DE]; Feldstrasse 10, 78315 Radolfzell (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01L 3/10, 3/14

(11) WO 2004/097359 (13) A1

(21) PCT/IB2003/002287

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MONITORING OF LOAD IN A GEAR UNIT

• CONTROLE DE LA CHARGE DANS UNE UNITE D'ENGRENAGES

(71) HANSEN TRANSMISSIONS INTERNATIONAL NV [BE/BE]; Leonardo da Vincilaan 1, B-2650 Edegem (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLAMANG, Peter [BE/BE]; Hansen Transmissions International NV, Leonardo Da Vincilaan 1, B-2650 Edegem (BE).

(74) BADGER, John, Raymond; Invensys Intellectual Property, Knights House, 2 Parade, Sutton Coldfield B75 1PH (GB).

(81) AE AG AL 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 G01L 5/16
- (11) WO 2004/097360 (13) A1
- (21) PCT/JP2004/005387
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) ja (26) ja
- (30) 2003-123243 28 Apr/avr 2003 JP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FORCE-DETECTING DEVICE
• DISPOSITIF DE DETECTION DE
FORCE
- (71) WACOH CORPORATION [JP/JP];
73, Sugaya 4-chome, Ageo-shi, Saitama
362-0003 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) OKADA, Kazuhiro [JP/JP]; 73, Sugaya
4-chome, Ageo-shi, Saitama 362-0003 (JP).
- (74) SHIMURA, Hiroshi; Belle Sierra Bldg.,
6-1, Minamikamata 2-chome, Ota-ku, Tokyo
144-0035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 19/04
- (11) WO 2004/097361 (13) A1
- (21) PCT/EP2004/004576
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) de (26) de
- (30) 10319417.7 29 Apr/avr 2003 DE
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TEMPERATURE-COMPENSATED
PRESSURE GAUGE
• CAPTEUR DE PRESSION A COMPEN-
SATION DE TEMPERATURE
- (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) MUTH, Stefan [DE/DE]; Danziger
Strasse 13, 79650 Schopfheim (DE).
BECHER, Raimund [DE/DE]; Kirchhofen-
erstrasse 10b, 79238 Ehrenkirchen (DE).
- (74) ANDRES, Angelika; Endress + Hauser (DE)
Holding GmbH, PatServe, 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).

(51)⁷ G01M 3/12

- (11) WO 2004/097362 (13) A1
- (21) PCT/AT2004/000143
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) de (26) de
- (30) A 657/2003 29 Apr/avr 2003 AT
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR TESTING THE IMPER-
MEABILITY OF COMPONENTS THAT
CONTAIN CAVITIES
• PROCEDE POUR CONTROLER
L'ETANCHEITE DE COMPOSANTS
COMPORTANT DES CAVITES
- (71) FISCHER ADVANCED COMPOSITE
COMPONENTS AG [AT/AT]; Fischer-
strasse 9, A-4910 Ried im Innkreis (AT).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HÖLLER, Helmuth [AT/AT]; Pehring
3, A-4720 Kallham (AT). STEPHAN, Wal-
ter, A. [AT/AT]; Diesseits 233, A-4973 St.
Martin (AT).
- (74) SONN & PARTNER; Riemergasse 14,
A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (72, 75) HÖLLER, Helmuth [AT/AT]; Pehring
3, A-4720 Kallham (AT). STEPHAN, Wal-
ter, A. [AT/AT]; Diesseits 233, A-4973 St.
Martin (AT).
- (74) SONN & PARTNER; Riemergasse 14,
A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 G01M 3/20
- (11) WO 2004/097363 (13) A2
- (21) PCT/EP2004/003789
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 19 633.1 2 May/mai 2003 DE
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • LEAK DETECTOR
• APPAREIL DE DETECTION DE
FUITES
- (71) INFICON GMBH [DE/DE]; Bonner Strasse
498, 50968 Köln (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BÖHM, Thomas [DE/DE]; Lahnstrasse
57, 50859 Köln (DE). DÖBLER, Ulrich
[DE/DE]; Dorthof 4a, 42929 Wermel-
skirchen (DE). HIRCHE, Ralf [DE/DE];
Mudersbacher Strasse 101, 51109 Köln
(DE). GROBE BLEY, Werner [DE/DE];
Köhlstrasse 5, 53125 Bonn (DE).
- (74) SELTING, Günther et al. / etc.; Deich-
mannhaus am Dom, Bahnhofsvorplatz 1,
50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 13/02
- (11) WO 2004/097364 (13) A1
- (21) PCT/DE2004/000888
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) de (26) de
- (30) 103 19 734.6 30 Apr/avr 2003 DE
(30.04.2003)
- (30) 103 26 494.9 10 Jun/juin 2003 DE
(10.06.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND DEVICE FOR PER-
FORMING FUNCTIONAL CHECKS
ON TEST OBJECTS
• PROCEDE ET DISPOSITIF DE VERI-
FICATION DU FONCTIONNEMENT
D'OBJETS A CONTROLER
- (71, 72) JAGGO, Thomas [DE/DE]; Dona-
strasse 1, 93161 Sinzing (DE).
- (74) BENNINGER, Johannes; Bismarckplatz 9,
93047 Regensburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N

(11) WO 2004/097365 (13) A2

(21) PCT/IB2004/001317

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 60/466,462 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD AND SYSTEM FOR MEASURING LACTATE LEVELS IN VIVO
• METHODE ET SYSTEME POUR MESURER LA CONCENTRATION DE LACTATE IN VIVO

(71) MCGILL UNIVERSITY [CA/CA]; 845 Sherbrooke Street West, Montreal, Québec H3A 2T5 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURNS, David, H. [US/CA]; 4753 St-André Street, Montreal, Québec H2J 2Z9 (CA). LAFRANCE, Denis [CA/CA]; 1406 de l'Everest, Montreal, Québec H4R 2R3 (CA). LANDS, Larry [CA/CA]; 68 Cleve Road, Montreal, Québec H3X 1A6 (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 G01N

(11) WO 2004/097366 (13) A2

(21) PCT/JP2004/006160

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-123984 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR DETECTING PROTEIN CRYSTAL, APPARATUS FOR DETECTING PROTEIN CRYSTAL AND

PROGRAM FOR DETECTING PROTEIN CRYSTAL

- PROCEDE, APPAREIL ET PROGRAMME DE DETECTION DE CRISTAUX DE PROTEINES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (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) MATSUZAKI, HirofumiMIYATAKE, HideyukiKIM, Seong HoonMIKI, Kunio

(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 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 G01N

(11) WO 2004/097367 (13) A2

(21) PCT/US2004/010356

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/426,169 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • CHROMOGENIC SUBSTRATE WITH A PH INDICATOR DYE
• SUBSTRAT CHROMOGÈNE MUNI D'UN COLORANT INDICATEUR DE PH

(71) NEOGEN CORPORATION [US/US]; 620 Leshar Place, Lansing, MI 48912 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) MAYER, Brent, A.; 2412 English Station Drive, Lexington, KY 40505 (US).

(74) McLEOD, Ian, C.; McLeod & Moyne, P.C., 2190 Commons Parkway, Okemos, MI 48864 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 2004/097368 (13) A2

(21) PCT/US2004/011843

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/466,358 28 Apr/avr 2003 US (28.04.2003)

(30) 60/536,913 16 Jan/jan 2004 US (16.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • IMPROVED IMMUNOASSAYS
• DOSAGES IMMUNOLOGIQUES AMÉLIORÉS

(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) YIP, Tai-Tung [US/US]; 1532 Aster Court, Cupertino, CA 95014 (US). FUNG, Eric, Thomas [US/US]; 440 Whisman Park Drive, Mountain View, CA 94043 (US).

(74) ELDERKIN, Dianne, B. et al. / etc.; Woodcock Washburn, LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097369 (13) A2

(21) PCT/US2004/012520

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/466,006 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FRAGMENTATION-BASED METHODS AND SYSTEMS FOR DE NOVO SEQUENCING
• PROCEDES ET SYSTEMES DE FRAGMENTATION ET SYSTEMES DE SEQUENÇAGE <I>DE NOVO</I>

(63) US 60/466,006 (CON) 25 Apr/avr 2003 (25.04.2003)

(71) SEQUENOM, INC. [US/US]; 3595 John Hopkins Court, San Diego, CA 92121-1331 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BOECKER, Sebastian** [DE/DE]; Ravensbergerstr. 52, D-33602 Bielefeld (DE).

(72, 75) **VAN DEN BOOM, Dirk** [DE/US]; 385 Nautilus Street, La Jolla, CA 92037 (US).

(74) **SEIDMAN, Stephanie, L.** et al. / etc.; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (q2)

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N

(11) **WO 2004/097370** (13) A2

(21) PCT/US2004/012614

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) PCT/US03/13181 **25 Apr/avr 2003 (25.04.2003)** US

(30) 10/799,000 **11 Mar/mar 2004 (11.03.2004)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEMS AND METHODS FOR MONITORING CHEMICAL AND BIOLOGICAL ACTIVITIES USING DIFFERENTIAL MEASUREMENTS

• SYSTEMES ET PROCEDES DE SUIVI D'ACTIVITES CHIMIQUES ET BIOLOGIQUES A L'AIDE DE MESURES DIFFERENTIELLES

(71) **PROMETHEUS BIOSCIENCES, INC.** [US/US]; 120 West Edith Avenue, Los Altos, CA 94022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEFTI, John, J.** [US/US]; 2636 Fulton Street, San Francisco, CA 94118 (US). **DRAKO, Dean, M.** [US/US]; 320 Jane Drive, Woodside, CA 94062 (US).

(74) **PERRY, Clifford, B.**; 449 Santa Fe Drive, #312, Encinitas, CA 92024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097371** (13) A2

(21) PCT/US2004/012916

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 60/465,336 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR THE DETECTION OF ANALYTES

• SYSTEME ET PROCEDE DE DETECTION D'ANALYTES

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Matthew, J. WILLSON, Grant, C.** [US/US]; 4 Downie Place, Austin, TX 78746 (US).

(74) **MEYERTONS, Eric, B.**; Meyertons, Hood, Kilvin, 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 G01N

(11) **WO 2004/097372** (13) A2

(21) PCT/US2004/013248

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/466,529 **28 Apr/avr 2003 (28.04.2003)** US

(30) 60/495,449 **15 Aug/août 2003 (15.08.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELEMENT-CODED AFFINITY TAGS

• MARQUEURS D'AFFINITE CODES PAR ELEMENTS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer, 1111 Franklin Street, 12th Floor, Oakland, California 94607-5200 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEARES, Claude F.** [US/US]; 421 Encina Avenue, Davis, California 95616 (US). **WHETSTONE, Paul A.** [US/US]; 1280 Olive Drive, #233, Davis, California 95616 (US). **CORNEILLIE, Todd M.** [US/US]; 5231 Glide Drive, Davis, California 95616 (US). **BUTLIN, Nathaniel G.** [US/US]; 2410 E. 8th Street, Davis, California 95616 (US).

(74) **FANG, Carol A.** 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N

(11) **WO 2004/097373** (13) A2

(21) PCT/US2004/013364

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/465,949 **28 Apr/avr 2003 (28.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERMOELECTRIC BIOSENSOR FOR ANALYTES IN A GAS

• BIODETECTEUR THERMOELECTRIQUE POUR ANALYTES DANS UN GAZ

(71) **ARIZONA BOARD OF REGENTS, acting for and on behalf of ARIZONA STATE UNIVERSITY** [US/US]; The Brickyard, 699 South Mill Avenue, Suite 601, Room 691AA, Tempe, AZ 85281 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **AHMAD, Lubna**; 4193 West Ivanhoe Court, Chandler, AZ 85226 (US). **GUILBEAU, Eric, J.**; 1453 East Los Anboles Drive, Tempe, AZ 85284 (US).

(74) **LUTHER, Barbara, J.**; Quarles & Brady Streich Lang LLP, One Renaissance Center, Two North Central, Phoenix, AZ 85004-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/06, B26D 7/08
(11) WO 2004/097374 (13) A1
(21) PCT/CH2004/000256
(22) 28 Apr/avr 2004 (28.04.2004)
(25) de (26) de
(30) 771/03 2 May/mai 2003 CH
(02.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • HOLDER PROVIDED WITH AN OSCILLATORY MOVABLE ULTRAMICROTOM CUTTER
• SUPPORT EQUIPE D'UN COUTEAU D'ULTRAMICROTOME POUVANT ETRE ANIME D'UN MOUVEMENT OSCILLATOIRE
- (71) ANTON MEYER & CO. AG [CH/CH]; Helmstrasse 1, CH-2560 Nidau (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STUDER, Daniel [CH/CH]; Rebenweg 27, CH-3293 Dotzigen (CH).
- (74) CLERC, Natalia; 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 G01N 1/10
(11) WO 2004/097375 (13) A2
(21) PCT/FR2004/000983
(22) 22 Apr/avr 2004 (22.04.2004)
(25) fr (26) fr
(30) 03/05293 29 Apr/avr 2003 FR
(29.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD AND DEVICE FOR DRAWING OFF LIQUID IN PARTICULAR TRANSFORMER OIL
• PROCEDE ET DISPOSITIF DE SOUTIRAGE DE LIQUIDE ET EN PARTICULIER D'HUILE DE TRANSFORMATEUR

- (71) MANUFACTURE D'APPAREILLAGE ELECTRIQUE DE CAHORS [FR/FR]; Z.I. de Regourd, Boîte postale 149, F-46003 Cahors Cedex 9 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOURRIERES, Philippe [FR/FR]; 38, rue Bérally, F-46090 Pradines (FR).
- (74) PONTET, Allano & Associés S.E.L.A.R.L.; 6, avenue du Général de Gaulle, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/22, 25/14, 33/46
(11) WO 2004/097376 (13) A1
(21) PCT/GB2004/001849
(22) 29 Apr/avr 2004 (29.04.2004)
(25) en (26) en
(30) 0309824.1 30 Apr/avr 2003 GB
(30.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD AND APPARATUS FOR DETECTION OF TRACE VOLATILES
• PROCEDE ET DISPOSITIF DE DETECTION DE MATIERES VOLATILES A L'ETAT DE TRACES
- (71) PETER COX LIMITED [GB/GB]; Heritage House, 234 High Street, Sutton, Surrey SM1 1NX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAREHAM, Peter, Darren [GB/GB]; 122 Western Lane, Buxworth, High Peak, Derbyshire SK23 7NS (GB). PERSAUD, Krishna, Chandra [GB/GB]; 26 Wilmslow Road, Cheshire SK8 1NE (GB).
- (74) HARRISON GODDARD FOOTE; Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N 1/30, 33/52, C12Q 1/04
(11) WO 2004/097377 (13) A1
(21) PCT/FR2004/050167
(22) 22 Apr/avr 2004 (22.04.2004)
(25) fr (26) fr
(30) 03 04958 23 Apr/avr 2003 FR
(23.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD FOR PRODUCTION OF A CELL STAIN REAGENT AND REAGENT THUS OBTAINED
• PROCEDE DE PREPARATION D'UN REACTIF DE COLORATION DE CELLULES ET REACTIF OBTENU
- (71) REACTIF R.A.L. [FR/FR]; 3 rue de l'Arrivée, F-75749 PARIS CEDEX 15 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAGIRAL, Rodolphe Louis Guy [FR/FR]; 47 avenue Fernand Granet, F-33140 VILLENAVE D'ORNON (FR).
- (74) POUCHUCQ, Bernard; Société AQUINOV, 12 rue Condorcet, F-33150 CENON (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 all designations / pour toutes les désignations
(u) for / pour US only / seulement
-
- (51)⁷ G01N 1/32, H01J 37/20
(11) WO 2004/097378 (13) A1
(21) PCT/EP2004/004402
(22) 26 Apr/avr 2004 (26.04.2004)
(25) en (26) en
(30) 03009558.2 28 Apr/avr 2003 EP
(28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • APPARATUS AND METHOD FOR INSPECTING A SAMPLE OF A SPECIMEN BY MEANS OF AN ELECTRON BEAM
• APPAREIL ET PROCEDE PERMETTANT D'INSPECTER UN ECHANTILLON D'UN SPECIMEN AU MOYEN D'UN FAISCEAU ELECTRONIQUE

(71) **ICT, INTEGRATED CIRCUIT TESTING GESELLSCHAFT FÜR HALBLEITER-PRÜFTECHNIK MBH** [DE/DE]; Ammerthalstr. 20a, 85551 Heimstetten (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FEUERBAUM, Hans-Peter** [DE/DE]; Arno-Assmann Strasse 14, 81739 Munich (DE).

(74) **ZIMMERMANN, Gerd et al.** / etc.; Zimmermann & Partner, P.O. Box 330 920, 80069 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/05, H01M 8/02, 8/04**

(11) **WO 2004/097379** (13) A1

(21) PCT/JP2004/005736

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) ja (26) ja

(30) 2003-123048 **28 Apr/avr 2003** JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONCENTRATION MEASURING OPTICAL MEMBER AND CONCENTRATION MEASURING UNIT EQUIPPED WITH THIS OPTICAL MEMBER AND FUEL CELL
• ELEMENT OPTIQUE DE MESURE DE CONCENTRATION ET UNITE DE MESURE DE CONCENTRATION EQUIPEE DE CET ELEMENT ET D'UNE PILE A COMBUSTIBLE

(71) **ALPS ELECTRIC CO. LTD.** [JP/JP]; 1-7, Yukigaya-Otsukacho, Ota-ku, Tokyo, 1458501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARASAWA, Ryu** [JP/JP]; c/o ALPS ELECTRIC CO., LTD, 1-7, Yukigaya-Otsukacho, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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, B01L 3/00**

(11) **WO 2004/097380** (13) A1

(21) PCT/FR2004/050162

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) fr (26) fr

(30) 03/50124 **23 Apr/avr 2003** FR
(23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIOCHIP WITH INDEPENDENT RECOGNITION AREAS AND OPTICAL FORMAT AND FLOAT SCANNING THEREOF

• BIOPUCE A ZONES DE RECONNAISSANCE ET FORMAT OPTIQUE INDEPENDANTS ET SA LECTURE FLOT-TANTE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris 15ème (FR). **BIOMERIEUX SA** [FR/FR]; Chemin de l'Orme, F-69280 Marcy l'Etoile (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POUTEAU, Patrick** [FR/FR]; 10, allée Château Corbeau, F-38240 Meylan (FR). **BEC, Daniel** [FR/FR]; 32, rue de Gascogne, F-31270 Villeneuve-Tolosane (FR). **LE BRUN, Stéphane** [FR/FR]; 10, rue du 14 juillet, F-31390 Carbonne (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 21/35, 21/05**

(11) **WO 2004/097381** (13) A1

(21) PCT/DE2004/000410

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) de (26) de

(30) 103 19 186.0 **29 Apr/avr 2003** DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GAS SENSOR FOR A MOTOR VEHICLE AIR-CONDITIONING UNIT

• CAPTEUR DE GAZ DESTINE NOTAMMENT A UNE INSTALLATION DE CLIMATISATION 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) **SPERLICH, Thomas** [DE/DE]; Max-Eyth-Strasse 235/10, 72776 Reutlingen (DE). **LUBIK, Hans** [DE/DE]; Grabenaecker 5, 72411 Bodelshausen (DE). **LUDWIG, Ronny** [DE/DE]; Kastanienweg 38, 72770 Reutlingen (DE). **ARNDT, Michael** [DE/DE]; Memminger Strasse 53, 72762 Reutlingen (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 DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 21/35, A61N 5/06, A61B 5/00, G02F 1/35**

(11) **WO 2004/097382** (13) A1

(21) PCT/EP2004/050670

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) fr (26) fr

(30) 0305371 **30 Apr/avr 2003** FR
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TERAHERTZ EMISSION SOURCE AND OPTICAL SYSTEM COMPRISING ONE SUCH SOURCE

• SOURCE D'EMISSION TERAHERTZ ET SYSTEME OPTIQUE COMPRENANT UNE TELLE SOURCE

(71) **THALES** [FR/FR]; 45, rue de Villiers, F-92200 Neuilly sur seine (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POCHOLLE, Jean-Paul** [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). **DOLFI, Daniel** [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(74) **ESSELIN, Sophie et al.** / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil (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 G01N 21/57, G01B 11/30

(11) WO 2004/097383 (13) A1

(21) PCT/GB2004/001634

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0309690.6 29 Apr/avr 2003 GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEASURING A SURFACE CHARACTERISTIC

• MESURE D'UNE CARACTERISTIQUE DE SURFACE

(71) SURFOPTIC LIMITED [GB/GB]; Tregears, Little Treviscoe, St Austell, Cornwall PL26 7QL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELTON, Nick [GB/GB]; Tregears, Little Treviscoe, St Austell, Cornwall PL26 7QL (GB). DAY, John [GB/GB]; 24 Wrington Lane, Congresbury, Biston BS49 5BQ (GB).

(74) NEWSTEAD, Michael, John; Page Hargrave, Southgate, Whitefriars, Lewins Mead, Bristol BS1 2NT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01N 21/65, G01J 3/44

(11) WO 2004/097384 (13) A1

(21) PCT/GB2004/001788

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309491.9 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOLECULAR DETECTOR ARRANGEMENT

• ENSEMBLE DETECTEUR MOLECULAIRE

(71) E2V TECHNOLOGIES LIMITED [GB/GB]; 106 Waterhouse Lane, Chelmsford, Essex CM1 2QU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLEN, Brian, Philip [GB/GB]; 30 Church Lane, Toppesfield, Essex CO9 4DS (GB). ZHOU, Xiao-Feng [GB/GB]; 53 Barlows Reach, Chelmsford, Essex CM2 6SN (GB). GILBERT, Richard [GB/GB]; 3 Riverbank Court, Shrublands Close, Chelmsford, Essex CM2 6WY (GB).

(74) LOVELESS, Ian, Mark; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/91

(11) WO 2004/097385 (13) A1

(21) PCT/DE2004/000891

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 203 06 789.4 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MANUAL LAMP, ESPECIALLY FOR MAGNETIC CRACK TESTING

• LAMPE MANUELLE, EN PARTICULIER POUR LA DETECTION MAGNETIQUE DE FISSURES

(71) TIEDE GMBH & CO RISSPRÜFANLAGEN [DE/DE]; Bahnhofstr. 94-98, 73457 Eslingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANNIGHÖFER, Rolf [DE/DE]; Pappelweg 1, 73463 Westhausen (DE). TOMASCHKO, Sigmar [DE/DE]; Westpreussenstr. 20, 73431 Aalen (DE). VETTERLEIN, Thomas [DE/DE]; Starkenburggring 11, 63069 Offenbach (DE).

(74) NEIDL-STIPPLER, Cornelia; Rauchstr. 2, 81679 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 23/04, H05G 1/60, A61B 6/03

(11) WO 2004/097386 (13) A1

(21) PCT/GB2004/001729

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309387.9 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTROL MEANS FOR HEAT LOAD IN X-RAY SCANNING APPARATUS

• MOYENS DE REGULATION DE LA CHARGE THERMIQUE DANS UN APPAREIL DE BALAYAGE A RAYONS X

(71) CRX LIMITED [GB/GB]; Unit 5, Riverside Business Centre, Walnut Tree Close, Guildford GU1 4UG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORTON, Edward, James [GB/GB]; 37 Banders Rise, Guildford, Surrey GU1 2SL (GB). LUGGAR, Russell, David [GB/GB]; 17 Dene Street Gardens, Dorking, Surrey RH4 2DN (GB). DE ANTONIS, Paul [GB/GB]; 3 Vale Drive, Horsham, West Sussex RH12 2JU (GB).

(74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 24/00

(11) WO 2004/097387 (13) A2

(21) PCT/US2004/012858

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,551 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIXON TECHNIQUES IN SPIRAL TRAJECTORIES WITH OFF-RESONANCE CORRECTION

• TECHNIQUES DE DIXON DANS DES TRAJECTOIRES EN SPIRALE A CORRECTION DE NON RESONANCE

(71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106-7219 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIGUCHI, Hisamoto** [JP/US]; 11457 Mayfield Road 1257, Cleveland, OH 44106 (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).

(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 G01N 25/18

(11) **WO 2004/097388** (13) A1

(21) PCT/GB2004/001810

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 0309656.7 **29 Apr/avr 2003** GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROBE FOR MEASURING THERMAL AND HYDRAULIC PROPERTIES
• SONDE POUR MESURER DES PROPRIÉTÉS THERMIQUES ET HYDRAULIQUES

(71, 72) **MCBURNEY, Terence** [GB/GB]; Victoria Cottage, Canon Frome, Ledbury HR8 2TG (GB).

(74) **MARKS & CLERK**; 27 Imperial Square, Cheltenham, Gloucestershire GL50 1RQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 25/72

(11) **WO 2004/097389** (13) A2

(21) PCT/GB2004/001778

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 0309479.4 **25 Apr/avr 2003** GB
(25.04.2003)

(30) 0310334.8 **6 May/mai 2003** GB
(06.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THERMAL IMAGING SYSTEM AND METHOD
• SYSTÈME ET PROCÉDE D'IMAGERIE THERMIQUE

(71) **LAND INSTRUMENTS INTERNATIONAL LIMITED** [GB/GB]; Wreakes Lane, Dronfield, Sheffield S18 6DJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIDLEY, Ian, Hamilton** [GB/GB]; 51 Chantrey Road, Sheffield S8 8QU (GB). **MELLOR, Andrew** [GB/GB]; 21 Stonely Brook, Ravenfield, Rotherham S65 4QY (GB). **CHAMBERLAIN, Gary, Roy** [GB/GB]; 193 Southview Road, Sheffield S7 1DE (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 27/00

(11) **WO 2004/097390** (13) A1

(21) PCT/EP2004/004401

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 103 18 956.4 **26 Apr/avr 2003** DE
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR DETECTING VOLATILE ANALYTES IN AIR SAMPLES
• METHODE ET DISPOSITIF POUR DETECTER DES ANALYTES VOLATILS DANS DES ÉCHANTILLONS D'AIR

(71) **KANESHO SOIL TREATMENT BVBA** [BE/BE]; Boulevard de la Wolluwe 60, B-1200 Brüssel (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBER, Reiner** [DE/DE]; Im Schlittweg 20, 67136 Fussgönheim (DE). **CHRISTEN, Thomas** [DE/DE]; Im Brühl 58, 67125 Dannstadt (DE). **PROBECK, Erich** [DE/DE]; Burgunderstrasse 18, 67278 Bockenheim (DE). **BARGON, Joachim** [DE/DE]; Im Hohn 2, 53177 Bonn (DE). **VÖGTLE, Fritz** [DE/DE]; An der Asbach 10, 53347 Alfter-Impekoven (DE). **HORNER, Gerhard** [DE/DE]; Geltinger Strasse 19b, 82515 Wolfratshausen (DE).

(74) **MÜLLER, J., Uwe**; Reittstötter, 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).

(51)⁷ G01N 27/00, G01R 29/08

(11) **WO 2004/097391** (13) A1

(21) PCT/RU2004/000161

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) ru (26) ru

(30) 2003112482 **29 Apr/avr 2003** RU
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR RADIOGRAPHING OBJECTS AND MEDIA ON LONGITUDINAL ELECTRIC WAVES
• PROCÉDE ET DISPOSITIF POUR "RADIOGRAPHIER" LES OBJETS ET MILIEUX EN UTILISANT DES ONDES ÉLECTRIQUES LONGITUDINALES

(71, 72) **ERMOLAEV, Yury Mikhailovich** [RU/RU]; proezd Desantnikov, 3-201, Fryazino, Moskovskaya obl., 141195 (RU). **KOVALEV, Alexsei Vasilevich** [RU/RU]; ul. Chelyabinskaya, 11-1-41, Moscow, 105568 (RU). **XNYKOV, Yury Alexseevich** [RU/RU]; ul. Svobody, 6/3-17, Moscow, 125362 (RU). **KOVALEV, Dmitry Alexseevich** [RU/RU]; ul. Chelyabinskaya, 11-1-41, Moscow, 105568 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 27/04, F01N 11/00

(11) WO 2004/097392 (13) A1

(21) PCT/DE2004/000677

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 19 664.1 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SENSOR FOR DETECTING PARTICLES

• CAPTEUR POUR DETECTER DES PARTICULES

(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) BERGER, Joachim [DE/DE]; Falkenstr. 11, 73650 Winterbach (DE). STROHMAIER, Rainer [DE/DE]; Schopenhauerstr. 5 B, 70565 Stuttgart (DE). HEIMANN, Detlef [DE/DE]; Untere Bergstr. 2, 70839 Gerlingen (DE). BREUER, Norbert [DE/DE]; Johann-Sebastian-Bach-Strasse 11, 71254 Ditzingen (DE). WIRTH, Ralf [DE/DE]; Gerlinger Strasse 132, 71229 Leonberg (DE). REINHART, Karl-Franz [DE/DE]; Schlesienstr. 32, 74189 Weinsberg (DE). SCHMIDT, Ralf [DE/DE]; Bruhweg 12, 70839 Gerlingen (DE). BAUER, Walter [DE/DE]; Schlenhenweg 5, 71735 Eberdingen (DE). BALDENHOFER, Kai [DE/DE]; Gausstr. 17, 70193 Stuttgart (DE). KAMP, Bernhard [DE/DE]; Beethovenstr. 50, 71640 Ludwigsburg (DE). GRAU, Thomas [DE/DE]; Baemlesfeld 7, 74535 Mainhardt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 27/327, 27/28, 33/48, 1/10

(11) WO 2004/097393 (13) A1

(21) PCT/JP2004/005994

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-124049 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FILTER AND BIOSENSOR HAVING THE SAME

• FILTRE ET BIOCAPTEUR COMPRENANT CELUI-CI

(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) HIRATSUKA, Atsunori EMOTO, Fumiaki MIYAJI, Toshiaki

(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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 G01N 27/64, H01J 49/40

(11) WO 2004/097394 (13) A1

(21) PCT/GB2004/001816

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309900.9 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PSEUDO-RANDOM BINARY SEQUENCE GATE-SWITCHING FOR SPECTROMETERS

• COMMUTATION DE PORTES A SEQUENCE BINAIRE PSEUDO-ALEATOIRE DESTINEE AUX SPECTROMETRES

(71) SMITHS GROUP PLC [GB/GB]; 765 Finchley Road, London NW11 8DS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FITZGERALD, John, Patrick [GB/GB]; 98 Langley Way, Watford, Hertfordshire WD17 3EE (GB). GRANT, Bruce, Alec, Colin [GB/GB]; 20 Clifton Road, Finchley, London N3 2AR (GB). POLYCHRONOPOULOS, Basil [GB/GB]; 141 Alexandra Avenue, Luton, Bedfordshire LU3 1HQ (GB).

(74) FLINT, Jonathan, McNeill; Smith Group PLC, 765 Finchley Road, London NW11 8DS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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 27/64

(11) WO 2004/097395 (13) A1

(21) PCT/JP2004/005363

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-124810 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MATRIX FOR MATRIX AIDED LASER DESORPTION IONIZATION MASS ANALYSIS

• MATRICE POUR L'ANALYSE DE MASSE PAR IONISATION PAR DESORPTION LASER ASSISTEE PAR MATRICE (MALDI)

(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) NAKAJIMA, Hideaki [JP/JP]; 2-13-1-5-203, Umezono, Tsukuba-shi, Ibaraki 3050045 (JP). TAKIGAWA, Hiroshi [JP/JP]; 2-2-28, Higashi, Tsukuba-shi, Ibaraki 3050046 (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 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 G01N 27/64

(11) WO 2004/097396 (13) A1

(21) PCT/US2004/012572

- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/464,977 24 Apr/avr 2003 US (24.04.2003)
- (30) 60/468,306 6 May/mai 2003 US (06.05.2003)
- (30) 10/462,206 13 Jun/juin 2003 US (13.06.2003)
- (30) 60/483,001 27 Jun/juin 2003 US (27.06.2003)
- (30) 60/491,443 31 Jul/juil 2003 US (31.07.2003)
- (30) 60/504,024 20 Sep/sep 2003 US (20.09.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • APPARATUS AND METHOD FOR CONTROLLING ION BEHAVIOR IN ION MOBILITY SPECTROMETRY
- APPAREIL ET PROCÉDE DE COMMANDE DU COMPORTEMENT DES IONS POUR SPECTROMÉTRIE DE MOBILITÉ IONIQUE
- (63) US 10/462,206 (CIP)
US 13 Jun/juin 2003 (13.06.2003)
US 60/464,977 (CIP)
US 24 Apr/avr 2003 (24.04.2003)
US 60/483,001 (CIP)
US 27 Jun/juin 2003 (27.06.2003)
US 60/504,024 (CIP)
US 20 Sep/sep 2003 (20.09.2003)
US 60/468,306 (CIP)
US 6 May/mai 2003 (06.05.2003)
US 60/491,443 (CIP)
US 31 Jul/juil 2003 (31.07.2003)
- (71) SIONEX CORPORATION [US/US]; 300 Second Avenue, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MILLER, Raanan, A. [US/US]; 25 Follen Street, Apt. 4, Boston, MA 02116 (US). MORRIS, C., James [US/US]; 33 Noon Hill Avenue, Norfolk, MA 02056 (US). NAZAROV, Erkinjon, G. [UZ/US]; 58 Emerson Gardens, Lexington, MA 02420 (US). CAMERON, Douglas, B. [US/US]; 15 Hampdon Street, Waltham, MA 02482 (US). WRIGHT, John, A. [US/US]; 41 Walnut Street, Apt. 15, Waltham, MA 02482 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 30/78
- (11) WO 2004/097398 (13) A1
- (21) PCT/EP2004/004483
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) de (26) de
- (30) 103 19 130.5 28 Apr/avr 2003 DE (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GAS CHROMATOGRAPH WITH A MASS SPECTROMETER SITUATED DOWN THEREFROM, AND METHOD FOR PERFORMING THE GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC ANALYSIS OF A SUBSTANCE MIXTURE
- CHROMATOGRAPHE EN PHASE GAZEUSE AVEC SPECTROMÈTRE DE MASSE MONTE EN AVAL ET PROCÉDE D'ANALYSE D'UN MÉLANGE DE SUBSTANCES PAR CHROMATOGRAPHIE EN PHASE GAZEUSE ET SPECTROMÉTRIE DE MASSE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIEDRICH, Frank [DE/DE]; Im Speitel 5, 76229 Karlsruhe (DE). MÜLLER, Friedhelm [DE/DE]; Bahnhofstr. 106, 76351 Linkenheim-Hochstetten (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 G01N 33/00
- (11) WO 2004/097399 (13) A2
- (21) PCT/FR2004/000883
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) fr (26) fr
- (30) 03/04949 23 Apr/avr 2003 FR (23.04.2003)
- (30) 03/04950 23 Apr/avr 2003 FR (23.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE AND METHOD FOR MEASURING THE CONCENTRATION OF A POLLUTANT IN GASEOUS EFFLUENTS
- DISPOSITIF ET PROCÉDE DE MESURE D'UNE CONCENTRATION DE POLLUANT DANS DES EFFLUENTS GAZEUX
- (71) RENAULT S.A.S. [FR/FR]; 13-15 Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRULEFER, Joël [FR/FR]; 6, rue de l'Orme des Herses, F-77170 Brie Comte Robert (FR).
- (74) HILLION, Didier; Renault Technocentre, See 0267 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/00, F01N 3/08, G01M 15/00

(11) WO 2004/097400 (13) A1

(21) PCT/GB2004/001832

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0309604.7 28 Apr/avr 2003 GB (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR ANALYSING PARTICULATES

• PROCEDE ET APPAREIL D'ANALYSE DE PARTICULES

(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TWIGG, Martyn, Vincent [GB/GB]; 108 Ermine Street, Caxton, Cambridge CB3 8PQ (GB).

(74) NUNN, Andrew, Dominic; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/00, G01P 1/02, G01D 7/00, G01R 33/00, G01B 15/00, C23C 14/34

(11) WO 2004/097401 (13) A1

(21) PCT/US2004/012292

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/465,190 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEMS AND METHODS FOR NON-CONTACT MEASURING SPUTTERING TARGET THICKNESS ULTRASONICS

• SYSTEMES ET PROCEDES DE MESURE SANS CONTACT D'EPaisseur DE CIBLE DE VAPORISATION PAR ULTRASON

(71) TOSOH SMD, INC. [US/US]; 3600 Gantz Road, Grove City, OH 43123 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEYBOVICH, Alexander [US/US]; 5283 Gillette Avenue, Hilliard, OH 43026 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/10

(11) WO 2004/097402 (13) A2

(21) PCT/EP2004/004534

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 814.8 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR LOCALIZING AND RESCUING PEOPLE THAT ARE BURIED ALIVE

• PROCEDE POUR LE REPERAGE ET LE SAUVETAGE DE PERSONNES ENSEVELIES

(71) HÖSSLER, Dietmar [DE/DE]; Arnold-Zweig-Strasse 24, 13189 Berlin (DE). MATTHE, Frank [DE/DE]; Conrad-Blenkle-Strasse 5c, 10407 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LEHMANN, Dirk [DE/DE]; Halbauer Weg 12, 12247 Berlin (DE).

(74) WEISSE, Renate et al. / etc.; Weisse & Wolgast, Bökenbuschstrasse 41, 42555 Velbert (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 the following designations / pour 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 the following designations / pour 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 G01N 33/15, 33/68, B01D 15/08

(11) WO 2004/097403 (13) A1

(21) PCT/IB2004/001785

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,488 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGAND PROFILING AND IDENTIFICATION

• DEFINITION ET IDENTIFICATION DE PROFILS

(71) SIGMOL, INC. [KR/KR]; Dept. Life Science, 116, Pohang Univ. of Sci. & Tech., San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk (KR). POSTECH FOUNDATION [KR/KR]; San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-484 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Taehoon [KR/KR]; Miz & Mom 6F, 6 Lot, 22 Block, Yi-Dong, Nam-Gu, Pohang, Kyungbuk 790-320 KWON, Joseph [KR/KR]; Miz & Mom 6F, 6 Lot, 22 Block, Yi-Dong, Nam-Gu, Pohang, Kyungbuk 790-320 (KR). BAEK, Moon, C. [KR/KR]; Signaling Proteome Lab., Postech Biotech Center, Postech, San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-484 (KR). KIM, Youngdong [KR/KR]; Signaling Proteome Lab., Postech Biotech Center, Postech, San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-784 (KR). LEE, Byoung, D. [KR/KR]; Signaling Proteome

- Lab., Postech Biotech Center, Postech, San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-784 (KR). **KIM, Jong, I.** [KR/KR]; PLSF, Postech Biotech Center, Postech, San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-784BAE, **Yoe-Sik** [KR/KR]; Woosung Apt. #103-2403, 571-3 Hakjang-Dong, Sasang-Gu, Busan, 617-842 (KR). **SUH, Pann-Ghill** [KR/KR]; Signaling Network Lab., Postech Biotech Center, Postech, San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-784 (KR). **RYU, Sung, Ho** [KR/KR]; Signaling Proteome Lab., Postech Biotech Center, Postech, San 31, Hyoja-Dong, Nam-Gu, Pohang, Kyungbuk 790-784 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/24
- (11) WO 2004/097404 (13) A1
- (21) PCT/FR2004/050169
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) fr (26) fr
- (30) 0305291 29 Apr/avr 2003 FR (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR DETERMINATION OF THE FORMATION FACTOR FOR A SUBTERRANEAN DEPOSIT FROM MEASUREMENTS ON DRILLING WASTE REMOVED THEREFROM
- MÉTHODE D'ÉVALUATION DU FACTEUR DE FORMATION D'UN GISEMENT SOUTERRAIN À PARTIR DE MESURES SUR DES DÉBRIS DE FORAGE QUI Y SONT PRÉLEVÉS
- (71) INSTITUT FRANCAIS DU PETROLE [FR/FR]; 1 et 4 avenue de Bois Préau, F-92852 Rueil-Malmaison cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LENORMAND, Roland [FR/FR]; 31 avenue Gabriel Péri, F-92500 Rueil-Malmaison (FR). **EGERMANN, Patrick** [FR/FR]; 6 avenue Alsace Lorraine, Bâtiment K, F-92500 Rueil-Malmaison (FR). **BEHOT, Joelle** [FR/FR]; 11bis rue de la Libération, F-95450 Condecourt (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 33/48
- (11) WO 2004/097406 (13) A2
- (21) PCT/EP2004/004683
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 03076252.0 29 Apr/avr 2003 EP (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • N⁺ AND/OR N⁻ DERIVATIZED, METAL AND ORGANIC PROTECTED L-HISTIDINE FOR COUPLING TO BIOMOLECULES FOR HIGHLY EFFICIENT LABELING WITH [M(OH)₂](CO₃)₂ BY FAC COORDINATION
- L-HISTIDINE PROTEGEE METALLIQUE ET ORGANIQUE DERIVEE DE N<SP>SG(E)</SP> ET/OU N<SP>SG(A)</SP>, POUR EPOUSER DES BIOMOLECULES POUR UN ETIQUETAGE HAUTEMENT EFFICACE AVEC [M(OH<SB>2</SB>)<SB>3</SB> (CO)<SB>3</SB>]<SP>+</SP> PAR COORDINATION <I>FAC</I>
- (71) UNIVERSITÄT ZÜRICH [CH/CH]; Rämistrasse 71, CH-8006 Zürich (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ALBERTO, Roger [CH/CH]; St. Georgenstrasse 54, CH-8400 Winterthur (CH). **PAK, Jaw, Kyoung** [KR/CH]; Raingaessli, CH-6340 Baar-Inwil (CH).
- (74) VAN SOMEREN, Petronella, Francisca, Hendrika, Maria; Arnold & Siedsma, Sweetenckplein 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 G01N 33/48, A61B 5/15
- (11) WO 2004/097407 (13) A1
- (21) PCT/JP2004/005689
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-122756 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • BLOOD COAGULATION PROMOTER AND BLOOD COLLECTION TUBE
- PROMOTEUR DE COAGULATION DU SANG ET TUBE DE COLLECTE DE SANG
- (71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5308565 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OKAMOTO, Ryusuke [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 4560, Kaiseicho, Shunan-shi, Yamaguchi 7460006 (JP). **TOGAWA, Katsuya** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 4560, Kaiseicho, Shunan-shi, Yamaguchi 7460006 (JP). **ISOAWA, Hironobu** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., Toranomon 2-chome, Tower, 2-3-17, Toranomon, Minato-ku, Tokyo 1058450 (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 G01N 33/48

(11) WO 2004/097408 (13) A1

(21) PCT/US2003/030146

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(30) 10/394,586 24 Mar/mar 2003 US (24.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRUG DISCOVERY METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE DECOUVERTE DE MEDICAMENTS

(71) NOVASCREEEN BIOSCIENCES CORPORATION [US/US]; 7170 Standard Drive, Hanover, MD 21076-1334 (US).

(72) CHEN, Hao; 5905 Oslo Court, Columbia, MD 21044 (US). MANYAK, David, M.; 12601 Folly Quarter Road, Ellicott City, MD 21042 (US). CARLSON, Peter, S.; 3600 Inverness Drive, Chevy Chase, MD 20815 (US). WANG, Fong, Liu; 11706 Rosalinda Drive, Potomac, MD 20854 (US). LIU, Ming; 14702 Yearling Terrace, Rockville, MD 20850 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Published / Publiée : (c)

(51)⁷ G01N 33/49

(11) WO 2004/097409 (13) A2

(21) PCT/US2004/012833

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/422,229 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEMOSTASIS ANALYZER AND METHOD

• ANALYSEUR ET TECHNIQUE D'HEMOSTASE

(71) HAEMOSCOPE CORPORATION [US/US]; 5693 West Howard Street, Niles, IL 60714 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAUTZKY, Hans [US/US]; 284 Church Street, West Chicago, IL 60185 (US).

(74) SITKO, Anthony, G.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 2004/097410 (13) A1

(21) PCT/IB2004/001353

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/466,720 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREENING METHODS FOR CATARACTOGENIC RISK

• METHODES DE DEPISTAGE DU RISQUE CATARACTOGENE

(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) SOMPS, Christopher, J. [US/US]; Pfizer Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr.; Pfizer Inc., P.O. Box 1027, St. Louis, MO 63006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/50, 33/15, C12Q 1/02, 1/68

(11) WO 2004/097411 (13) A1

(21) PCT/JP2004/005947

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-122464 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NOVEL SCREENING METHOD

• NOUVELLE METHODE DE CRI-BLAGE

(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410045 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Yasuaki [JP/JP]; 36-16, Sakuragaokamachi, Tsuchiura-shi, Ibaraki 3000832 (JP). FUJII, Ryo [JP/JP]; 33-16, Kasuga 2-chome, Tsukuba-shi, Ibaraki 3050821 (JP). KOBAYASHI, Makoto [JP/JP]; 5-5, Kasugadai 7-chome, Nishi-ku, Kobe-shi, Hyogo 6512276 (JP). HINUMA, Shuji [JP/JP]; 7-9-1402, Kasuga 1-chome, Tsukuba-shi, Ibaraki 3050821 (JP). HASHIMOTO, Tadatoshi [JP/JP]; 6-26-1301, Funakicho, Ibaraki-shi, Osaka 5670828 (JP). TANAKA, Yasuhiro [JP/JP]; 12-1-402, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 3050035 (JP).

(74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of Takeda Chemical Industries, Ltd. 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka 532-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 2004/097412 (13) A2

(21) PCT/US2004/012646

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,282 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DETECTION OF ANALYTES IN FECAL SAMPLES

• DETECTION DE SUBSTANCES A ANALYSER DANS DES ECHANTILLONS DE MATIERES FECALES

(63) US 10/424,282 (CON)
25 Apr/avr 2003 (25.04.2003)

(71) IDEXX LABORATORIES, INC. [US/US];
One IDEX Drive, Westbrook, ME 04092
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TONELLI, Quentin, J. [US/US]; 37
Wellington Road, Portland, ME 04103 (US).
GROAT, Randall, G. [US/US]; 74 Winn
Road, Falmouth, ME 04105 (US). MONN,
Michael, P. [US/US]; 13 Cornerstone Drive,
Falmouth, ME 04105 (US).

(74) HILLMAN, Lisa, M., W.; 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 33/53, 33/543

(11) WO 2004/097413 (13) A1

(21) PCT/EP2004/004553

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 572.6 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR DETERMINING THE
CONCENTRATION OF AN ANALYTE
• PROCEDE DE DETERMINATION DE
LA CONCENTRATION D'UN ANA-
LYTE

(71) KIST-EUROPE FORSCHUNGS-
GESELLSCHAFT MBH [DE/DE];
Stuhlsatzenhausweg 97, 66123 Saarbrücken
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PYUN, Jae-Chul [KR/DE]; Ensheimer
Strasse 209, 66386 St.Ingbert (DE). CHUNG,
Ji-Won [KR/DE]; Dürer Strasse 1, 66125
Dudweiler (DE). KIM, Sang-Doo [KR/DE];
Dürer Strasse 1, 66125 Dudweiler (DE).

(74) PFENNING, MEINIG & PARTNER
GBR; Mozartstrasse 17, 80336 München
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/53

(11) WO 2004/097414 (13) A1

(21) PCT/JP2004/005412

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-121955 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-433303 26 Dec/déc 2003 JP
(26.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MEASURING INSULIN
RECEPTOR α SUBUNIT
• PROCEDE DE MESURE DE
SOUS-UNITES α (A) DU RECEPTEUR
D'INSULINE

(71) MEDICAL AND BIOLOGICAL LAB-
ORATORIES CO. LTD. [JP/JP]; Sum-
itomo-shoji Marunouchi Bldg.5F, 5-10,
Marunouchi 3-chome, Naka-ku, Nagoya-shi,
Aichi, 4600002 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71, 72) EBINA, Yousuke [JP/JP]; 3-48, Kami-
fukuman, Hachiman-cho, Tokushima-shi,
Tokushima, 7708073 (JP). OBATA,
Toshiyuki [JP/JP]; 3-75-101, Shinhamma-cho
2-chome, Tokushima-shi, Tokushima,
7708006 (JP).

(72, 75) OKAMOTO, Eiji [JP/JP]; c/o MED-
ICAL AND BIOLOGICAL LABORATO-
RIES CO., LTD., 1063-103, Aza Oohara,
Ooaza Terasawaoka, Ina-shi, Nagano,
3960002 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu
Tsukuba Bldg. 6F 1-1-1, Oroshi-machi,
Tsuchiura-shi, Ibaraki, 3000847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 33/53, 37/00

(11) WO 2004/097415 (13) A1

(21) PCT/JP2004/005878

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-122514 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-363623 23 Oct/oct 2003 JP
(23.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIOCHIP AND BIOCHIP KIT, AND
METHOD OF PRODUCING THE SAME
AND METHOD OF USING THE SAME
• BIOPUCE ET KIT DE BIOPUCES ET
PROCEDE DE PRODUCTION ET PRO-
CEDE D'UTILISATION CORRESPON-
DANTS

(71) JSR CORPORATION [JP/JP]; 6-10, Tsuk-
iji 5-chome, Chuo-ku, Tokyo 1048410
(JP). OCTEC INC. [JP/JP]; 22-1, Wakaba
1-chome, Shinjuku-ku, Tokyo 1600011 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) OKUMURA, Katsuya [JP/JP]; c/o
OCTEC INC., 22-1, Wakaba 1-chome, Shin-
juku-ku, Tokyo 1600011 (JP). MIHARA,
Makoto [JP/JP]; c/o JSR CORPORATION,
6-10, Tsukiji 5-chome, Chuo-ku, Tokyo
1048410 (JP). YOSHIOKA, Mutsuhiko
[JP/JP]; c/o JSR CORPORATION, 6-10,
Tsukiji 5-chome, Chuo-ku, Tokyo 1048410
(JP).

(74) SUZUKI, Shunichiro; S. SUZUKI & AS-
SOCIATES, 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 PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 33/543, C12N 15/10, 9/10

(11) WO 2004/097416 (13) A1

(21) PCT/JP2004/006350

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003-127504 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MAGNETIC SUBSTANCE-BIOSUB-
STANCE COMPLEX STRUCTURE,
PEPTIDE FRAGMENT CAPABLE
OF LINKING TO MAGNETIC SUB-
STANCE AND GENE THEREFOR,
AND PROCESS FOR STRUCTURE

• STRUCTURE DE COMPLEXE DE SUB-
STANCE BIOLOGIQUE/SUBSTANCE
MAGNETIQUE, FRAGMENT PEPTI-
DIQUE CAPABLE DE SE LIER A UNE
SUBSTANCE MAGNETIQUE ET GENE
ASSOCIE, ET PROCEDE DE PRODUC-
TION D'UNE TELLE STRUCTURE

(71) CANON KABUSHIKI KAISHA [JP/JP];
3-30-2, Shimomaruko, Ohta-ku, Tokyo
1468501 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) IMAMURA, Takeshi [JP/JP]; c/o
CANON KABUSHIKI KAISHA, 3-30-2,

- Shimomaru, Ohta-ku, Tokyo 1468501 (JP). YANO, Tetsuya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo 1468501 (JP). NOMOTO, Tsuyoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo 1468501 (JP). KOZAKI, Shinya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo 1468501 (JP). HONMA, Tsutomu [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo 1468501 (JP). TSUCHITANI, Akiko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo 1468501 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/543
- (11) WO 2004/097418 (13) A1
- (21) PCT/KR2003/000896
- (22) 6 May/mai 2003 (06.05.2003)
- (25) ko (26) en
- (30) 10-2003-0026809 28 Apr/avr 2003 KR (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF DIAGNOSIS OF FOOT AND MOUTH DISEASE AND THE DIAGNOSTIC KIT
- METHODE PERMETTANT DE DIAGNOSTIQUER LA FIEVRE APHTEUSE ET TROUSSE DE DIAGNOSTIC
- (71) REPUBLIC OF KOREA (NATIONAL VETERINARY RESEARCH AND QUARANTINE SERVICE) [KR/KR]; 480 Anyang 6-dong, Manan-gu, Anyang-shi, Kyonggi-do 430-824 (KR). PRINCETON BIOMEDITECH EAST, INC. [KR/KR]; 5th Fl., Jungmin Bldg., 786-19, Yeoksam-Dong., Kangnam-Gu, Seoul 135-080 (KR). PRINCETON BIOMEDITECH CORPORATION [US/US]; P.O.Box 7139, Princeton, NJ 08543 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHO, In-Soo [KR/KR]; 902-405, Shindong-a Apt., Mokryunmaeul, Hoggye-dong, Dongan-gu, Anyang-shi, Kyunggi-do 431-080 (KR). HYUN, Bang-Hun [KR/KR]; 1703, Hyundai Tower Apt., 565 Cheonho 3-dong, Kangdong-gu, Seoul 134-023 (KR). LEE, Kwang-Nyeong [KR/KR]; 105-1510, Jugong Apt., Haan-dong, Kwangmyung-shi, Kyunggi-do 423-060 (KR). OEM, Jae-Ku [KR/KR]; 1401-102, Doksan Jugong 14 District Doksan-dong, Kumcheon-gu, Seoul 153-010 (KR). KYE, Soo-Jeong [KR/KR]; 103-1304, Byuksan Apt., Hangeun-dong, Seodaemun-gu, Seoul 120-100 (KR). KO, Young-Joon [KR/KR]; 206-602, Jugong Apt., 874 Dang-dong, Gunpo-shi, Kyunggi-do 435-010 (KR). KU, Bok-Kyung [KR/KR]; 105-203, Hanbo Eunvit Maeul Apt., Juyak-dong, Jinju-shi, Kyungsangnam-do 660-290 (KR). JOO, Yi-Seok [KR/KR]; 203, Secho Village, 1344-28 Secho-dong, Secho-gu, Seoul 137-070 (KR). AN, Soo-Hwan [KR/KR]; 103-609, Yoksam Lucky Apt., 967 Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). KIM, In-Joong [KR/KR]; 101-310, Samho Green Apt., Sadang 5-dong, Dongjak-gu, Seoul 156-095 (KR). KIM, Ok-Kyung [KR/KR]; 706, Ma-dong, Shinsamho Apt., Bangbae-dong, Secho-gu, Seoul 137-060 (KR). KIM, Hee-Jeong [KR/KR]; 133-602, Daewoo Grand World Apt., 1091 Hwagok 3-dong, Kangseo-gu, Seoul 157-926 (KR). JANG, Ki-Yong [KR/KR]; 101-102, Cheonggu Apt., Yugang-ri, Yeonil-eup, Nam-gu, Pohang-shi, Kyungsangbuk-do 790-885 (KR). SHIN, Nam-Kyu [KR/KR]; 201-704, Heeyoung Mujigae Apt., 389 Seonhak-dong, Yeonsu-gu, Incheon 406-090 (KR). HWANG, Suh-Ha [KR/KR]; 1243-9, Sa-dong, Ansan-shi, Kyunggi-do 425-170 (KR). KANG, Je-Mo [US/US]; 4915 Province Line Road, Princeton, NJ 08540 (US). KIM, Chang-Ho [KR/KR]; 1005-304, Hyundai Parkvill, 577 Kwangjang-dong, Kwangjin-gu, Seoul 143-815 (KR). KO, Song-Woo [KR/KR]; 718-103, Shinshigaji Apt., Mok-dong, Yangcheon-gu, Seoul 158-050 (KR).
- (74) HWANG, E-Nam; 507, New Seoul Bldg., 828-8 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU 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 G01N 33/543, 33/545, 33/551, C12P 7/62, C12N 11/00, C09D 167/04
- (11) WO 2004/097417 (13) A1
- (21) PCT/JP2004/006420
- (22) 6 May/mai 2004 (06.05.2004)
- (25) en (26) en
- (30) 2003-127363 2 May/mai 2003 JP (02.05.2003)
- (30) 2003-127508 2 May/mai 2003 JP (02.05.2003)
- (30) 2003-127592 2 May/mai 2003 JP (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • STRUCTURED CONSTRUCT AND PRODUCING METHOD THEREFOR
- CONSTRUCTION STRUCTUREE, ET PROCEDE DE PRODUCTION A CET EFFET
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaru, Ohta-ku, Tokyo, 1468501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IMAMURA, Takeshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo, 1468501 (JP). YANO, Tetsuya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo, 1468501 (JP). HONMA, Tsutomu [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo, 1468501 (JP). KOZAKI, Shinya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru, Ohta-ku, Tokyo, 1468501 (JP). NOMOTO, Tsuyoshi [JP/JP]; c/o CANON

- Ga-dong, Hongik Villa, 56-3, Sanggye-dong, Noweon-gu, Seoul 139-200 (KR).
- (74) **SUH, Jong Wan**; 7th Fl., New-Seoul Bldg., 828-8, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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)
- (u) for / pour US only / seulement
- (51)⁷ G01N 33/68, A61K 38/04, C07K 14/47, C12N 5/10
- (11) WO 2004/097420 (13) A1
- (21) PCT/DE2004/000861
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) de (26) de
- (30) 103 19 011.2 25 Apr/avr 2003 DE (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR THE DETECTION OF A NEUROLOGICAL DEMENTIA DISEASE ASSOCIATED WITH A LOSS OF SHORT OR LONG TERM MEMORY, CORRESPONDING PROSAAS PEPTIDE AND DETECTION REAGENTS
- PROCEDE POUR DEPISTER UNE MALADIE DEMENTIELLE NEUROLOGIQUE ASSOCIEE A UNE DEGRADATION DE LA MEMOIRE A COURT OU A LONG TERME, PEPTIDES DE PROSAAS ASSOCIES ET REACTIFS DE DEPISTAGE
- (71) BIOVISION AG [DE/DE]; Feodor-Lynen-Strasse 5, 30625 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZUCHT, Hans-Dieter [DE/DE]; Von-Escherte-Strasse 6, 30539 Hannover (DE). SELLE, Hartmut [DE/DE]; Eickenriede 15, 30459 Hannover (DE). LAMERZ, Jens [DE/DE]; Aegidiendamm 9, 30169 Hannover (DE). MÖHRING, Thomas [DE/DE]; Bahrenfelder Chaussee 106, 22761 Hamburg (DE). SCHRADER, Michael [DE/DE]; Breslauer Weg 8, 30966 Hemmingen (DE). JÜRGENS, Michael [DE/DE]; Willi-Blume-Allee 20, 30629 Hannover (DE). HEINE, Gabriele [DE/DE]; Willi-Blume-Allee 20, 30629 Hannover (DE). HESS, Rüdiger [DE/DE]; Bollnäser Strasse 2, 30629 Hannover (DE).
- (74) KRÖNCKE, Rolf; c/o Gramm, Lins & Partner GbR, Freundallee 13, 30173 Hannover (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01N 33/68, 33/74, 33/574
- (11) WO 2004/097422 (13) A2
- (21) PCT/EP2004/004102
- (22) 17 Apr/avr 2004 (17.04.2004)
- (25) en (26) en
- (30) 03009698.6 30 Apr/avr 2003 EP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH CALCITONIN RECEPTOR (CALCR)
- DIAGNOSTIC ET TRAITEMENT DE MALADIES ASSOCIEES AU RECEPTEUR DE LA CALCITONINE (CALCR)
- (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).
- (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, C07K 14/705
- (11) WO 2004/097421 (13) A2
- (21) PCT/EP2004/004034
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 03009592.1 29 Apr/avr 2003 EP (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH CALCITONIN RECEPTOR-LIKE RECEPTOR (CALCRL)
- DIAGNOSTICS ET TRAITEMENTS DESTINES A DES MALADIES ASSOCIEES AU RECEPTEUR DE TYPE RECEPTEUR CALCITONINE (CALCRL)
- (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).
- (74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01N 33/68
- (11) WO 2004/097423 (13) A1
- (21) PCT/EP2004/004342
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,484 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SECRETED POLYPEPTIDE SPECIES REDUCED CARDIOVASCULAR DISORDERS
- ESPECES DE POLYPEPTIDES SECRETES REDUITES DANS DES TROUBLES CARDIOVASCULAIRES
- (71) GENOVA LTD.; Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermudas (BM).
(for all designated States except / pour tous les États désignés sauf US)
- (71) NOVARTIS PHARMA GmbH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) BOUGUELERET, Lydie [FR/CH]; GeneProt, Inc., 2, Pre-de-la-Fontaine,

- CH-1217 Meyrin (CH). CUSIN, Isabelle [FR/CH]; GeneProt, Inc., 2, rue Pre-de-la-Fontaine, CH-1217 Meyrin (CH).
- (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).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/68
- (11) WO 2004/097424 (13) A1
- (21) PCT/EP2004/004350
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,369 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SECRETED POLYPEPTIDE SPECIES REDUCED IN CARDIOVASCULAR DISORDERS
- ESPECES POLYPEPTIDIQUES SECRÉTEES PRÉSENTES EN QUANTITÉ RÉDUITE EN CAS DE TROUBLES CARDIOVASCULAIRES
- (71) GENOVA LTD.; Canon's Court, 22 Victoria Street, Hamilton HM 12, Bermudas (BM). (for all designated States except / pour tous les États désignés sauf US)
- (71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). (only for / seulement pour AT)
- (72, 75) BOUGUELERET, Lydie [FR/CH]; c/o GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH). REFFAS, Samia [CH/CH]; c/o GeneProt, Inc., 2, pre-de-la-Fontaine, CH-1217 Meyrin (CH).
- (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).
- Published / Publiée : (c)

- (51)⁷ G01N 33/68, C07K 14/715, 7/06
- (11) WO 2004/097425 (13) A2
- (21) PCT/ES2004/000189
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) es (26) es
- (30) 60/466,428 30 Apr/avr 2003 US (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF SELECTING CHEMOKINE ANTAGONISTS AND AGONISTS
- PROCÉDE DESTINE A SÉLECTIONNER DES AGONISTES ET DES ANTAGONISTES DE CHIMIOKINES
- (71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; Serrano, 117, 28006 Madrid (ES). PHARMACIA SPAIN, S.A. [ES/ES]; Carretera de Rubí, 90-100, Sant Cugat del Vallés, 08190 Barcelona (ES). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MELLADO, Mario [ES/ES]; Martín de los Heros 23, 3 D-I, 28005 Madrid (ES). RODRIGUEZ FRADE, José, Miguel [ES/ES]; Chile 32, 1-12, 28016 Madrid (ES). MARTINEZ ALONSO, Carlos [ES/ES]; Valle de la Fuenfria 6, 28034 Madrid (ES).
- (74) ELZABURU, Alberto, de; Miguel Angel, 21, 28010 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 33/68, 33/50, C12Q 1/48
- (11) WO 2004/097426 (13) A2
- (21) PCT/GB2004/001712
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/467,395 1 May/mai 2003 US (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHODS AND MEANS FOR THE TREATMENT OF DISORDERS ASSOCIATED WITH CELLULAR SENESCENCE
- PROCÉDES ET MOYENS POUR LE TRAITEMENT DE TROUBLES ASSOCIÉS À LA SÉNESCENCE CELLULAIRE
- (71) KUDOS PHARMACEUTICALS LIMITED [GB/GB]; 327 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WG (GB).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) D'ADDA DI FAGAGNA, Fabrizio [IT/GB]; KuDOS Pharmaceuticals Limited, 327 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WG (GB). REAPER, Philip, Michael [GB/GB]; KuDOS Pharmaceuticals Limited, 327 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WG (GB). JACKSON, Stephen [GB/GB]; KuDOS Pharmaceuticals Limited, 327 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WG (GB).
- (74) SUTCLIFFE, Nicholas 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097427 (13) A1
- (21) PCT/GB2004/001786
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 0310208.4 2 May/mai 2003 GB (02.05.2003)
- (30) 0328143.3 4 Dec/déc 2003 GB (04.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHODS FOR PEPTIDE ANALYSIS USING MASS SPECTROMETRY
- METHODES D'ANALYSE DE PEPTIDE PAR SPECTROMÉTRIE DE MASSE
- (71) LUDWIG INSTITUTE FOR CANCER RESEARCH [CH/US]; 605 Third Avenue, 32nd and 33rd Floors, New York, NY 10158 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CRAMER, Rainer, Karl [DE/GB]; Ludwig Institute for Cancer Research, Cruciform Building, Gower Street, London, Greater London WC1E 6BT (GB). THOMPSON, Andrew, James [AU/GB]; Ludwig Institute for Cancer Research, Cruciform Building, Gower Street, London, Greater London WC1E 6BT (GB).
- (74) WYTENBURG, Wilhelmus 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/68

(11) WO 2004/097428 (13) A1

(21) PCT/GB2004/001828

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0310017.9 1 May/mai 2003 GB
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SCREENING METHOD FOR IDENTIFYING
HSP90 MODULATORS

• PROCEDE DE CRIBLAGE PERMETTANT
L'IDENTIFICATION DE MODULATEURS DE HSP90

(71) UNIVERSITY OF LIVERPOOL
[GB/GB]; Senate House, Abercromby
Square, Liverpool L69 3BX (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JENKINS, John [GB/GB]; The University
of Liverpool, Department of Physiology
and Medicine, Crown Street, Liverpool
L69 3BX (GB). GREENHALF, William
[GB/GB]; The University of Liverpool,
Department of Physiology and Medicine,
Crown Street, Liverpool L69 3BX (GB).
O'CONNOR, David, Ian [GB/GB]; 1
Greenbank Road, Newcastle-Under-Lyme,
Staffordshire ST5 0RT (GB).

(74) BANFORD, Clifford, Paul; 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/92

(11) WO 2004/097429 (13) A2

(21) PCT/US2004/013529

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,517 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APOCIII AND THE TREATMENT AND
DIAGNOSIS OF DIABETES

• APOCIII ET TRAITEMENT ET DIAGNOSTIC
DE DIABETE

(71) BIOSTRATUM, INC. [US/US]; 4620
Creekstone Drive, Suite 200, Durham, NC
27703 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BERGGREN, Per-Olof [SE/SE]; Villa
Poli, Sjövägen 32, S-16955 Solna (SE).

(74) HARPER, David, S.; McDonnell Bochenen
Hulbert & Berghoff LLP, 300 South Wacker
Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01P

(11) WO 2004/097430 (13) A2

(21) PCT/US2004/012900

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,126 28 Apr/avr 2003 US
(28.04.2003)(30) 10/462,541 16 Jun/juin 2003 US
(16.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICRO-MACHINED MULTI-SENSOR
PROVIDING 2-AXES OF ACCELERATION
SENSING AND 1-AXIS OF ANGULAR RATE
SENSING

• MULTI-CAPTEUR MICRO-USINE
FOURNISSANT 2-AXES DE CAPTEURS
D'ACCELERATION ET 1-AXE DE
CAPTEURS DE VITESSE ANGULAIRE

(71) ANALOG DEVICES, INC. [US/US]; P.O.
Box 9106, One Technology Way, Norwood,
MA 02062 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) GEEN, John, A.; 20 Pace Road, Tewksbury,
MA 01876 (US).

(74) LEOVICI, Victor, B. et al. / etc.; Wein-
garten, Schurgin, Gagnebin & Lebovici, LLP,
Ten Post Office Square, 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).

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 G01P

(11) WO 2004/097431 (13) A2

(21) PCT/US2004/012901

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,083 28 Apr/avr 2003 US
(28.04.2003)(30) 10/463,653 17 Jun/juin 2003 US
(17.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIX DEGREE-OF-FREEDOM MI-
CRO-MACHINED MULTI-SENSOR

• MULTI-CAPTEUR MICRO-USINE A
SIX DEGRES DE LIBERTE

(71) ANALOG DEVICES, INC. [US/US]; P.O.
Box 9106, One Technology Way, Norwood,
MA 02062-9106 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72) GEEN, John, A.; 20 Pace Road, Tewksbury,
MA 01876 (US).

(74) LEOVICI, Victor, B. et al. / etc.; Wein-
garten, Schurgin, Gagnebin & Lebovici, LLP,
Ten Post Office Square, 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 UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 G01P

(11) WO 2004/097432 (13) A2

(21) PCT/US2004/013111

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,090 28 Apr/avr 2003 US (28.04.2003)

(30) 10/462,542 16 Jun/juin 2003 US (16.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICRO-MACHINED MULTI-SENSOR PROVIDING 1-AXIS OF ACCELERATION SENSING AND 2-AXES OF ANGULAR RATE SENSING

• CAPTEURS MICRO-USINES A PLUSIEURS FONCTIONS COMPRENANT UN AXE DE DETECTION DE L'ACCELERATION ET 2 AXES DE DETECTION DE LA VITESSE ANGULAIRE

(71) ANALOG DEVICES, INC. [US/US]; P.O. Box 9106, One Technology Way, Norwood, MA 02062-9106 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) GEEN, John, A.; 20 Pace Road, Tewksbury, MA 01876 (US).

(74) LEOVICI, Victor, B. et al. / etc.; Wein-garten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 G01P 21/00, 15/00, G01C 19/00, G01B 11/00

(11) WO 2004/097433 (13) A1

(21) PCT/JP2004/006148

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-123417 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-360287 21 Oct/oct 2003 JP (21.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DYNAMIC MATRIX SENSITIVITY MEASURING INSTRUMENT FOR INERTIAL SENSORS, AND MEASURING METHOD THEREFOR

• INSTRUMENT DE MESURE DE LA SENSIBILITE D'UNE MATRICE DYNAMIQUE DESTINE A DES DETECTEURS INERTIELS ET PROCEDE DE MESURE CORRESPONDANT

(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) UMEDA, Akira [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 3, 1-1, Umezono 1-chome Tsukuba-shi Ibaraki, 3058563 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 G01R 19/252, G01J 1/44

(11) WO 2004/097434 (13) A1

(21) PCT/JP2004/006206

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124276 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • I/F CONVERSION DEVICE AND PHOTO-DETECTION DEVICE

• DISPOSITIF DE CONVERSION A INTERFACE ET DISPOSITIF DE PHOTO-DETECTION

(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, Takashi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). TADAMASA, Itsushi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(74) HASEGAWA, Yoshiaki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01R 31/00, G02F 1/13, 1/1368

(11) WO 2004/097435 (13) A1

(21) PCT/JP2004/005897

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-122718 25 Apr/avr 2003 JP (25.04.2003)

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • EXAMINING INSTRUMENT FOR LIQUID CRYSTAL PANEL
- INSTRUMENT D'EXAMEN POUR PANNEAU A CRISTAUX LIQUIDES
- (71) NHK SPRING CO., LTD. [JP/JP]; 3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOTOMA, Hiroyasu [JP/JP]; c/o NHK SPRING CO., LTD., 3131, Miyadamura, Kamiina-gun, Nagano 399-4301 (JP).
- (74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01R 31/00
- (11) WO 2004/097436 (13) A2
- (21) PCT/US2004/013109
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 10/425,329 29 Apr/avr 2003 US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MEASUREMENT CIRCUIT WITH IMPROVED ACCURACY
- CIRCUIT DE MESURE A MEILLEURE EXACTITUDE
- (71) TERADYNE, INC. [US/US]; Legal Department, Mail Stop H-61, 321 Harrison Avenue, Boston, MA 02118 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) LEIP, David, G.; 72 Dalby Street, Newton, MA 02458 (US).
- (74) RUBENSTEIN, Bruce, D.; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ G01R 31/319
- (11) WO 2004/097438 (13) A1
- (21) PCT/IB2004/050520
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 03101186.9 29 Apr/avr 2003 EP (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DATA COMPRESSION
- COMPRESSION 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) VRANKEN, Hendrikus, P., E. [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).
-
- (51)⁷ G01R 31/319
- (11) WO 2004/097439 (13) A1
- (21) PCT/JP2004/005982
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) ja (26) ja
- (30) 2003-122130 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MEASUREMENT DEVICE AND PROGRAM
- DISPOSITIF ET PROGRAMME DE MESURE
- (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) NAGAI, Hiroyuki [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 33/00
- (11) WO 2004/097440 (13) A2
- (21) PCT/US2004/010859
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 10/425,780 29 Apr/avr 2003 US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COILS FOR HIGH FREQUENCY MRI

- BOBINES POUR IRM HAUTE FREQUENCE

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 93404 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **WONG, Wai Ha**; 1134 Bentoak Lane, San Jose, CA 95129 (US). **LEUNG, Jimmy**; 33243 Jamie Circle, Fremont, CA 94555 (US). **FUNK, Alexander, L.**; 1815-1 Higdon Avenue, Mountain View, CA 94041 (US). **MEHR, Knut**; 2169 Folsom Street, #304, San Francisco, CA 94110 (US).

(74) **FISHMAN, Bella et al.** / etc.; Varian, Inc., Legal Department, 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 33/02

(11) WO 2004/097441 (13) A1

(21) PCT/JP2004/004964

(22) 6 Apr/avr 2004 (06.04.2004)

(25) ja (26) ja

(30) 2003-122387 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MAGNETIC SENSOR INTEGRATED WITH CONTROLLING DEVICE

- CAPTEUR MAGNETIQUE INTEGRE A UN DISPOSITIF DE COMMANDE

(71) **HIROSE CHERRY PRECISION CO., LTD.** [JP/JP]; Inside Hirose Electric Building, 5-23, Osaki 5-chome, Shinagawa-ku, Tokyo 1440032 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Masanori** [JP/JP]; c/o Hirose Cherry Precision Co., Ltd., 2-6-23, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 2220033 (JP). **GOTO, Akihiro** [JP/JP]; c/o Hirose Cherry Precision Co., Ltd., 2-6-23, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 2220033 (JP). **OYAMA, Shoji** [JP/JP]; c/o Hirose Cherry Precision Co., Ltd., 2-6-23, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 2220033 (JP). **ABE, Masaaki** [JP/JP]; c/o Hirose Cherry Precision Co., Ltd., 2-6-23, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 2220033 (JP). **BABA, Yasuhisa** [JP/JP]; 1240-5, Onna, Atsugi-shi, Kanagawa 2430032 (JP). **KURIHARA, Yukio** [JP/JP]; 1-27-9-503, Tomuro, Atsugi-shi, Kanagawa 2430031 (JP). **NEGISHI, Kiyoshi** [JP/JP]; 5-1-711, Otsu-cho, Yokosuka-shi, Kanagawa 2390808 (JP). **HOSHIKAWA, Kiyoshi** [JP/JP]; 1-5-21-1411, Mori, Isogo-ku, Yokohama-shi, Kanagawa 2350023 (JP). **ABE, Susumu**

[JP/JP]; 3-5-9-204, Kandaiji, Kanagawa-ku, Yokohama-shi, Kanagawa 2210801 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/06

(11) WO 2004/097442 (13) A2

(21) PCT/US2004/013179

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,993 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR SENSING A MAGNETIC FIELD

- SYSTEME ET PROCEDE DE DETECTION D'UN CHAMP MAGNETIQUE

(71) **KNOWLES ELECTRONICS, LLC** [US/US]; 1151 Maplewood Drive, Itasca, IL 60143 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOOR, Steven, E.** [US/US]; 3524 Mason Drive, Plano, TX 75025 (US).

(74) **STANTON, Gregory, E.**; Marshall, Gerstein, & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 33/38, 33/3875, 33/3815

(11) WO 2004/097443 (13) A1

(21) PCT/GB2004/001861

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309926.4 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR MAGNETIC RESONANCE IMAGING

- APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE

(71) **OXFORD INSTRUMENTS PLC** [GB/GB]; Old Station Way, Eynsham, Oxford OX8 1TL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCDUGALL, Ian, Leitch** [GB/GB]; 16 Lees Heights, Charlbury, Oxon OX8 3EL (GB). **HANLEY, Peter** [GB/GB]; Western Lodge, Parkend, Lydney, Gloucestershire GL15 4JQ (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 33/567

(11) WO 2004/097444 (13) A2

(21) PCT/GB2004/001829

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309777.1 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIGNAL PROCESSING

- TRAITEMENT DE SIGNAUX

(71) **ISIS INNOVATION LTD** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxfordshire OX2 7SG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASSIDY, Paul, Joseph** [GB/GB]; The University of Oxford, Department of Physiology, Parks Road, Oxford OX1 3PT (GB).

(74) **ASHMEAD, Richard, John 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 G01S

(11) WO 2004/097445 (13) A2

(21) PCT/US2004/010305

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/465,371 25 Apr/avr 2003 US
(25.04.2003)(30) 60/467,258 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD TO OBTAIN
SIGNAL ACQUISITION ASSISTANCE
DATA

• SYSTEME ET METHODE POUR
OBTENIR DES DONNEES D'AIDE
D'ACQUISITION DE SIGNAL

(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) GAAL, Peter [HU/US]; 9515 Easter
Way, #6, San Diego, CA 92121 (US).
SHEYNBAT, Leonid [US/US]; 110 Reser-
voir Road, Hillsborough, CA 94010 (US).
PATRICK, Christopher [TT/US]; 14358
Dalhousie Road, San Diego, CA 92129 (US).
RILEY, Wyatt, Thomas [US/US]; 540
Stevens Drive, #208, King of Prussia, PA
19406 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ G01S

(11) WO 2004/097446 (13) A2

(21) PCT/US2004/012037

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,823 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIRELESS NETWORK ASSISTED GPS
SYSTEM

• SYSTEME GPS ASSISTÉ PAR RESEAU
SANS FIL

(71) NEW JERSEY INSTITUTE OF TECH-
NOLOGY [US/US]; Cullimore Hall, Univer-
sity Heights, Newark, NJ 07102-1982 (US).

(72) TEKINAY, Sirin; 280 Rector Place, Apt.31,
New York, NY 10280 (US). CHOI, Woo-Jin;
New Jersey Institute of Technology, Cullimore
Hall, University Heights, Newark, NJ 07102-
1982 (US).

(74) KAPLAN, Jeffrey, I.; Kaplan & Gilman
L.L.P., 900 Route 9 North, Suite 104, Wood-
bridge, NJ 07095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01S 5/00, 5/14, G08G 1/127

(11) WO 2004/097447 (13) A1

(21) PCT/NO2004/000122

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 20031959 29 Apr/avr 2003 NO
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SYSTEM AND A METHOD FOR
MANAGING THE POWER CONSUMP-
TION OF A TRACKING DEVICE

• SYSTEME ET METHODE POUR
GERER LA CONSOMMATION
D'ENERGIE D'UN DISPOSITIF DE
TRACAGE

(71) TELENOR ASA [NO/NO]; Snarøyveien 30,
N-1331 Fornebu (NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JAKOBSSON, Sune [NO/NO]; Myrve-
gen 22, N-7550 Hommelvik (NO). BREDE,
Steinar [NO/NO]; Heggdalsringen 39,
N-7048 Trondheim (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).

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 G01S 5/02, 5/14, G08G 1/123, 1/16, 3/02,
5/04

(11) WO 2004/097448 (13) A1

(21) PCT/SG2003/000270

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 60/465,769 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GRID-BASED TRANSMISSION SYS-
TEM

• SYSTEME DE TRANSMISSION A
QUADRILLAGE A BASE DE GRILLE

(71) ST TRAINING & SIMULATION PTE
LTD [SG/SG]; 24 Ang Mo Kio Street 65,
Block D, Level 4, Singapore 569061 (SG).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TZIDON, Aviv [IL/IL]; 5 Merkaz Baaly
Melach St., Zip 63823, 63823 Tel Aviv (IL).

(74) ALBAN TAY MAHTANI & DE SILVA; 39
Robinson Road, #07-01 Robinson Point, Sin-
gapore 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01S 5/02, 3/80, H01Q 3/26, H04B 15/00,
G06F 17/10

(11) WO 2004/097449 (13) A1

(21) PCT/US2003/020679

(22) 1 Jul/juil 2003 (01.07.2003)

(25) en (26) en

(30) 60/458,006 27 Mar/mar 2003 US
(27.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIRECTION-FINDING FOR MULTIPLE COCHANNEL SOURCES

• RADIOGONIOMETRIE POUR SOURCES DE CO-CANAUx MULTIPLES

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC [US/US]; 65 Spit Brook Road, Nashua, NH 03061 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FIORE, Paul, D. [US/US]; 70 Amble Road, Chelmsford, MA 01824 (US). KIMBALL, Steven, F. [US/US]; 126 Morgen Drive, Auburn, NH 03032 (US).

(74) MALONEY, Neil, F. et al. / etc.; PO Box 3445, Nashua, NH 03061-3445 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01S 7/02, H03D 3/00

(11) WO 2004/097450 (13) A1

(21) PCT/GB2004/001911

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309807.6 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIGITAL ELECTRONIC SUPPORT MEASURES

• MESURES DE SOUTIEN ELECTRONIQUE NUMERIQUE

(71) THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEHARRELL, Peter, George [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(74) BECKHAM, Robert, William; D/IPD Formalities Section, Poplar 2, MOD Abbey Wood #2218, Bristol BS34 8JH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 7/292, 13/90

(11) WO 2004/097451 (13) A1

(21) PCT/SE2004/000654

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0301231-7 25 Apr/avr 2003 SE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RFI SUPPRESSION IN SAR

• SUPPRESSION DE RFI DANS UN RADAR SAR

(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) HELLSTEN, Hans [SE/SE]; Mutebo Aspnäs, S-585 97 Linköping (SE).

(74) MOLKER, Anders; c/o Ericsson AB, Patent Unit Radio Networks, S-431 84 Mölndal (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 G01S 13/04, 13/524, 7/41

(11) WO 2004/097452 (13) A1

(21) PCT/GB2004/001868

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309890.2 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DETECTION OF SMALL OBJECTS IN BODIES OF WATER

• DETECTION DE PETITS OBJETS DANS DES MASSES D'EAU

(71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SZAJNOWSKI, Wieslaw, Jerzy [GB/GB]; Unisar Limited, 3 The Red House, West Road, Guildford, Surrey GU1 2AR (GB). POTTER, Simon [GB/GB]; 15B Quartermile Road, Busbridge, Godalming, Surrey GU1 2AR (GB). WYNNE, John, Benjamin [GB/GB]; Building A5 Room 2022, QinetiQ Limited, Cody Technology Park, Farnborough, Hants GU14 0LX (GB).

(74) TOCHER, Alastair, James; QinetiQ Limited, IP Formalities, A4 Bldg Room G016, Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01S 13/93, G01C 21/34

(11) WO 2004/097453 (13) A1

(21) PCT/DE2004/000405

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 19 445.2 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOTOR VEHICLE ASSISTING DEVICE PROVIDED WITH A TRAJECTORY PREDICTION MODULE

• DISPOSITIF D'ASSISTANCE AU CONDUCTEUR COMPORTANT UN MODULE DE PREDICTION DE ROUTE

(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) WINNER, Hermann [DE/DE]; Theodor-Roessler-Strasse 18, 76467 Bittingheim (DE). URBAN, Werner [DE/DE]; Helmut-Ulmer-Str. 7, 71665 Vaihingen/Enz (DE). LUEDER, Jens [DE/DE]; Goerdelerstr. 57, 70806 Kornwestheim (DE). HENN, Ruediger-Walter [DE/DE]; Kaiserstr. 36, 70599 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01T 1/00, 7/00

(11) WO 2004/097454 (13) A2

(21) PCT/GB2004/001733

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309882.9 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIOACTIVITY DETECTOR

• DETECTEUR DE RADIOACTIVITE

(71) HAMMERSMITH IMANET LTD
[GB/GB]; Cyclotron Building, Hammer-
smith Hospital, Du Cane Road, London W12
0NN (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RENTON, Michael, Leslie [GB/GB];
Hammersmith Imanet Ltd, Cyclotron Build-
ing, Hammersmith Hospital, Du Cane Road,
London W12 0NN (GB). WESTRIP, An-
thony, Michael [GB/GB]; Hammersmith
Imanet Ltd, Cyclotron Building, Hammer-
smith Hospital, Du Cane Road, London
W12 0NN (GB). RANICAR, Alexander
[GB/GB]; Hammersmith Imanet Ltd, Cy-
clotron Building, Hammersmith Hospital, Du
Cane Road, London W12 0NN (GB).

(74) HAMMETT, Audrey, Grace, Campbell et
al. / etc.; Amersham plc, Amersham Place,
Little Chalfont, Buckinghamshire HP7 9NA
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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

(11) WO 2004/097455 (13) A2

(21) PCT/FR2004/001026

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05159 28 Apr/avr 2003 FR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR TREATING SEISMIC
CUBES CORRESPONDING TO ACQUI-
SITIONS OBTAINED FOR A COMMON
ZONE AT DIFFERENT TIMES

• PROCEDE DE TRAITEMENT DE
CUBES SISMIQUES CORRESPON-
DANT A DES ACQUISITIONS REALI-
SEES POUR UNE MEME ZONE A DES
MOMENTS DIFFERENTS

(71) COMPAGNIE GENERALE DE GEO-
PHYSIQUE [FR/FR]; 1, rue Léon Migaux,
F-91300 Massy (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LECERF, Didier [FR/GB]; 53, rue
Eaton Court, Boxgrove Avenue, Guil-
ford-Surrey GU11XH (GB).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Régimbeau, 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 G01V

(11) WO 2004/097456 (13) A2

(21) PCT/US2004/012966

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,839 29 Apr/avr 2003 US
(29.04.2003)

(30) 10/813,309 29 Mar/mar 2004 US
(29.03.2004)

(30) 10/813,288 29 Mar/mar 2004 US
(29.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEMS AND METHODS FOR A
PORTABLE WALK-THROUGH METAL
DETECTOR

• SYSTEMES ET PROCEDES POUR
PORTIQUE DE DETECTION EN ME-
TAL

(71) FISHER RESEARCH LABORATORY
[US/US]; 200 W. Willmott Avenue, Los
Banos, CA 93635 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CASTLE, Jonathan [US/US]; 1314
Cardinal, Los Banos, CA 93635 (US).
JONES, Marvin, E. [US/US]; 461 Cotton-
wood Drive, Los Banos, CA 93635 (US).

(74) LEMOND, Kevin, T. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero 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 G01V 1/00

(11) WO 2004/097457 (13) A2

(21) PCT/FR2004/001024

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05161 28 Apr/avr 2003 FR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR TREATING SEISMIC
CUBES CORRESPONDING, FOR A
COMMON ZONE ON THE GROUND,
TO DIFFERENT SOURCE/RECEIVER
AND/OR ANGLE OF INCIDENCE OFF-
SET VALUES

• PROCEDE DE TRAITEMENT DE
CUBES SISMIQUES CORRESPON-
DANT POUR UNE MEME ZONE AU
SOL, A DIFFERENTES VALEURS
DE DEPORTS SOURCE/RECEPTEUR
ET/OU D'ANGLES D'INCIDENCE

(71) COMPAGNIE GENERALE DE GEO-
PHYSIQUE [FR/FR]; 1, rue Léon-Migaux,
F-91300 Massy (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LECERF, Didier [FR/GB]; 53, Eaton
Court, Boxgrove Avenue, Guilford-Sur-
rey GU11XH (GB). COLEOU, Thierry
[FR/FR]; c/o Compagnie Générale de Géo-
physique, 1, rue Léon Migaux, F-91300
Massy (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Régimbeau, 20, rue de Chazelles, F-75847
Paris 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 G01V 1/00

(11) WO 2004/097458 (13) A2

(21) PCT/FR2004/001025

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05160 28 Apr/avr 2003 FR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR TREATING SEISMIC DATA CORRESPONDING TO ACQUISITIONS OBTAINED FOR A COMMON ZONE BY MEANS OF UNDERWATER SEISMIC RECEIVERS AND BY MEANS OF SURFACE RECEIVERS

- PROCEDE DE TRAITEMENT DE DONNEES SISMQUES CORRESPONDANT A DES ACQUISITIONS REALISEES POUR UNE MEME ZONE D'UNE PART AU MOYEN DE RECEPTEURS SISMQUES DISPOSES AU FOND DE L'EAU ET D'AUTRE PART AU MOYEN DE RECEPTEURS DISPOSES EN SURFACE

(71) COMPAGNIE GENERALE DE GEOPHYSIQUE [FR/FR]; 1, rue Léon Mignaux, F-91300 Massy (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LECERF, Didier [FR/GB]; 53, Eaton Court, Boxgrove Avenue, Guilford-Surrey GU11XH (GB).

(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 G01V 1/00, 3/08, 9/02

(11) WO 2004/097459 (13) A1

(21) PCT/GB2004/001817

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309693.0 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SEISMIC-ELECTRIC WATER-TABLE DETECTION SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE DETECTION SISMQUE-ELECTRIQUE DE NAPPE PHREATIQUE

(71, 72) O'HARA-DHAND, Ken [GB/GB]; Ridgeway House, 301 Leake Road, Gotham, Notts NG11 0LE (GB).

(74) FOX-MALE, Nicholas, H.; Eric Potter Clarkson, Park View House, 58 The Rope-walk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 3/12

(11) WO 2004/097460 (13) A1

(21) PCT/KR2003/001288

(22) 30 Jun/juin 2003 (30.06.2003)

(25) ko (26) en

(30) 10-2003-0026551 26 Apr/avr 2003 KR (26.04.2003)

(30) 10-2003-0026552 26 Apr/avr 2003 KR (26.04.2003)

(30) 10-2003-0026553 26 Apr/avr 2003 KR (26.04.2003)

(30) 10-2003-0026554 26 Apr/avr 2003 KR (26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • DCVG-CIPS MEASURING APPARATUS FOR DETECTING THE RESULTS OF A PIPE LINE

- DISPOSITIF DE MESURE DCVG-CIPS POUR LA DETECTION DE RESULTATS SUR PIPELINE

(71) KOREA GAS CORPORATION [KR/KR]; 277, Ildong, Ansan-City, Kyunggi-do 425-150 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KHO, Young-Tai [KR/KR]; 203-203, Yojin Apts., Sa-dong, Ansan-City, Kyunggi-do 425-170 (KR). JEON, Jae-Young [KR/KR]; 804-1902, Kumho Apts., Pyeongchon-dong, Dongan-gu, Anyang-City, Kyunggi-do 431-707 (KR). PARK, Kyeong-Wan [KR/KR]; 404-604, Jugong Apts., 7, Byeoryang-dong, Gwacheon-City, Kyunggi-do 427-040 (KR). CHO, Yong-Bum [KR/KR]; 306-1312, Mido Apts., 60-4, Banpo 4-dong, Seocho-gu, Seoul 137-769 (KR). LI, Seon-Yeob [KR/KR]; 1108-1303, Jugong Apts., 11, Seongpo-dong, Sangnok-gu, Ansan-City, Kyunggi-do 425-772 (KR). KIM, Young-Geun [KR/KR]; 9-1109, Yesurin Apts., Seongpo-dong, Sangnok-gu, Ansan-City, Kyunggi-do 425-768 (KR).

(74) KWON, Hyuk-Sung et al. / etc.; 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 BY BZ CA CH CN CO CR CU 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 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 G01W

(11) WO 2004/097461 (13) A2

(21) PCT/US2004/012644

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,331 24 Apr/avr 2003 US (24.04.2003)

(30) 10/455,269 4 Jun/juin 2003 US (04.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD AND APPARATUS FOR ADVANCED PREDICTION OF CHANGES IN A GLOBAL WEATHER FORECAST

- PROCEDE ET APPAREIL POUR LA PREDICTION AVANCEE DE CHANGEMENTS DANS UNE PREVISION METEOROLOGIQUE GLOBALE

(71) WEATHERNEWS AMERICAS, INC. [US/US]; 149 New Montgomery Street, 4th Floor, San Francisco, CA 94105 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARPENTER, Richard, Lee, Jr. [US/US]; 4003 Goshawk Drive, Norman, OK 73072 (US). BASSETT, Gene, Marcel [US/US]; 729 West Hughbert Street, Norman, OK 73069 (US). MONTROY, David, L. [US/US]; 8911 North 104 East Avenue, Owasso, OK 74055 (US).

(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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097462 (13) A2

(21) PCT/US2004/012587

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,441 25 Apr/avr 2003 US (25.04.2003)

(30) 10/656,905 5 Sep/sep 2003 US (05.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • BINOCULAR VIEWING SYSTEM

- SYSTEME DE VISION BINOCULAIRE

(71) THE MICROOPTICAL CORPORATION [US/US]; 33 Southwest Park, Westwood, MA 02090 (US).

(72) SPITZER, Mark, B.; 5 Mink Trap Lane, Sharon, MA 02067 (US). HUNTER, Gregory, H.; 32 Cedar Hill Road, Dover, MA 02030 (US). ZAVRACKY, Paul, M.; 25 Beech Street, Norwood, MA 02062 (US).

(74) HJORTH, Beverly, E. et al. / etc.; Weingarten, Schurigin, Gagnebin & Lebovici, LLP, Ten Post Office Square, 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).

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 G02B

(11) WO 2004/097463 (13) A2

(21) PCT/US2004/012865

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/425,509 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TUNABLE FABRY-PEROT FILTER

• FILTRE FABRY-PEROT ACCORDABLE

(71) ROSEMOUNT, INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344-3695 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LU, Liang-Ju [US/US]; 15815 Scenic Heights Road, Eden Prairie, MN 55344 (US).

(74) CARROLL, David, H.; Altera Law Group, LLC, 6500 City West Parkway, Suite 100, 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 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 G02B

(11) WO 2004/097464 (13) A2

(21) PCT/US2004/013290

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,799 29 Apr/avr 2003 US (29.04.2003)

(30) 10/609,018 27 Jun/juin 2003 US (27.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTIPLE-CORE PLANAR OPTICAL WAVEGUIDES AND METHODS OF FABRICATION AND USE THEREOF

• GUIDES D'ONDE OPTIQUES PLANES A COEURS MULTIPLES ET LEUR PROCÉDES DE FABRICATION ET LEUR UTILISATION

(71) XPONENT PHOTONICS INC. [US/US]; 425 East Huntington Drive, Monrovia, CA 91016 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BLAUVELT, Henry, A.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US). VERNOOY, David, W.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US). PASLASKI, Joel, S.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US).

(74) HASAN, Syed, A. et al. / etc.; Christie Parker & Hale LLP, 350 West Colorado Blvd, Suite 500, Pasadena, CA 91105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097465 (13) A2

(21) PCT/US2004/005812

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 60/465,166 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SINGLET TELESCOPES WITH CONTROLLABLE GHOSTS FOR LASER BEAM FORMING

• TELESCOPES A OBJECTIF MONOLITHIQUE ET CORRECTION DES IMAGES FANTOMES UTILISE POUR FORMER UN FAISCEAU LASER

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. [US/US]; 65 Spit Brook Road, NHQ01-719, Nashua, NH 03061 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUPPENHEIMER, John, D. [US/US]; 100 Brookfield Road, Tewksbury, MA 01876 (US). WING, William, F. [US/US]; 24 Westson Road, Ashland, MA 01721 (US).

(74) LONG, Daniel, J.; Bae Systems Information and Electronic Systems Integration Inc., 65 Spit Brook Road, NHQ01-719, Nashua, NH 03061 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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, B32B 7/02

(11) WO 2004/097466 (13) A1

(21) PCT/JP2004/006225

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-123736 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTROMAGNETIC-SHIELDING
LIGHT DIFFUSION SHEET

• FEUILLE DE DIFFUSION DE LUMIERE A BLINDAGE ELECTROMAGNETIQUE

(71) TAKIRON CO. LTD. [JP/JP]; 3-13, Azuchimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410052 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Hidemi [JP/JP]; c/o TAKIRON CO., LTD., 3-13, Azuchimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410052 (JP). SAKAI, Masato [JP/JP]; c/o TAKIRON CO., LTD., 3-13, Azuchimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410052 (JP). SE, Koichi [JP/JP]; c/o TAKIRON CO., LTD., 3-13, Azuchimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410052 (JP).

(74) KAWASAKI, Masaki; Room 606, Keihan Marquis Umeda, 5-5, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 1/10, G21K 1/06, G03F 7/20

(11) WO 2004/097467 (13) A1

(21) PCT/EP2004/004368

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 103 19 005.8 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REFLECTIVE OPTICAL ELEMENT, OPTICAL SYSTEM AND EUV LITHOGRAPHY DEVICE

• ELEMENT OPTIQUE REFLECHISSANT, SYSTEME OPTIQUE ET DISPOSITIF DE LITHOGRAPHIE EUV

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEDOWSKI, Marco [DE/DE]; Otto-Schott-Strasse 15, 73431 Aalen (DE).

(74) FUCHS, Jürgen, H. et al. / etc.; Söhnleinstr. 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 5/08, G02F 1/13357, F21V 8/00, B32B 15/08, 27/20

(11) WO 2004/097468 (13) A1

(21) PCT/JP2004/006084

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-123525 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REFLECTIVE SHEET FOR LIQUID CRYSTAL DISPLAY, METHOD FOR PRODUCING SAME AND BACKLIGHT UNIT USING SUCH REFLECTIVE SHEET

• FEUILLE DE REFLEXION POUR AFFICHEUR A CRISTAUX LIQUIDES, PROCEDE DE PRODUCTION DE CELLE-CI ET UNITE DE RETRO-ECLAIRAGE UTILISANT CETTE FEUILLE

(71) MITSUBISHI PLASTICS, INC. [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTOMURA, Yukiaki [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP). SHIRADO, Masayuki [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP). TSUNEKAWA, Takeyuki [JP/JP]; c/o MITSUBISHI PLASTICS, INC., Nagahama Plant, 5-8, Mitsuya-cho, Nagahama-shi, Shiga 526-8660 (JP).

(74) OSHIMA, Yumiko et al. / etc.; Patento Attorneys "Shinpo", 1-20-10-203, Takadanobaba, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 5/30, 5/20, G02F 1/13363

(11) WO 2004/097469 (13) A1

(21) PCT/JP2004/005360

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-126998 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHOLESTERIC LIQUID CRYSTALLINE FILM, METHOD FOR PRODUCTION THEREOF AND CIRCULARLY POLARIZED LIGHT REFLECTING FILM, TWO WAVELENGTH REGION REFLECTION TYPE REFLECTING FILM

• FILM CRISTALLIN LIQUIDE CHOLESTERIQUE ET SON PROCEDE DE PRODUCTION, FILM A REFLEXION DE LUMIERE POLARISEE DE MANIERE CIRCULAIRE ET FILM A REFLEXION DU TYPE A DEUX REGIONS DE LONGUEUR D'ONDE

(71) NITTO DENKO CORPORATION [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRAOGAWA, Miki [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, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP). FUKUOKA, Takahiro [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP).

(74) SUZUKI, Takao et al. / etc.; 1-20, Nishinakajima 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, G02F 1/13363, C08J 7/04, B29C 55/02, B05D 7/00

(11) WO 2004/097470 (13) A1

(21) PCT/JP2004/006232

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-127346 **2 May/mai 2003** JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • OPTICAL FILM, METHOD FOR PRODUCING THE SAME, AND IMAGE DISPLAY DEVICE USING THE SAME
- FILM OPTIQUE, SON PROCÉDE DE PRODUCTION ET DISPOSITIF D'AFFICHAGE D'IMAGES L'UTILISANT

(71) NITTO DENKO CORPORATION [JP/JP]; 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, 5678680 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURAKAMI, NaoNISHIKOUJI, Yu-
uichiYOSHIMI, Hiroyuki

(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).

Published / Publiée : (c)

(51)⁷ G02B 6/00, 6/10

(11) WO 2004/097471 (13) A1

(21) PCT/JP2004/005526

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-122532 **25 Apr/avr 2003** JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • OPTICAL TRANSMITTER
- ÉMETTEUR OPTIQUE

(71) MITSUBISHI CABLE INDUSTRIES LTD. [JP/JP]; 3, Ikejiri 4-chome Itami-shi Hyogo, 6640027 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAKE, Kazuyuki; 3, Ikejiri 4-chome Itami-shi Hyogo, 6640027YAMAGUCHI, Syunichiro; 3, Ikejiri 4-chome Itami-shi Hyogo, 6640027YAMAMOTO, Tetsuya; 3, Ikejiri 4-chome Itami-shi Hyogo, 6640027

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/12

(11) WO 2004/097472 (13) A1

(21) PCT/EP2003/004520

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LOW LOSS RESONANT OPTICAL DEVICE
- DISPOSITIF OPTIQUE A FAIBLE PERTE DE RESONANCE

(71) PIRELLI & C. S.P.A. [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FACCIO, Daniele [IT/IT]; Pirelli Labs, Viale Sarca, 222, I-20126 Milano (IT). GORNI, Giacomo [IT/IT]; Pirelli Labs, Viale Sarca, 222, I-20126 Milano (IT). ROMAGNOLI, Marco [IT/IT]; Pirelli Labs, Viale Sarca, 222, I-20126 Milano (IT).

(74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) US.

Published / Publiée : (d)

(51)⁷ G02B 6/12

(11) WO 2004/097473 (13) A1

(21) PCT/EP2004/004545

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) PCT/EP03/04520 **30 Apr/avr 2003** EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LOW LOSS RESONANT OPTICAL DEVICE
- DISPOSITIF OPTIQUE DE RESONANCE A FAIBLES PERTES

(71) PIRELLI & C.S.P.A. [IT/IT]; Via Gaetano Negri 10, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FACCIO, Daniele [IT/IT]; University of Insubria, Department of Physics & Mathematics, 11, Via Valleggio, IT-22100 Como (IT). GORNI, Giacomo [IT/IT]; Pirelli Labs S.p.A., 222, Viale Sarca, I-20126 Milano (IT). ROMAGNOLI, Marco [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(74) BATTIPEDE, Francesco et al. / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 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 G02B 6/12

(11) WO 2004/097474 (13) A1

(21) PCT/US2003/037457

(22) 25 Nov/nov 2003 (25.11.2003)

(25) en (26) en

(30) 60/466,799 **29 Apr/avr 2003** US
(29.04.2003)

(30) 60/473,699 **27 May/mai 2003** US
(27.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SURFACE-MOUNTED PHOTODETECTOR FOR AN OPTICAL WAVEGUIDE
- PHOTODETECTEUR MONTE EN SURFACE POUR GUIDE D'ONDES OPTIQUE

(71) XPONENT PHOTONICS INC [US/US]; 425 East Huntington Drive, Monrovia, CA 91016 (US).

(72) BLAUVELT, Henry, A.; Xponent Photonics Inc, 425 East Huntington Drive, Monrovia, CA 91016 (US). VERNOOY, David, W.; Xponent Photonics Inc, 425 East Huntington Drive, Monrovia, CA 91016 (US). PASLASKI, Joel, S.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US).

(74) HASAN, Syed, A.; Christie Parker & Hale LLP, 350 West Colorado Blvd, Suite 500, Pasadena, CA 91105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 PL PT 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 6/125, 6/136 // G02F 1/025

(11) WO 2004/097475 (13) A1

(21) PCT/US2004/008422

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/426,704 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD AND APPARATUS FOR SPLITTING OR COMBINING OPTICAL BEAMS WITH A Y COUPLER WITH REDUCED LOSS AND ELECTRICAL ISOLATION
- PROCEDE ET APPAREIL POUR LA SEPARATION OU LA COMBINAISON DE FAISCEAUX OPTIQUES A COUPLEUR EN Y AVEC PERTE REDUITE ET ISOLATION ELECTRIQUE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) LIU, Ansheng; 7375 Rollingdell Drive 28, Cupertino, CA 95014 (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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 6/26, 6/42
- (11) WO 2004/097476 (13) A1
- (21) PCT/US2003/036015
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/413,196 14 Apr/avr 2003 US (14.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND STRUCTURE FOR A SOLID SLUG CATERPILLAR PIEZO-ELECTRIC OPTICAL RELAY
- PROCEDE ET STRUCTURE D'UN RE-LAIS OPTIQUE A BARREAU SOLIDE GLISSANT
- (71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).
- (72) WONG, Marvin, Glenn; 93 Honey Hill Lane, Woodland park, CO 80863 (US). FONG, Arthur; 7940 Sawback Trail, Colorado Springs, CO 80919 (US).
- (74) WAY, Kyle, J.; Intellectual Property Administration, MS: DL-429, Agilent Technologies, Inc., P.O. Box 7599, Loveland, CO 80537-0599 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CN JP KR SG EP AT

BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

- (51)⁷ G02B 6/32, 6/42
- (11) WO 2004/097477 (13) A2
- (21) PCT/GB2004/001802
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 0309908.2 30 Apr/avr 2003 GB (30.04.2003)
- (30) 0323707.0 10 Oct/oct 2003 GB (10.10.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A CONNECTOR DEVICE FOR COUPLING OPTICAL FIBRES, AND METHOD OF PRODUCTION THEREOF
- DISPOSITIF CONNECTEUR DESTINE A COUPLER DES FIBRES OPTIQUES, ET SON PROCEDE DE PRODUCTION
- (71) TYCO ELECTRONICS RAYCHEM NV [BE/BE]; Diestsesteenweg 692, B-3010 Kessel-Lo (BE).
(for all designated States except / pour tous les États désignés sauf MG US)
- (71) TYCO ELECTRONICS UK LTD [GB/GB]; Faraday Road, Dorcan, Swindon Wiltshire SN3 5HH (GB).
(only for / seulement pour MG)
- (72, 75) WATTE, Jan [BE/BE]; Molenstraat 168, B-1851 Grimbergen (BE). DAEMS, Daniel [BE/BE]; De Dreef Van Zonnebos 10, B-2970 s'-Gravenwezel (BE). VOLCKAERTS, Bart [BE/BE]; De Costerstraat 6, B-2140 Borgerhout (BE). OTTEVAERE, Heidi [BE/BE]; P.P. Rubenslaan 5, B-1500 Halle (BE). THIENPONT, Hugo [BE/BE]; J. Debusscherstraat 42, B-1500 Halle (BE).
- (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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 6/32, 6/42
- (11) WO 2004/097478 (13) A1
- (21) PCT/GB2004/001860
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 0310016.1 1 May/mai 2003 GB (01.05.2003)

- (30) 03252805.1 1 May/mai 2003 GB (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OPTICAL COUPLING DEVICES
- DISPOSITIF DE COUPLAGE OPTIQUE
- (71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HILL, Roger [GB/GB]; Bae Systems Avionics, Crewe Toll, Ferry Road, Edinburgh, EH5 2XS (GB).
- (74) INTELLECTUAL PROPERTY DEPARTMENT; Bae Systems Plc, Lancaster House, P O Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire, GU14 6YU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/32, 3/00
- (11) WO 2004/097479 (13) A1
- (21) PCT/US2004/012796
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,830 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MULTI-BANDWIDTH COLLIMATOR
- COLLIMATEUR A PLUSIEURS LARGEURS DE BANDE
- (71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MANN, Larry G [US/US]; 15 Virginia Road, Painted Post, NY 14870 (US). SHASHIDHAR, Nagaraja [US/US]; 3444 Fieldstone Lane, Painted Post, NY 14870 (US). GAFSI, Rachid [TN/US]; 33 Houghton Circle, Corning, NY 14830 (US).
- (74) SCHAEFERLE, Timothy M; Corning Incorporated, 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/36, 6/42

(11) WO 2004/097480 (13) A1

(21) PCT/JP2004/006120

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125350 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL CONNECTOR ASSEMBLY, CONNECTOR HOLDER, OPTICAL CONNECTOR

• ENSEMBLE CONNECTEUR OPTIQUE, SUPPORT DE CONNECTEUR, CONNECTEUR OPTIQUE

(71) FUJIKURA LTD. [JP/JP]; 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJIWARA, Kunihiko [JP/JP]; c/o Fujikura Ltd. Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).
ISHIKAWA, Takaaki [JP/JP]; c/o Fujikura Ltd. Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 6/36, 6/42

(11) WO 2004/097481 (13) A1

(21) PCT/JP2004/006339

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-125378 30 Apr/avr 2003 JP
(30.04.2003)

(30) 2003-125915 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL TRANSCEIVER AND OPTICAL CONNECTOR

• EMETTEUR-RECEPTEUR OPTIQUE ET CONNECTEUR OPTIQUE

(71) FUJIKURA LTD. [JP/JP]; 5-1, Kiba 1-chome, Koto-ku, Tokyo 135-8512 (JP).
NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJIWARA, Kunihiko [JP/JP]; c/o Fujikura Ltd. Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).
NISHIMURA, Akito [JP/JP]; c/o Fujikura Ltd. Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).
HAYASHI, Yukio [JP/JP]; c/o Fujikura Ltd. Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).
NOZAWA, Tetsuo [JP/JP]; c/o Fujikura Ltd. Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).
SHIMIZU, Takanori [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
HATAKEYAMA, Ichiro [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
KURATA, Kazuhiko [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/38

(11) WO 2004/097482 (13) A1

(21) PCT/EP2004/004186

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 19 418.5 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYBRID PLUG-IN CONNECTOR

• CONNECTEUR ENFICHABLE HYBRIDE

(71) MURRELEKTRONIK GMBH [DE/DE]; Werk Stollberg, Bachgasse 3, 09366 Stollberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAFNER, Franz [DE/DE]; Kanalstrasse 13, 71570 Oppenweiler (DE).
GUTEKUNST, Jürgen [DE/DE]; Eichenweg 18, 72622 Nürtingen (DE).
SCHUFFENHAUER, Andreas [DE/DE]; Salzstrasse 98, 09113 Chemnitz (DE).
JUNGHANN, Friedemann [DE/DE]; Str. d. Freundschaft 54, 09419 Thum / OT Jahnsbach (DE).

(74) JECK, Anton; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/38

(11) WO 2004/097483 (13) A1

(21) PCT/EP2004/050469

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 1023290 28 Apr/avr 2003 NL
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ASSEMBLY OF A PROTECTION COVER AND A CIRCUIT BOARD

• ENSEMBLE COUVERCLE DE PROTECTION ET CARTE DE CIRCUIT

(71) FCI [FR/FR]; 145/147 rue Yves Le Coz, F-78000 Versailles (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORLION, Danny, Louis, Cornelius [BE/BE]; Kriekerijstraat 30, B-9040 Gent (BE).
VAN KOETSEM, Jan, Peter, Karel [BE/BE]; Wijnackerslaan 10, B-9150 Bazel (BE).
VAN DER STEEN, Hendrikus, Petrus, Gijsbertus [NL/NL]; Litsersstraat 60B, NL-5275 BW Den Dungen (NL).

(74) DE VRIES, Johannes, Hendrik, Fokke 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/38

(11) WO 2004/097484 (13) A1

(21) PCT/GB2004/001858

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310206.8 2 May/mai 2003 GB
(02.05.2003)

(30) 03252861.4 7 May/mai 2003 EP
(07.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIBRE OPTIC CONNECTOR

• CONNECTEUR DE FIBRES OPTIQUES

(71) AIRBUS UK LIMITED [GB/GB]; New Filton House, Filton, Bristol BS99 7AR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWNJOHN, Nicholas** [GB/DE]; Schilfgraben 57, D-21614 Buxtehude (DE).

(74) **BARDO, Julian, Eason et al.** / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 6/38**

(11) **WO 2004/097485** (13) A1

(21) PCT/GB2004/001916

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 0309898.5 **30 Apr/avr 2003** GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL SWITCHING USING OPTICAL FIBER CONNECTOR

• COMMUTATION OPTIQUE AU MOYEN D'UN CONNECTEUR DE FIBRE OPTIQUE

(71) **POLATIS LTD** [GB/GB]; 25 Cambridge Science Park, Milton Road, Cambridge CB4 0FW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAMES, Andrew, Nicholas** [GB/GB]; 74 Defreville Avenue, Cambridge CB4 1HU (GB). **GRANT, Michael** [GB/GB]; 36 Grosvenor Close, Bishops Stortford, Herts CM23 4JP (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).

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 **G02B 6/42, 6/12**

(11) **WO 2004/097486** (13) A1

(21) PCT/EP2003/004473

(22) **29 Apr/avr 2003 (29.04.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COUPLING STRUCTURE FOR OPTICAL FIBRES AND PROCESS FOR MAKING IT

• STRUCTURE DE COUPLAGE POUR FIBRES OPTIQUES ET PROCEDE D'ELABORATION

(71) **PIRELLI & C. S.P.A.** [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT). **ST MICRO-ELECTRONICS NV** [NL/NL]; Strawinsky-laan 1725, Tower B 17th Floor, 1077 XX Amsterdam (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINI, Francesco** [IT/IT]; St Microelectronics Srl, Via Tolomeo 1, I-20010 Cornaredo (IT). **MONTANINI, Pietro** [IT/IT]; St Microelectronics Srl, Via Tolomeo, 1, I-20010 Cornaredo (IT). **OLIVETTI, Guido** [IT/IT]; Pirelli Cavi e Sistemi Telecom S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **RAMPULLA, Alberto** [IT/IT]; Vicolo S. Gregorio, 8, I-27100 Pavia (IT). **ROSSI, Giacomo** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(74) **GIANNESI, Pier, Giovanni et al.** / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 **G02B 6/44**

(11) **WO 2004/097487** (13) A1

(21) PCT/JP2004/005257

(22) **13 Apr/avr 2004 (13.04.2004)**

(25) en (26) en

(30) 2003-122330 **25 Apr/avr 2003** JP (25.04.2003)

(30) 2004-071520 **12 Mar/mar 2004** JP (12.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL MEMBER WITH PROTECTIVE LAYER, METHOD AND APPARATUS OF PRODUCING OPTICAL MEMBER WITH PROTECTIVE LAYER

• ELEMENT OPTIQUE AVEC COUCHE DE PROTECTION, PROCEDE ET APPAREIL DE PRODUCTION DE CET ELEMENT OPTIQUE AVEC COUCHE DE PROTECTION

(71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210 Nakanuma, Minami-ashigara-shi, Kanagawa 2500193 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGURA, Toru** [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 4188666 (JP). **MIYOSHI, Takahito** [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 4188666 (JP).

(74) **KOBAYASHI, Kazunori et al.** / etc.; Taiyo-seimei-otsuka Bldg., 3F, 25-1, Kita-otsuka 2-chome, Toshima-ku, Tokyo 1700004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02B 7/02**

(11) **WO 2004/097488** (13) A1

(21) PCT/KR2004/001019

(22) **1 May/mai 2004 (01.05.2004)**

(25) en (26) en

(30) 10-2003-0027996 **1 May/mai 2003** KR (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANUFACTURING HYBRID ASPHERICAL LENS

• PROCEDE DE FABRICATION D'UNE LENTILLE ASPHERIQUE HYBRIDE

(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) **YOON, Seok-II**; 201-809 Kukhwa Apt., Samcheon-dong, Seo-gu, Daejeon Metropolitan-city 302-782 (KR). **HWANG, Gyu-Hwan**; 102-1503 Shinyoungtong Hyundai Apt., 865-1, Banwol-ri, Taean-eup, Hwasong-gun, Gyeonggi-do 445-982 (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 **G02B 13/00, G06F 17/50**
- (11) **WO 2004/097489** (13) A1
- (21) PCT/JP2004/005417
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) ja (26) ja
- (30) 2003-121817 **25 Apr/avr 2003** JP
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF DESIGNING OPTICAL
SYSTEM
• PROCEDE DE CONCEPTION DE SYS-
TEME OPTIQUE
- (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) **HAYAKAWA, Kazuhito** [JP/JP];
c/o, OLYMPUS CORPORATION 2-3,
Kuboyama-cho Hachioji-shi Tokyo, 1928512
(JP). **MOTOHASHI, Katsumi** [JP/JP];
c/o, OLYMPUS CORPORATION 2-3,
Kuboyama-cho Hachioji-shi Tokyo, 1928512
(JP). **KATO, Shigeru** [JP/JP]; c/o, OLYM-
PUS CORPORATION 2-3, Kuboyama-cho
Hachioji-shi Tokyo, 1928512 (JP).
- (74) **SHINOHARA, Taiji**; 7-14, Kudan-minami
3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 17/08, G01J 5/08, G02B 13/14**
- (11) **WO 2004/097490** (13) A1
- (21) PCT/US2004/012573
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 10/423,395 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MONOLITHIC LENS/REFLECTOR OP-
TICAL COMPONENT

- COMPOSANT OPTIQUE OBJEC-
TIF/REFLECTEUR MONOLITHIQUE
- (71) **RAYTHEON COMPANY** [US/US]; 870
Winter Street, Office of the General Counsel,
Waltham, MA 02451 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72) **BORCHARD, Joseph F.**; 2161 Borchard
Trail, McKinney, Texas 75071 (US).
- (74) **SCHUBERT, William C.** et al. / etc.;
Raytheon Company, EO/E04/N119, 2000
East El Segundo Boulevard, P. O. Box 902,
El Segundo, CA 90245 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **G02B 21/00, G01J 3/36**
- (11) **WO 2004/097491** (13) A1
- (21) PCT/DE2004/000255
- (22) **12 Feb/fév 2004 (12.02.2004)**
- (25) de (26) de
- (30) 103 19 776.1 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DEVICE FOR THE SPECTRAL SELEC-
TION AND DETECTION OF THE SPEC-
TRAL REGIONS OF A LIGHT BEAM
• DISPOSITIF DE SELECTION ET DE
DETECTION SPECTRALE DES DO-
MAINES SPECTRAUX D'UN RAYON
DE LUMIERE
- (71) **LEICA MICROSYSTEMS HEIDEL-
BERG GMBH** [DE/DE]; Am Friedensplatz
3, 68165 Mannheim (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **SCHREIBER, Frank** [DE/DE]; Uh-
landstrasse 7, 69221 Heidelberg (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
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ **G02B 21/10, 21/08**
- (11) **WO 2004/097492** (13) A1
- (21) PCT/EP2004/002432
- (22) **10 Mar/mar 2004 (10.03.2004)**
- (25) de (26) de
- (30) 103 20 529.2 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DARK FIELD ILLUMINATION SYS-
TEM
• SYSTEME D'ECLAIRAGE SUR FOND
NOIR
- (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) **BREHM, Michael** [DE/DE]; Klink-
erfuesstrasse 23, 37073 Göttingen (DE).
FAHLBUSCH, Ingo [DE/DE]; Instenburger
Weg 8, 37083 Göttingen (DE). **HEISE,**
Heino [DE/DE]; Alte Dorfstrasse 16b,
37139 Adelebsen (DE). **KLEINSCHMIDT,**
Werner [DE/DE]; Siedlungsstrasse 23,
37139 Adelebsen (DE). **VOGELSGANG,**
Anke [DE/DE]; Rosenwinkel 12, 37081
Göttingen (DE).
- (74) **BECK, Bernard**; 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **G02B 21/24, 7/32, G03F 9/00, 7/20**
- (11) **WO 2004/097493** (13) A1
- (21) PCT/EP2004/004427
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) de (26) de
- (30) 103 19 182.8 **29 Apr/avr 2003** DE
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND ARRAY FOR DETER-
MINING THE FOCAL POSITION DUR-
ING IMAGING OF A SAMPLE
• PROCEDE ET DISPOSITIF POUR DE-
TERMINER LA POSITION DU POINT
FOCAL LORS DE L'OBTENTION
D'UNE IMAGE D'UN ECHANTILLON
- (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) **BUBLITZ, Daniel** [DE/DE]; Stumpfen-
burgweg 5b, 07743 Jena (DE). **GRÄFE,**
Dieter [DE/DE]; Hanns-Eisler-Strasse 32,
07745 Jena (DE). **WESTPHAL, Peter**
[DE/DE]; Kritzegegraben 6, 07743 Jena (DE).

(74) GRÖBER, Volker; 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 23/06, H04N 5/225

(11) WO 2004/097494 (13) A1

(21) PCT/JP2004/006320

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126834 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIGITAL CAMERA-EQUIPPED GROUND TELESCOPE
• TELESCOPE TERRESTRE EQUIPE D'UNE CAMERA NUMERIQUE

(71) KOWA KABUSHIKI KAISHA [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460-8625 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKANO, Hirokatsu [JP/JP]; c/o Kowa Kabushiki Kaisha, Denikogaku Jigyobu Gamagori-kojo, 13-35, Miyanari-cho, Gamagori-shi, Aichi 443-0041 (JP). GOTO, Yoshihide [JP/JP]; c/o Kowa Kabushiki Kaisha, Denikogaku Jigyobu Gamagori-kojo, 13-35, Miyanari-cho, Gamagori-shi, Aichi 443-0041 (JP). TOMINAGA, Shuichi [JP/JP]; c/o Kowa Kabushiki Kaisha, Denikogaku Jigyobu Gamagori-kojo, 13-35, Miyanari-cho, Gamagori-shi, Aichi 443-0041 (JP). ISHIDA, Takayuki [JP/JP]; c/o Kowa Kabushiki Kaisha, Denikogaku Jigyobu Gamagori-kojo, 13-35, Miyanari-cho, Gamagori-shi, Aichi 443-0041 (JP).

(74) KATO, Takashi; 5F, Sotobori-Sky Bldg., 2-11, Ichigaya Honmura-cho, Shinjuku-ku, Tokyo 162-0845 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 26/02, F03B 17/00, H02N 11/00

(11) WO 2004/097495 (13) A1

(21) PCT/IB2004/050517

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03101174.5 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MINIATURE MOTOR FOR OPTICAL DEVICE BASED ON ELECTOWETTING
• MICROMOTEUR A ELECTRO-MOULLAGE POUR DISPOSITIF 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) HENDRIKS, Bernardus, H., W. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KUIPER, Stein [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHRIJNEMAËKERS, Hubert, 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).

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 G02B 26/08, 6/28

(11) WO 2004/097496 (13) A1

(21) PCT/JP2004/005858

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-122227 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ATTENUATOR DEVICE AND OPTICAL SWITCHING DEVICE
• DISPOSITIF ATTENUATEUR ET DISPOSITIF DE COMMUTATION OPTIQUE

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATSUNUMA, Atsushi [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) THE PATENT CORPORATE BODY SHOWYOU INTERNATIONAL; 7F, Yokohama HS-Bldg., 9-10, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 27/01, B60J 3/00, B60R 11/04, 1/08, A61F 9/02, G02B 13/14, H04N 5/238

(11) WO 2004/097497 (13) A1

(21) PCT/FR2004/050171

(22) 23 Apr/avr 2004 (23.04.2004)

(25) fr (26) fr

(30) 0350133 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRIVING AID DEVICE
• DISPOSITIF D'AIDE A LA CONDUITE

(71) TIETRONIX OPTICS [FR/FR]; 4 rue André-Marie Ampère, F-22300 LANNION (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHRETIEN, Jean-Loup [FR/FR]; Poulhallec, Le Bas de la Rivière, F-29600 MORLAIX (FR).

(74) BREESE, Pierre; BREESE-MAJEROW-ICZ, 3 avenue de l'Opéra, F-75001 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G02B 27/02
- (11) WO 2004/097498 (13) A1
- (21) PCT/JP2004/005985
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) ja (26) ja
- (30) 2003-123271 28 Apr/avr 2003 JP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • IMAGE COMBINER AND IMAGE DIS-
PLAY
• DISPOSITIF DE COMBINAI-
SON D'IMAGES ET DISPOSITIF
D'AFFICHAGE D'IMAGES
- (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) OUCHI, Yumiko [JP/JP]; c/o NIKON
CORPORATION, 2-3, Marunouchi 3-Chome
Chiyoda-ku, Tokyo 1008331 (JP). HORI,
Kenji [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 G02B 27/10, 21/16, G03F 7/20, G02B
21/12, 17/00
- (11) WO 2004/097499 (13) A1
- (21) PCT/EP2004/004160
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) de (26) de
- (30) 103 19 268.9 25 Apr/avr 2003 DE
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ILLUMINATING AND IMAGING SYS-
TEM COMPRISING A DIFFRACTIVE
BEAM SPLITTER
• SYSTEME D'ILLUMINATION ET
D'IMAGERIE A SEPARATEUR DE
FAISCEAU A DIFFRACTION
- (71) CARL ZEISS SMS GMBH [DE/DE]; Carl-
Zeiss-Promenade 10, 07745 Jena (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BRUNNER, Robert [DE/DE];
Berghoffsweg 6D, 07743 Jena (DE). DOB-
SCHAL, Hans-Jürgen [DE/DE]; Am
Kötschauer Weg 26a, 99510 Kleinromstedt
(DE). GREIF-WÜSTENBECKER, Jörn
[DE/DE]; Hirschberg 10, 35037 Marburg
(DE). ROSENKRANZ, Norbert [DE/DE];
Am Stichel 30, 07629 Reichenbach (DE).
SCHERÜBL, Thomas [DE/DE]; Kronfeld-
strasse 2a, 07745 Jena (DE).
- (74) HAMPE, Holger; Carl Zeiss Jena GmbH,
Car-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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ G02C 5/00
- (11) WO 2004/097500 (13) A2
- (21) PCT/FR2004/001015
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) fr (26) fr
- (30) 03/05217 29 Apr/avr 2003 FR
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HINGE WHICH IS INTENDED, IN PAR-
TICULAR, FOR SPECTACLE FRAMES
• CHARNIERE, NOTAMMENT POUR
MONTURE DE LUNETTES
- (71, 72) CHENE, Richard [FR/FR]; 137, boule-
vard Koenig, F-92200 Neuilly-sur-Seine
(FR). DELAMOUR, Dominique [FR/FR];
44, rue de la Millière, F-78490 Les Mesnuls
(FR). RODI, Olivier [FR/FR]; 17, rue du
Château Trompette, F-78950 Gambais (FR).
- (74) SAUVAGE, Renée; Cabinet Sauvage, 65,
boulevard Soult, F-75012 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ G02C 5/22
- (11) WO 2004/097501 (13) A1
- (21) PCT/EP2003/004609
- (22) 2 May/mai 2003 (02.05.2003)
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HINGE FOR EYEGLASSES
• CHARNIERE POUR LUNETTES
- (71) BARNABO' PIETRO DI BARNABO'
SERGIO, VITTORIO & C. S.N.C. [IT/IT];
Via Galileo Galilei, 50/52, I-31010 Mareno
Di Piave (IT).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BARNABO', Andrea [IT/IT]; Piazza del
Popolo, 9/A, I-33077 Sacile (IT).
- (74) MODIANO, Guido; Modiano & Associati,
Via Meravigli, 16, IT-20123 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE 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 G02C 7/04, G06F 17/50
- (11) WO 2004/097502 (13) A1
- (21) PCT/AU2003/001548
- (22) 19 Nov/nov 2003 (19.11.2003)
- (25) en (26) en
- (30) 2003902102 2 May/mai 2003 AU
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DESIGN AND CALCULATION OF
POST-LENS PRESSURE PROFILE FOR
CONTACT LENS
• CONCEPTION ET CALCUL DU PRO-
FIL DE PRESSION DE LENTILLES DE
CONTACT
- (71) THE INSTITUTE FOR EYERESEARCH
[AU/AU]; PO Box 6327, UNSW, Sydney,
New South Wales 1466 (AU).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BRENT, Geoffrey [AU/AU]; PO Box
6327, UNSW, Sydney, New South Wales
1466 (AU).
- (74) FREEHILLS CARTER SMITH BEA-
DLE; 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G02C 7/04

(11) WO 2004/097503 (13) A1

(21) PCT/IT2003/000263

(22) 29 Apr/avr 2003 (29.04.2003)

(25) it (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COSMETIC CONTACT LENS

• LENTILLE DE CONTACT A BUT ES-
THETIQUE

(71) SAFILENS S.R.L. [IT/IT]; Via Grazia
Deledda, 5, I-34079 Staranzano (IT).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) FILIPPO, Alessandro [IT/IT]; Via
Rimembranze, 57, I-33082 Azzano Decimo
(IT). GARBELLOTO, Fernando [IT/IT];
Via Rinascimento, 141, I-30023 Concordia
Sagittaria (IT).

(74) FABRIS, Stefano et al. / etc.; Cantaluppi
& Partners S.r.l., Via Matteotti, 26, I-35137
Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

*(r) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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 G02C 7/04, C08L 33/00, 33/14, 33/24,
35/00, 39/00, 39/04

(11) WO 2004/097504 (13) A1

(21) PCT/US2004/009482

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/465,090 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HYDROGEL CONTACT LENSES AND
PACKAGE SYSTEMS AND PRODUC-
TION METHODS FOR SAME

• LENTILLES DE CONTACT A
BASE D'HYDROGEL, SYSTEMES
D'EMBALLAGE ET PROCEDES DE
PRODUCTION ASSOCIES

(71) OCULAR SCIENCES INC. [US/US]; 1855
Gateway Boulevard, Suite 700, Concord, CA
94520 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MARMO, Christopher, J. [US/US];
39 Green Gables Court, Danville, CA 94506
(US).

(74) UXA, Frank, J.; Stout, Uxa, Buyan &
Mullins, LLP, 4 Venture, Suite 300, Irvine,
CA 92618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 G02F

(11) WO 2004/097505 (13) A2

(21) PCT/US2004/012583

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,196 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIQUID CRYSTAL ACCESSORIES

• ACCESSOIRES A CRISTAUX LI-
QUIDES

(71) ALPHAMICRON, INC. [US/US]; 277
Martinel Drive, Kent, OH 44240 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MILLER, Roy [US/US]; 3333 Parnell
Drive, Akron, OH 44319 (US). HUPPER,
Joshua [US/US]; 703 South Lincoln Street,
Kent, OH 44240 (US). TAHERI, Bahman
[US/US]; 2030 Garden Lane, Hudson, OH
44236 (US). KOSA, Tamas [US/US]; 1480
Stratford Drive, Kent, OH 44240 (US).

(74) MORTON, Andrew et al. / etc.; 106 S. Main
Street, First National Tower, 4th Floor, Akron,
OH 44308 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G02F

(11) WO 2004/097506 (13) A2

(21) PCT/US2004/012643

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,364 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICRODISPLAY AND INTERFACE ON
A SINGLE CHIP

• MICROAFFICHEUR ET INTERFACE
SUR UNE SEULE PUCE

(71) DISPLAYTECH, INC. [US/US]; 2602
Clover Basin Drive, Longmont, CO 80503
(US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) DALLAS, James, M. [US/US]; 698
Eaton Circle, Superior, CO 80027 (US).
VICKERY III, Earle, R. [US/US]; 2093 Eagle
Watch Drive, Henderson, NV 89012 (US).
MALZBENDER, Rainer, M. [DE/US];
4458 Hogan Court, Niwot, CO 80504
(US). LARSEN, Per, Harold [US/US];
5575 Pennsylvania Avenue, #C, Boulder,
CO 80303 (US). HOLLENBECK, David
[US/US]; 5547 West Wetlands Drive, Freder-
ick, CO 80530 (US). YEE, Michael,
Wayne [US/US]; 13713 Boulder Point, #101,
Broomfield, CO 80020 (US).

(74) MARSH FISCHMANN & BREYFOGLE
LLP; CROUCH, Robert G., 3151 South
Vaughn Way, Suite 411, Aurora, CO 80014
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/01, 1/35

(11) WO 2004/097507 (13) A1

(21) PCT/JP2004/003926

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-083433 25 Mar/mar 2003 JP (25.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL COUPLING ELEMENT, PHOTO-REFRACTIVE ELEMENT HAVING THE SAME, AND OPTICAL INFORMATION PROCESSING DEVICE

• ELEMENT DE COUPLAGE OPTIQUE, ELEMENT PHOTO-REFRACTIF POSSEDANT CELUI-CI ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS OPTIQUES

(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) SASSA, Takafumi [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi Saitama, 3510198 (JP). AOYAMA, Tetsuya [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi Saitama, 3510198 (JP). WADA, Tatsuo [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi Saitama, 3510198 (JP).

(74) UESHIMA, Junichi; 5-11-404, Nishi Ikebukuro 1-chome, Toshima-ku, Tokyo, 1710021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/035

(11) WO 2004/097508 (13) A1

(21) PCT/IT2003/000269

(22) 30 Apr/avr 2003 (30.04.2003)

(25) it (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COUPLED-WAVEGUIDE ELECTRO-OPTIC SWITCH BASED ON POLARISATION CONVERSION

• COMMUTATEUR ELECTRO-OPTIQUE A GUIDE D'ONDES COUPLE BASE

SUR UNE CONVERSION DE POLARISATION

(71) PIRELLI & C.S.p.A [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRESPI, Paola [IT/IT]; c/o Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). SOCCI, Luciano [IT/IT]; c/o Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(74) POSTIGLIONE, Ferruccio et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/13

(11) WO 2004/097509 (13) A1

(21) PCT/JP2003/005359

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM FOR PRODUCING PASTED SUBSTRATE

• SYSTÈME DE PRODUCTION D'UN SUBSTRAT CONTRECOLLÉ

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(72) NAKASHIMA, Katsuhiko; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP). KASUYA, Noriaki; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP). OHNO, Takuya; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP). MIYAJIMA, Yoshimasa; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).

(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).

(81) CN JP KR.

(51)⁷ G02F 1/1333, 1/133

(11) WO 2004/097510 (13) A1

(21) PCT/JP2003/005494

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE

(71) TOTOKU ELECTRIC CO., LTD. [JP/JP]; 3-21, Okubo 1-chome, Shinjuku-ku, Tokyo 169-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIDUME, Hideki [JP/JP]; c/o Uedakoujyou, Totoku Electric Co., Ltd., 300, Ohya, Ueda-shi, Nagano 386-0192 (JP). HAYASHI, Shigeo [JP/JP]; c/o Uedakoujyou, Totoku Electric Co., Ltd., 300, Ohya, Ueda-shi, Nagano 386-0192 (JP). HATANAKA, Masao [JP/JP]; c/o Uedakoujyou, Totoku Electric Co., Ltd., 300, Ohya, Ueda-shi, Nagano 386-0192 (JP).

(74) ARICHIKA, Shinshiro; 30-23, Takadanobaba 4-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G02F 1/1335, G02B 5/04, 5/02

(11) WO 2004/097511 (13) A1

(21) PCT/JP2004/005255

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003-122432 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIQUID CRYSTAL DISPLAY DEVICE

• DISPOSITIF AFFICHEUR A CRISTAUX LIQUIDES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKANO, Minoru [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/13357, 1/1335, G02B 6/00

(11) WO 2004/097512 (13) A1

(21) PCT/IB2004/050538

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en
(30) 03101228.9 **2 May/mai 2003** EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FRONT LIGHT FOR DIFFUSELY REFLECTING DISPLAYS
• ECLAIRAGE FRONTAL POUR AFFICHEURS A REFLEXION DIFFUSE

(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) BLOM, Saskia, M., P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CORNELISSEN, Hugo, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JAK, Martin, J., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DER WEL, Pieter, J., C. [BE/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).

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 G02F 1/13357

(11) WO 2004/097513 (13) A1

(21) PCT/KR2004/001007

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0027987 **1 May/mai 2003** KR
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BACK LIGHT FOR DISPLAY DEVICE
• RETRO-ECLAIRAGE POUR DISPOSITIF D'AFFICHAGE

(71) WOYOUNG CO., LTD. [KR/KR]; 632-39 Chang2-dong, Dobong-gu, Seoul 132-922 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Ki-Jeom [KR/KR]; 3F, Yuhwa Building 995-16 Daechi-dong, Kangnam-gu, Seoul 135-847 (KR). KIM, Dae-Hyun [KR/KR]; 115-1503 Samsung Apt. 45 Chang-dong, Dobong-gu, Seoul 132-782 (KR). KONG, Sung-Hyun [KR/KR]; 593-22 Chang-dong, Dobong-gu, Seoul 132-919 (KR).

(74) LEE, Young-Pil; The Cheonghwa Bldg. 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 G02F 1/35, G02B 6/16

(11) WO 2004/097514 (13) A1

(21) PCT/GB2004/001557

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/425,807 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL WAVEGUIDE
• GUIDE D'ONDES OPTIQUES

(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, 75) EPWORTH, Richard [GB/GB]; 18 Seymour Mews, Sawbridgeworth, Hertfordshire CM21 0BD (GB). HANDEREK, Vincent [GB/GB]; 4 Richmond Road, Grays, Essex RM17 6DW (GB). ROBINSON, Alan [GB/GB]; 84 Northbrooks, Harlow, Essex CM19 4DE (GB).

(74) ANDERSON, Angela; Nortel Networks, Intellectual Property Law Group, London Road, Harlow, Essex CM17 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 G03B

(11) WO 2004/097515 (13) A2

(21) PCT/US2004/012561

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/422,121 **24 Apr/avr 2003** US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CAMERA MOUNT
• MONTURE DE CAMERA

(71) HOLMES, Joseph, T. [US/US]; 7 River Street, Westford, MA 01886 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DALEY, Shawn, Michael [US/US]; 426 Main Street, West Townsend, MA 01474 (US).

(74) VANSTONE, Darlene, A. et al. / etc.; Elmore Craig, P.C., 209 Main Street, Chelmsford, MA 01863 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097516 (13) A2

(21) PCT/US2004/013103

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,732 **24 Apr/avr 2003** US
(24.04.2003)

(30) 10/713,919 **26 Apr/avr 2004** US
(26.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOLID STATE LIGHT ENGINE OPTICAL SYSTEM
• SYSTEME OPTIQUE DE MECANISME D'ECLAIRAGE MONOBLOC

(71) CHROMOMOTION IMAGING APPLICATIONS, INC. [US/US]; 1 Harbor Drive, Suite 200, Sausalito, CA 94965 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARCIA, Kevin, J. [US/US]; 8261 E. Placita del Oso, Tucson, AZ 85750 (US). RUDA, Mitchell, C. [US/US]; 660 S. Freeman Road, Tucson, AZ 85748 (US). STUHLINGER, Tilman [US/US]; 5541 North Skyset Loop, Tucson, AZ 85750 (US).

(74) KODA, H., Henry et al. / etc.; Koda & Androlia, 2029 Century Park East, Suite 1430, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03C 5/00

(11) WO 2004/097517 (13) A1

(21) PCT/US2004/012288

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/422,477 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INKJET PRINthead NOZZLE PLATE
• PLAQUE A BUSES POUR TETE D'IMPRESSION PAR JET D'ENCRE

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) PATIL, Girish, S.; 2345 Golden Oak Drive, Lexington, KY 40515 (US).

(74) BARKER, Scott, N.; Lexmark International, Inc., 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03F

(11) WO 2004/097518 (13) A2

(21) PCT/US2004/012313

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/423,642 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD OF FORMING STEPPED STRUCTURES EMPLOYING IMPRINT LITHOGRAPHY

• PROCEDE DE FORMATION DE STRUCTURES ETAGEES PAR LITHOGRAPHIE NANO-IMPRINT

(71) MOLECULAR IMPRINTS, INC. [US/US]; 1807-C West Braker Lane, Suite 100, Austin, TX 78758-3605 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) SREENIVASAN, Sidigata, V.; 10502 Grand Oak Drive, Austin, TX 78750-3858 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097519 (13) A2

(21) PCT/US2004/012506

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/423,827 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND MARK FOR METROLOGY OF PHASE ERRORS ON PHASE SHIFT MASKS

• METHODE ET MARQUE POUR UNE METROLOGIE D'ERREURS DE PHASE SUR DES MASQUES DE DECALAGE DE PHASE

(71) KLA-TENCOR TECHNOLOGIES CORPORATION [US/US]; One Technology Drive, Milpitas, CA 95035 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADEL, Michael [IL/IL]; 14 Yigal Alon Street, 30900 Zichron Ya'akov (IL). GHINOVKER, Mark [IL/IL]; 812/22 Shalom Aleichem Street, 10500 Migdal Haemek (IL). MACK, Chris, A. [US/US]; 1605 Watchhill Road, Austin, TX 78703 (US).

(74) OLYNICK, Mary, R.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097520 (13) A2

(21) PCT/US2004/012714

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,062 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIBER LASER-BASED EUV-LITHOGRAPHY

• LITHOGRAPHIE EUV UTILISANT UN LASER A FIBRE

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOUROU, Gerard, A. [US/US]; 4151 Thornoaks Dr., Ann Arbor, MI 48104 (US). GALVANASKAS, Almantas [LT/US]; 4963 Ravine Ct., Ann Arbor, MI 48104 (US). THEOBALD, Wolfgang [DE/US]; 16, Pond Valley Circle, Penfield, NY 14526 (US). NEES, John [US/US]; 2520 Victoria, Ann Arbor, MI 48104 (US). HOU, Bixue [CN/US]; 1666 Cram Circle #3, Ann Arbor, MI 48104 (US).

(74) FORBIS, Glenn, E.; Rader, Fishman & Grauer PLLC, 39533 Woodward Avenue, Suite 140, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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 G03F 1/08

(11) WO 2004/097521 (13) A1

(21) PCT/JP2003/005523

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL PROXIMITY EFFECT CORRECTION VERIFICATION METHOD
• PROCEDE DE VERIFICATION DE CORRECTION D'EFFET DE PROXIMITE 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) OKADA, Tomoyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). MINEMURA, Masahiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). SAKURAI, Mitsuo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). TSUJIMURA, Ryo [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 G03F 7/028

(11) WO 2004/097522 (13) A1

(21) PCT/KR2004/000992

(22) 29 Apr/avr 2004 (29.04.2004)

(25) ko (26) en

(30) 10-2003-0027860 30 Apr/avr 2003 KR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NEGATIVE RESIST COMPOSITION FOR ORGANIC INSULATOR OF HIGH APERTURE LCD
• COMPOSITION DE MATIERE DE PROTECTION NEGATIVE POUR ISOLANT ORGANIQUE DE LCD A GRANDE OUVERTURE

(71) ADMS TECHNOLOGY CO. LTD. [KR/KR]; 459-3 Sindae-ri, Seo-myeon, Yeongi-gun, Chungcheongnam-do 339-811 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Young-Keun [KR/KR]; 103-1005 Wolbong Daewoo Apt., Ssangyong 2-dong, Cheonan-si, Chungcheongnam-do 330-781 (KR). CHOI, Suk-Young [KR/KR]; 127-1104 Hanbit Apt., Gung-dong, Yuseong-gu, Daejeon 305-335 (KR). CHA, Hyuk-Jin [KR/KR]; 2-1502 Garam Apt., Samcheon-dong, Seo-gu, Daejeon 302-744 (KR). LEE, Jae-Hwan [KR/KR]; 108-1604 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). LEE, Keun-Joo [KR/KR]; 101-304 Hanhwa Apt., Sangok 2-dong, Bupyeong-gu, Incheon 403-773 (KR). RYU, Mi-Sun [KR/KR]; 108-409 Hwangsil Town Apt., Wolpyeong-dong, Seo-gu, Daejeon 302-280 (KR). PAE, You-Lee [KR/KR]; 105-1204 Chonggu Narac Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-729 (KR). SEO, Hyun-Jin [KR/KR]; 1064-29 Bongdeok 2-dong, Nam-gu, Daegu 705-828 (KR). WOO, Seung-Woo [KR/KR]; 94-25 Sugok 1-dong, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do 361-836 (KR). WOO, Je-Sun [KR/KR]; 148-5 Gwangcheon-ri, Gwangcheon-eup, Hongseong-gun, Chungcheongnam-do 350-902 (KR). YOO, Kwon-Yil [KR/KR]; 335-108 Jungnosong 1-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-827 (KR). LEE, Su-Hyun [KR/KR]; 182-17 Songjeong-dong, Haeundae-gu, Busan 612-040 (KR). JEONG, Yong-Man [KR/KR]; 106-610 Cheongbaek Apt., Wolgye 2-dong, Nowon-gu, Seoul 139-913 (KR). CHOI, Bum-Young [KR/KR]; 105-520 Pyeonghwa Jugong Apt., Pyeonghwa 1-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-281 (KR). HAN, Cheol [KR/KR]; 105-2005 Neulpureun Apt., Jeongnim-dong, Seo-gu, Daejeon 302-760 (KR). KIM, Woong [KR/KR]; 802-802 Gubong Maeul, Gwanjeong-dong, Seo-gu, Daejeon 302-902 (KR). JUNG, Nak-Chil [KR/KR]; 102-1201 Chamiseul Apt., Hapjeong-dong, Pyeongtaek-si, Gyeonggi-do 450-761 (KR). HONG, Seong-Jae [KR/KR]; 405-1604 Wonang Maeul, Gwanjeong-dong, Seo-gu, Daejeon 302-904 (KR). KIM, Min-Ji [KR/KR]; 48-43 Goejeong-dong, Seo-gu, Daejeon 302-814 (KR). CHOI, Young-Soo [KR/KR]; 112-23 Uam 1-dong, Nam-gu, Busan 608-842 (KR). JUNG, Sang-Hyup [KR/KR]; 776-1 Gyesan 1-dong, Gyeyang-gu, Incheon 407-803 (KR). CHOI, Jae-Lok [KR/KR]; 1255-3 Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-836 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) G03F 7/033, B41M 1/04

(11) WO 2004/097523 (13) A1

(21) PCT/EP2004/050635

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03076253.8 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PHOTOPOLYMERIZABLE COMPOSITIONS AND FLEXOGRAPHIC PRINTING PLATES DERIVED THEREFROM
• COMPOSITIONS PHOTOPOLYMERISABLES ET PLAQUES D'IMPRESSION FLEXOGRAPHIQUE DERIVEES DE CELLES-CI

(71) KRATON POLYMERS RESEARCH B.V. [NL/NL]; Intellectual Property Services, PO Box 37666, NL-1030 Bh Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUYLDERMANS, Xavier [BE/BE]; Kraton Polymers Research S.A., Monnet Centre, Avenue Jean Monnet 1, B-1348 Ottignies-Louvain-La-Neuve (BE). ROUMACHE, Olivier [BE/BE]; Kraton Polymers Research S.A., Monnet Centre, Avenue Jean Monnet 1, B-1348 Ottignies-Louvain-La-Neuve (BE).

(74) KORTEKAAS, Marcel; Kraton Polymers Research B.V., Intellectual Property Services, P.O. Box 37666, NL-1030 Bh 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 G03F 7/039, 7/004

(11) WO 2004/097524 (13) A1

(21) PCT/JP2004/005402

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-125242 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POSITIVE RESIST COMPOSITION AND METHOD OF FORMATION OF RESIST PATTERNS
• COMPOSITION DE RESIST POSITIVE ET PROCEDE DE FORMATION DE MODELES DE RESIST

(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) **HOJO, Takuma** [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). **ISHIKAWA, Kiyoshi** [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G03F 7/039, 7/004, C07C 69/96, 43/17, C08G 77/38, C08F 8/00, 20/28, 12/24**

(11) **WO 2004/097525** (13) A1

(21) PCT/JP2004/005410

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) ja (26) ja

(30) 2003-124319 **28 Apr/avr 2003 JP (28.04.2003)**

(30) 2003-391139 **20 Nov/nov 2003 JP (20.11.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **PHOTORESIST COMPOSITION AND, USED IN THE PHOTORESIST COMPOSITION, LOW-MOLECULAR COMPOUND AND HIGH-MOLECULAR COMPOUND**

• **COMPOSITION DE PHOTORESIST**

(71) **TOKYO OHKA KOGYO CO. LTD.** [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGATA, Toshiyuki** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP). **ENDO, Kotaro** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP). **TSUJI, Hiromitsu** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP). **YOSHIDA, Masaaki** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP). **SATO, Mitsuru** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (JP). **MATSUMARU, Syogo** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku,

Kawasaki-shi, Kanagawa, 2110012 (JP). **HADA, Hideo** [JP/JP]; c/o TOKYO OHKA KOGYO CO., LTD., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110012 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097526** (13) A1

(21) PCT/JP2004/005804

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) ja (26) ja

(30) 2003-125241 **30 Apr/avr 2003 JP (30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **POSITIVE PHOTORESIST COMPOSITION AND METHOD FOR FORMING RESIST PATTERN**

• **COMPOSITION DE PHOTORESINE POSITIVE ET PROCEDE DE FORMATION D'UN MOTIF EN RESINE**

(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) **HOJO, Takuma** [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). **ISHIKAWA, Kiyoshi** [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). **NAKAMURA, Tsuyoshi** [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). **MATSUMIYA, Tasuku** [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097527** (13) A2

(21) PCT/DE2004/000924

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) de (26) de

(30) 103 19 154.2 **29 Apr/avr 2003 DE (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MASKLESS LITHOGRAPHIC SYSTEM**
• **SYSTEME LITHOGRAPHIQUE SANS MASQUE**

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastr. 27c, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALF, Godhard** [DE/DE]; Riemelsterstr. 15, 14169 Berlin (DE). **KUHLLOW, Berndt** [DE/DE]; Frohnauer Strasse 7, 13467 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 **G03F 7/20**

(11) **WO 2004/097528** (13) A2

(21) PCT/IB2004/001267

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 60/466,490 **29 Apr/avr 2003 US (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **SYSTEM AND METHOD FOR CHARACTERIZING LITHOGRAPHY EFFECTS ON A WAFER**

• **PROCEDE ET METHODE D'IDENTIFICATION D'EFFETS LITHOGRAPHIQUES SUR UNE PLAQUETTE**

(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) **ZIGER, David** [US/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US). **QIAN, Steven** [CN/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o **LESTER, Shannon**, 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁵ G03G 5/02

(11) **WO 2004/097529** (13) A1

(21) PCT/JP1993/001380

(22) **28 Sep/sep 1993 (28.09.1993)**

(25) ja (26) ja

(30) 4-261141 **30 Sep/sep 1992 JP (30.09.1992)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **ELECTROSTATIC RECORDING MEDIUM HAVING LATENT IMAGE CHARGE TRAP METHOD OF FORMATION OF THE LATENT CHARGE TRAP, AND ELECTROSTATIC DATA RECORDING/REPRODUCTION METHOD**

• **SUPPORT D'ENREGISTREMENT ELECTROSTATIQUE ET PROCEDE DE FORMATION D'UN PIEGE POUR CHARGE D'IMAGE LATENTE ; SUPPORT D'ENREGISTREMENT/REPRODUCTION DE DONNEES**

(71, 72) **AONO, Takashi** [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, Tokyo 162 (JP). **TSURUOKA, Yoshiaki** [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, Tokyo 162 (JP). **IJIMA, Masayuki** [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, Tokyo 162 (JP). **SUGIYAMA, Kayoko** [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku, Tokyo 162 (JP).

(74) **UCHIDA, Nobuhiko et al.** / etc.; Azusa Patent Office, Sairakudo Bldg., 7th Floor,

18-11, Ueno 1-Chome, Taito-ku, Tokyo 110 (JP).

(81) US.

Published / Publiée : (e): 03Jun/juin 1997 (03.06.1997), 5635971

(51)⁷ G03G 9/093, 9/087, C09D 167/04, C12P 7/62, C12N 11/00

(11) **WO 2004/097530** (13) A1

(21) PCT/JP2004/006349

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 2003-127508 **2 May/mai 2003 JP (02.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **STRUCTURE AND METHOD FOR PRODUCING STRUCTURE, TONER CONTAINING STRUCTURE, IMAGE FORMING METHOD AND DEVICE USING TONER**

• **STRUCTURE, PROCEDE DE PRODUCTION DE CETTE STRUCTURE, POUDRE D'IMPRESSION CONTENANT UNE TELLE STRUCTURE, PROCEDE DE FORMATION D'IMAGE, ET DISPOSITIF UTILISANT CETTE POUDRE D'IMPRESSION**

(71) **CANON KABUSHIKI KAISHA** [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANO, Tetsuya** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **NOMOTO, Tsuyoshi** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **KOZAKI, Shinya** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **IMAMURA, Takeshi** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). **HONMA, Tsutomu** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(74) **OKABE, Masao et al.** / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03G 15/10

(11) **WO 2004/097531** (13) A1

(21) PCT/JP2004/005949

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-126432 **1 May/mai 2003 JP (01.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **LIQUID DEVELOPING ELECTROPHOTOGRAPHIC APPARATUS**

• **APPAREIL ELECTROPHOTOGRAPHIQUE A DEVELOPPEMENT LIQUIDE**

(71) **PFU LIMITED** [JP/JP]; 98-2, Nu, Unoke, Kahoku-shi, Ishikawa 9291192 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HONGAWA, Hironaga** [JP/JP]; c/o PFU Limited, 98-2, Nu, Unoke Kahoku-shi, Ishikawa 9291192 (JP). **YAMANADA, Kazuto** [JP/JP]; c/o PFU Limited, 98-2, Nu, Unoke Kahoku-shi, Ishikawa 9291192 (JP).

(74) **OHKAWA, Yuzuru**; Kaimei Patent Office Sankyo Central Plaza Building 5F, 11-8, Nishi-Nippori 5-chome, Arakawa-ku, Tokyo 116-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 15/16, 21/00

(11) **WO 2004/097532** (13) A1

(21) PCT/JP2004/005840

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) ja (26) ja

(30) 2003-126446 **1 May/mai 2003 JP (01.05.2003)**

(30) 2004-065433 **9 Mar/mar 2004 JP (09.03.2004)**

(30) 2004-121372 **16 Apr/avr 2004 JP (16.04.2004)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **IMAGE FORMING DEVICE**

• **DISPOSITIF DE FORMATION D'IMAGE**

(71) **CANON KABUSHIKI KAISHA** [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku Tokyo, 1468501 (JP).

(72) **ONO, Toru**; 16-3, Mizukino 5-chome, Moriya-shi, Ibaraki, 3020121 (JP). **SATO, Akihiko**; Alfatown Tennenhdai C-202, 13-6, Tennenhdai 4-chome, Abiko-shi Chiba, 2701143 (JP). **TAKATA, Shin-ichi**; 7-20-204, Shibasakidai 4-chome, Abiko-shi, Chiba, 2701176 (JP). **HAMANO, Shigemichi**; View Park Yamamo 211goh, 18-7, Shibasakidai 3-chome, Abiko-shi, Chiba, 2701176 (JP). **OKA, Yushi**;

- Touwa-tennohdai High Town 2-1201, 5, Tennohdai 5-chome, Abiko-shi, Chiba, 2701143 (JP). **MORITA, Kenji**; Windmill B302, 4930, Ino, Toride-shi, Ibaraki, 3020011 (JP).
- (74) **NIWA, Hiroyuki** et al. / etc.; NIWA PATENT OFFICE Nihon Seimei Shimbashi Bldg. 18-16, Shimbashi 1-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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G04B**
- (11) **WO 2004/097533** (13) A2
- (21) PCT/CH2004/000265
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) de (26) de
- (30) 780/03 **2 May/mai 2003 CH (02.05.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **DOUBLE SIDED TOURBILLON**
• **TOURBILLON DOUBLE FACE**
- (71, 72) **JANSEN, Rob, E., A.** [NL/NL]; Van Lyndenlaan, NL-3768 ME Sust (NL).
- (72, 75) **LAGLER, Louis** [CH/CH]; Nürenbergstrasse 25, CH-8037 Zürich (CH).
- (74) **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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G04B 17/06, F16F 1/10**
- (11) **WO 2004/097534** (13) A1
- (21) PCT/IB2004/001389
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) fr (26) fr
- (30) 03009603.6 **29 Apr/avr 2003 EP (29.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **CONTROL MEMBER WITH A BALANCE WHEEL AND A PLANAR**

- SPIRAL FOR A WATCH OR CLOCK MOVEMENT
- **ORGANE DE REGULATION A BALANCIER ET SPIRAL PLAN POUR MOUVEMENT D'HORLOGERIE**
- (71) **PATEK PHILIPPE S.A.** [CH/CH]; 141, chemin du Pont-du-Centenaire, CH-1228 Plan-Les-Ouates (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUSY, Jean-Pierre** [CH/CH]; Chemin du Sidan 5, CH-1268 Begnins (CH). **MAIER, Frédéric** [CH/CH]; Valangines 76, CH-2000 Neuchâtel (CH). **BELOT, Michel** [FR/CH]; Rue du Sentier 13, CH-2013 Colombier (CH).
- (74) **MICHELI, &, CIE.**; 122, rue de Genève, CP61, CH-1226 Thonex (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ **G04B 19/24**
- (11) **WO 2004/097535** (13) A1
- (21) PCT/CH2004/000232
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) fr (26) fr
- (30) 03405292.8 **25 Apr/avr 2003 EP (25.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **DATE INDICATOR MECHANISM FOR WATCH MOVEMENT**
• **MECANISME INDICATEUR DE QUANTIEME POUR MOUVEMENT DE MONTRE**
- (71, 72) **CRETTEX, Frédéric** [CH/CH]; Boulevard des Philosophes no 16, CH-1205 Genève (CH).
- (74) **GLN; Gresset & Laesser Neuchâtel, Puits-Godet 8A, CH-2000 Neuchâtel (CH).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **G04F 13/00**
- (11) **WO 2004/097536** (13) A2
- (21) PCT/FR2004/050170
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) fr (26) fr
- (30) 0305012 **24 Apr/avr 2003 FR (24.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **DEVICE FOR MANEUVERING B A SUSPENDED DEVICE Y VERTICAL MOVEMENT USING ELECTRICAL ENERGY**
• **DISPOSITIF POUR MANOEUVRER EN TRANSLATION VERTICALE UN APPAREIL SUSPENDU ET UTILISANT DE L'ENERGIE ELECTRIQUE**
- (71, 72) **LECOMTE, Michel** [FR/FR]; 34, Bd des Belges, F-44300 NANTES (FR). **PICHON, Marc** [FR/FR]; 93, rue François Coppée, F-29200 BREST (FR).
- (74) **RHEIN, Alain**; CABINET BLEGER-RHEIN, 8, Avenue Pierre Mendès France, F-67300 SCHILTIGHEIM (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 **G05B**
- (11) **WO 2004/097537** (13) A2
- (21) PCT/US2004/013270
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 10/425,844 **29 Apr/avr 2003 US (29.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **POWER POSITIONER FOR POWER TONG UNITS**
• **POSITIONNEUR DE PUISSANCE DESTINE A DES UNITES DE CLE DE VISAGE A COMMANDE PNEUMATIQUE**
- (71, 72) **ROGERS, Tommie, L.** [US/US]; 702 Crestlawn Drive, Lafayette, LA 70503 (US).
- (74) **LAMBERT, Jesse, D.**; P.O. Box 3507, Lafayette, LA 70502 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 G05B 19/406, H02P 5/52, B65B 19/28

(11) WO 2004/097538 (13) A1

(21) PCT/EP2004/001834

(22) 25 Feb/fév 2004 (25.02.2004)

(25) de (26) de

(30) 103 19 064.3 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR CONTROLLING A PRODUCTION UNIT
• PROCEDE ET DISPOSITIF DE COMMANDE D'UNE UNITE DE FABRICATION

(71) FOCKE & CO. (GMBH & CO. KG) [DE/DE]; Siemensstrasse 10, 27283 Verden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINKE, Wolfgang [DE/DE]; Bertramstrasse 96, 13467 Berlin (DE).

(74) BOLTE, Erich; Meissner, Bolte & Partner, Hollerallee 73, 28209 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, H04L 9/18, 12/403

(11) WO 2004/097539 (13) A1

(21) PCT/EP2004/003852

(22) 10 Apr/avr 2004 (10.04.2004)

(25) de (26) de

(30) 103 20 522.5 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR CONTROLLING A SAFETY-CRITICAL PROCESS
• PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER UN PROCESSUS CRITIQUE EN TERMES DE SECURITE

(71) PILZ GMBH & CO. [DE/DE]; Felix-Wankel-Strasse 2, 73760 Ostfildern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEIZINGER, Dietmar [DE/DE]; Jusistrasse 11, 73760 Ostfildern (DE).

(74) DUHME, Torsten et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05D 1/00

(11) WO 2004/097540 (13) A2

(21) PCT/FR2004/001032

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05191 28 Apr/avr 2003 FR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MAPPING A ZONE TO BE TREATED AND DEVICE THEREFOR

• PROCEDE POUR LA CARTOGRAPHIE D'UNE ZONE A TRAITER ET SON DISPOSITIF DE MISE EN OEUVRE

(71) UNIVERSITE DE TECHNOLOGIE DE COMPIEGNE [FR/FR]; Rue Roger Couttolenc, F-60200 Compiègne (FR). GRADIENT [FR/FR]; 66, avenue de Landshut, F-60200 Compiègne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PANTALEAO, Florian [FR/FR]; 147, rue de Calais, F-60000 Beauvais (FR). MEIZEL, Dominique [FR/FR]; 8F, rue de Bournonville, F-60200 Compiègne (FR).

(74) BREESE, Pierre et al. / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/08

(11) WO 2004/097541 (13) A1

(21) PCT/GB2004/001846

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310010.4 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTROL SYSTEM FOR CRAFT AND A METHOD OF CONTROLLING CRAFT

• SYSTEME DE COMMANDE D'APPAREIL ET PROCEDE DE COMMANDE D'APPAREIL

(71) MASS CONSULTANTS LIMITED [GB/GB]; Grove House, Rampley Lane, Little Paxton, St Neots, Cambridgeshire PE19 6EL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEWTON, John, William [GB/GB]; 19, Abbey Walk, Heath & Reach, Leighton Buzzard, Beds LU7 0BJ (GB).

(74) FOX-MALE, Nicholas, H.; Eric Potter Clarkson, Park View House, 58 The Rope-walk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/02, B01F 15/04

(11) WO 2004/097542 (13) A1

(21) PCT/IB2004/001182

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 2003/3410 2 May/mai 2003 ZA (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEASURING APPARATUS

• APPAREIL DE MESURE

(71, 72) VAN ZYL, Lourens, Mathys [ZA/ZA]; Farm Alpha, Humansdorp District, 6300 Humansdorp (ZA). LETHBRIDGE, Duncan, Stuart [ZA/ZA]; 22 Sardinia Road, 6312 St Francis Bay (ZA).

(74) RUSSELL, Claire, Louise; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G05F 3/24**
- (11) **WO 2004/097543** (13) A1
- (21) PCT/JP2004/005001
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) ja (26) ja
- (30) 2003-123000 **25 Apr/avr 2003** JP
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SEMICONDUCTOR DEVICE
• DISPOSITIF A SEMI-CONDUCTEUR
- (71) **SEMICONDUCTOR ENERGY LABORATORY CO. LTD.** [JP/JP]; 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Hajime** [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G06F**
- (11) **WO 2004/097545** (13) A2
- (21) PCT/CA2004/000613
- (22) **30 Apr/avr 2004 (30.04.2004)**
- (25) en (26) en
- (30) 60/466,792 **1 May/mai 2003** US
(01.05.2003)
- (30) 2,427,697 **1 May/mai 2003** CA
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METHOD OF EXECUTING A COMPUTER PROGRAM
• PROCEDE DE TRAITEMENT D'UN PROGRAMME INFORMATIQUE
- (71) **MAZ LABORATORY** [CA/CA]; 279 Sherbrooke Street West, Suite 301, Montreal, Quebec H2X 1Y2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROWN, Hans-Frederick** [CA/CA]; 5743 Jeanne-Mance, Montreal, Quebec H2V 4K7 (CA). **DROUIN, Sylvio** [CA/CA]; 3550 Jeanne-Mance, Apt. E2501, Montreal, Quebec H2X 3P7 (CA).
- (74) **OGILVY RENAULT**; 1981 McGill College Avenue, Suite 1600, Montréal, 10 H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **G05G 1/14**
- (11) **WO 2004/097544** (13) A1
- (21) PCT/SE2004/000613
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 0301264-8 **30 Apr/avr 2003** SE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PEDAL ARRANGEMENT
• SYSTEME PEDALE
- (71) **KONE CARGOTEC PATENTER HB** [SE/SE]; C/O Kalma Industries AB, Box 4004, S-341 81 Ljungby (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LÖNN, Jan** [SE/SE]; Prästtorpsvägen 3, S-340 14 Lagan (SE).
- (74) **L-O LUNDQUIST PATENTBYRA AB**; Box 80, S-651 03 Karlstad (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.
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÜSGEN, Ralph** [DE/DE]; Naturbadstr. 52, 91056 Erlangen (DE). **LANGE, Ronald** [DE/DE]; Virchowstr. 28, 90766 Fürth (DE). **TALANIS, Thomas** [GR/DE]; Adenauerstr. 22, 91336 Heroldsbach (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 **G06F**
- (11) **WO 2004/097547** (13) A2
- (21) PCT/IB2004/001321
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 10/429,130 **2 May/mai 2003** US
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • IMS CONFERENCING POLICY LOGIC
• LOGIQUE DE REGLES D'ACCES A UNE CONFERENCE DANS UN SOUS-SYSTEME MULTIMEDIA IP (IMS)
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)
- (72, 75) **COSTA-REQUENA, Jose** [ES/FI]; Karjalankatu 11 a 11, FIN-00520 Helsinki (FI). **KHARTABIL, Hisham** [AU/FI]; Eteläinen Rautatiekatu 16a A 3, FIN-00100 Helsinki (FI). **JALAVA, Teemu** [FI/FI]; Neulaspolku 1 a 10, FIN-02110 Espoo (FI). **KUUSINEN, Jarmo** [FI/FI]; Näsilinnankatu 40 C 23, FIN-33200 Tampere (FI). **ISOMÄKI, Markus** [FI/FI]; Planctankkuja 4 A 2, FIN-02210 Espoo (FI). **KOSKE-LAINEN, Petri** [FI/FI]; Mustaladenkatu 20 C 166, FIN-33210 Tampere (FI).
- (74) **MAGUIRE, Francis, J. et al.** / etc.; WARE, FRESSOLA, VAN DER SLUYS & ADOLPHSON LLP, 755 Main Street, PO Box 224, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097548** (13) A2
- (21) PCT/US2003/025611
- (22) **15 Aug/août 2003 (15.08.2003)**
- (25) en (26) en
- (30) 60/458,600 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEM AND METHOD FOR MANAGING POSTAL INDUCTION, TRACKING, AND DELIVERY
- SYSTEME ET PROCEDE POUR LA PRISE EN CHARGE, LE SUIVI, ET LA LIVRAISON DE COURRIER
- (71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Room 6533, Washington, DC 20260-1136 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASHAARI, Shahpour** [US/US]; 1941 Windjammer Way, Gaithersburg, MD 20879 (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street N.W., Washinton, D.C. 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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**
- (11) **WO 2004/097549** (13) A2
- (21) PCT/US2003/026235
- (22) **22 Aug/août 2003 (22.08.2003)**
- (25) en (26) en
- (30) 60/460,595 **3 Apr/avr 2003 US (03.04.2003)**
- (30) 10/453,769 **3 Jun/juin 2003 US (03.06.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEM AND METHOD FOR BETTING ON A SUBSET OF PARTICIPANTS IN AN EVENT
- SYSTEME ET PROCEDE DESTINES A PARIER SUR UN SOUS-ENSEMBLE

- DE PARTICIPANTS A UN EVENEMENT
- (71) **CANTOR INDEX LLC** [US/US]; 135 E. 57th Street, New York, NY 10022 (US).
- (72) **AMAITIS, Lee, M.**; 20 Porchester Terrace, London W2 3TL (GB). **ASHER, Joseph, M.**; 321 W. 76th Street, Apartment 2A, New York, NY 10023 (US). **BURGIS, Adam**; 31a Lorne Road, Finsbury Park, London N4 3RU (GB). **CROSTHWAITE, Dominic**; Flat 2, 88 Huron Road, London SW17 8RD (GB).
- (74) **BHAVSAR, Samir, A.**; Baker Botts L.L.P., 2001 Ross Ave, Suite 600, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations

- (51)⁷ **G06F**
- (11) **WO 2004/097550** (13) A2
- (21) PCT/US2003/029649
- (22) **19 Sep/sep 2003 (19.09.2003)**
- (25) en (26) en
- (30) 60/460,221 **16 Apr/avr 2003 US (16.04.2003)**
- (30) 60/496,489 **20 Aug/août 2003 US (20.08.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ONLINE MARKETPLACE FOR FOOD, LIQUOR, BANQUET & DEEJAY INDUSTRY IN AN AUCTION, NAME YOUR PRICE AND FIXED PRICE SETUP
- VENTE AUX ENCHERES DE SERVICES DE RESTAURATION, DE LIVRAISON DE BOISSONS ALCOOLISEES, DE PREPARATION DE BANQUETS ET D'ANIMATION MUSICALE, ET ETABLISSEMENT DE PRIX A L'ENCAN ET DE PRIX FIXES DANS UN MARCHÉ EN LIGNE
- (71, 72) **QURESHI, Sarfaraz** [US/US]; Farimira Technologies, PO Box 2819, San Ramon, CA 94583 (US). **QURESHI, Nosheen** [US/US]; Farimira Technologies, PO Box 2819, San Ramon, CA 94583 (US).
- (81) AE AG 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).

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 **G06F**
- (11) **WO 2004/097551** (13) A2
- (21) PCT/US2004/010620
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) en (26) en
- (30) 10/422,797 **25 Apr/avr 2003 US (25.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • BANKING PROCESS AND APPLICATION ARCHITECTURE
- PROCEDE BANCAIRE ET ARCHITECTURE D'APPLICATION
- (71) **SAP AKTIENGESELLSCHAFT** [US/US]; 3410 Hillview Ave., Palo Alto, CA 94394-1395 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHROTER, Martin, Walter** [DE/DE]; Weinbergstr. 44, 76669 Bad Schoenborn (DE).
- (74) **CURRY, William, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG 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)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F

(11) WO 2004/097552 (13) A2

(21) PCT/US2004/010802

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/424,368 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR INTEGRATING PERSISTENT AND NON-PERSISTENT STORAGE IN AN INTEGRATED STORAGE AREA

• SYSTEME ET PROCEDE POUR L'INTEGRATION DE MEMOIRE PERSISTANTE ET NON PERSISTANTE DANS UNE ZONE DE MEMOIRE INTEGREE

(71) BSQUARE CORPORATION [US/US]; Sunset North Office Complex, Building 4, 3150 - 139th Avenue S.E., Suite 500, Bellevue, WA 98005 (US).

(72) RABOLD, Kenneth, F.; 18329 - 23rd Drive S.E., Bothell, WA 98012 (US).

(74) POWELL, Tracy, S.; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097553 (13) A2

(21) PCT/US2004/011892

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/464,962 24 Apr/avr 2003 US (24.04.2003)

(30) 10/674,432 1 Oct/oct 2003 US (01.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR ESTIMATING TRANSACTION COSTS RELATED TO TRADING A SECURITY

• SYSTEME ET PROCEDE D'ESTIMATION DES COUTS DE TRANSACTION AFFERENTS A L'ECHANGE D'UN TITRE

(71) ITG SOFTWARE SOLUTIONS, INC. [US/US]; 400 Corporate Pointe, 6th Floor, Culver City, CA 90230 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADHAVAN, Ananth [US/US]; 45 W. 60, Apt. 30A, New York, NY 10023 (US). ASRIEV, Artem, V. [US/US]; 7 James Street, Winchester, MA 01890 (US). BORKOVEC, Milan, P. [CZ/US]; 52 Joy Street, #11, Boston, MA 02114 (US).

(74) DELUCA, Vincent, M., et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, District of Columbia 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/097554 (13) A2

(21) PCT/US2004/012056

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,818 25 Apr/avr 2003 US (25.04.2003)

(30) 10/601,468 23 Jun/juin 2003 US (23.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SECURE MESSAGING CENTER

• CENTRE DE MESSAGERIE SECURISE

(71) AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC. [US/US]; American Express Tower, World Financial Center, New York, NY 10285-4900 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) DRAUGHON, Alex, J.; 10860 NW 21st Street, Coral Spings, FL 33071 (US). KELWALKER, Anil; 1211 Fair Lake Trace, #1412, Weston, FL 33326 (US). CINANNI, Richard; 3201 SE 11th Street, Pompano Beach, FL 33062 (US). DELGADO, Lucia; 1309 Asturia Avenue, Coral Gables, FL 33134 (US). PAYNE, Anna; 42304 North Astoria, Anthem, AZ 85086 (US). KIRNER, Patrice; 804 Cumberland Terrace, Davie, FL 33325 (US). VANKOSKI, Brett; 3514 Lancaster Avenue, #201, Philadelphia, PA 19014 (US). CHAI-CHANG, Janice; 2453 Eagle Run Drive, Weston, FL 33327 (US).

CORUPE, Allan; 5477 West Potter Drive, Glendale, AZ 85308 (US). ALLEN, John; 11180 NW 41st Street, Coral Springs, FL 33065 (US). MURPHY, Paul; 135 Pacific Street, New York City, NY 11201 (US). PRUETT, Miriam; 16451 North 59th Way, Scottsdale, AZ 85254 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097555 (13) A2

(21) PCT/US2004/012105

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/423,596 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR DIGITAL CONTENT MANAGEMENT AND DISTRIBUTION OF CONTENT STREAMS WITHIN A THEATRE ENVIRONMENT

• SYSTEME ET PROCEDE POUR LA GESTION DE CONTENU NUMERIQUE ET LA DISTRIBUTION DE FLUX DE CONTENU DANS UN ENVIRONNEMENT DE SALLE DE SPECTACLE

(71) AMERICAN MULTI-CINEMA, INC. [US/US]; 920 Main Street, Kansas City, MO 64105 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WHITCOMB, Shawn [US/US]; 11902 West 131st Terrace, Overland park, KS 66213 (US).

(74) KNOPS, Peter, C.; Lathrop & Gage LC, 2345 Grand Boulevard, Suite 2400, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097556 (13) A2

(21) PCT/US2004/012126

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/423,794 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIERARCHICAL SERVICE MANAGEMENT SYSTEM

• SYSTEME HIERARCHIQUE DE GESTION DE SERVICES

(71) IPOLICY NETWORKS, INC. [US/US]; 47467 Fremont Blvd, Fremont, CA 94538 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PAREKH, Pankaj; 44522 Gabrielino Way, Fremont, CA 94539 (US). GUPTA, Sandeep; 45, Anekan Apartments, Vasundhara Enclave, Delhi 110096 (IN). MAMTANI, Vijay; D1C/52-C Janak Puri, New Delhi, 110058 (IN). JAIN, Atul; 1646 Sector 29, Noida, 201303 (IN). AGARWAL, Sanjay, Kumar; 3A Mansarovar Apartments, Sector 61, Noida 201301 (IN).
(only for / seulement pour US)

(74) BOTJER, William, L.; P.O. Box 478, Center Moriches, NY 11934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097557 (13) A2

(21) PCT/US2004/012345

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/422,525 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISTRIBUTED CONTROL SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE COMMANDE DISTRIBUEE

(71) COLORADO VNET [US/US]; 255 East 6th Street, Loveland, CO 80537 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HESSE, Scott [US/US]; 6491 Ace Court, Longmont, CO 80503 (US). KIWIIMAGI, Gary, G. [US/US]; 5408 Arrowhead Drive, Greeley, CO 80634 (US). OGAWA, Craig

[US/US]; 4716 High Country Road, Loveland, CO 80537 (US).

(74) TRENNER, Mark, D. et al. / etc.; Trenner Law Firm, LLC, 12081 W. Alameda Pkwy #163, Lakewood, CO 80228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097558 (13) A2

(21) PCT/US2004/012451

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,583 25 Apr/avr 2003 US
(25.04.2003)(30) 10/730,624 8 Dec/déc 2003 US
(08.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERACTIVE REMOTE AUCTION BIDDING SYSTEM

• SYSTEME INTERACTIF D'OFFRE A DISTANCE DANS UNE VENTE AUX ENCHERES

(71) BIDCATCHER, P.C. [US/US]; 1909 Skelton Street, Flower Mound, TX 75028 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DINWOODIE, David, L. [US/US]; 1909 Skelton Street, Flower Mound, TX 75028 (US).

(74) PIPER, Michael, W.; Conley Rose, P.C., 5700 Granite Parkway, Suite 330, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/097559 (13) A2

(21) PCT/US2004/012606

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/423,284 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A COMBINED MODULAR KEYBOARD AND TABLET PC PROTECTIVE COVER

• CLAVIER MODULAIRE COMBINE ET COUVERTURE DE PROTECTION DE PC DE NUMERISEUR GRAPHIQUE

(71) MOTION COMPUTING, INC. [US/US]; 9433 Bee Caves Road, Austin, TX 78701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ULLA, Imran [US/US]; 13516 Albania Way, Austin, TX 78729 (US). WEST, Jefferson, B. [US/US]; 5417 Avenue B, Austin, TX 78751 (US).

(74) HULSEY, William, N., III et al. / etc.; Hulsey Grether + Fortkort LLP, Suite 3200, 8911 N. Capital of Texas Hwy., 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)

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 2004/097560 (13) A2

(21) PCT/US2004/012621

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,210 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEMS AND METHODS FOR INVESTMENT DECISION SUPPORT

• SYSTEMES ET PROCEDES D'AIDE A LA DECISION D'INVESTISSEMENT

(71) CASHFLOW TECHNOLOGIES, INC. [US/US]; 4330 N. Civic Center Plaza, Suite 101, Scottsdale, AZ 85251 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NELSON, Cory [US/US]; 3381 Day Star Circle, Corona, CA 92881 (US).

(74) ROGERS, David, E. et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/097561 (13) A2

(21) PCT/US2004/012658

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,960 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEMBERSHIP TOKEN LOYALTY PROGRAM

• PROGRAMME DE FIDELITE A JE-TONS D'ADHESION

(71) MBNA AMERICA BANK, N.A. [US/US]; 1100 N. King Street, Wilmington, DE 19844-0222 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WREN, Kevin, P. [US/US]; 1003 Berkeley Road, Wilmington, DE 19807 (US).
WAGNER, William, W. [US/US]; 1815 Masters Way, Chadds Ford, PA 19317 (US).

(74) SARTORI, Michael, A.; Venable LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 2004/097562 (13) A2

(21) PCT/US2004/012678

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,409 25 Apr/avr 2003 US
(25.04.2003)

(30) 60/465,835 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM TO FACILITATE BUILDING AND USING A SEARCH DATABASE

• PROCEDE ET SYSTEME DESTINES A FACILITER LA CONSTRUCTION ET L'UTILISATION D'UNE BASE DE DONNEES DE RECHERCHE

(71) EBAY INC. [US/US]; 2145 Hamilton Avenue, San Jose, CA 95125 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MONIER, Louis Marcel, Gino [FR/US]; 4 Siskiyou Place, Menlo Park, CA 94025 (US). BILLINGSLEY, Eric, Noel [US/US]; 1100 Fewtrell Drive, Campbell, CA 95008 (US).

(74) VATUONE, Mark; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, Seventh Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097563 (13) A2

(21) PCT/US2004/012734

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en

(26) en

(30) 60/465,140 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SELF-ATTAINABLE ANALYTIC TOOL AND METHOD FOR ADAPTIVE BEHAVIOR MODIFICATION

• OUTIL D'ANALYSE PERSONNELLE ET METHODE ADAPTATIVE DE MODIFICATION DU COMPORTEMENT

(71, 72) BRONKEMA, Valentina, G. [US/US]; Suite 250, 1146 19th Street N.W., Washington, DC 20036 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097564 (13) A2

(21) PCT/US2004/012752

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,145 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR CONSTRAINING SERVER USAGE IN A DISTRIBUTED NETWORK

• PROCEDE ET SYSTEME PERMETTANT DE RESTREINDRE L'UTILISATION D'UN SERVEUR DANS UN RESEAU REPARTI

(71) AKAMAI TECHNOLOGIES, INC. [US/US]; 8 Cambridge Center, Cambridge, MA 02141 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) KAGAN, Marty; 1400 Floribunda Avenue, Apt. #201, Burlingame, CA 94010 (US).
LAUZAC, Sylvain; 1130 24th Avenue, Seattle, WA 98122 (US). LIPKOVITZ, Eisar; 55 Prosper Street, San Francisco, CA 94114 (US).

(74) JUDSON, David, H.; 15455 N. Dallas Parkway, Suite 600, Addison, TX 75001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097565 (13) A2

(21) PCT/US2004/012804

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,121 24 Apr/avr 2003 US (24.04.2003)

(30) 60/465,118 24 Apr/avr 2003 US (24.04.2003)

(30) 60/465,122 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD, SYSTEM AND ARTICLE OF MANUFACTURE FOR DATA PRESERVATION AND AUTOMATED ELECTRONIC SOFTWARE DISTRIBUTION ACROSS AN ENTERPRISE SYSTEM

• METHODE, SYSTEME ET ARTICLE DE FABRICATION POUR UNE CONSERVATION DE DONNEES ET POUR DISTRIBUTION LOGICIELLE ELECTRONIQUE AUTOMATIQUE DANS UN SYSTEME D'ENTREPRISE

(71) SECUREINFO CORPORATION [US/US]; 211 North Loop 1604 East, Suite 200, San Antonio, TX 78232 (US).

(72) STURONAS, Joseph; Lake Blugg, IL (US). WASSERBERGER, Alan, G.; Chicago, IL (US). CIRILLO, Andrew; Chicago, IL (US). CAMPBELL, Scott; Chicago, IL (US). STEELE, Scot; St. Charles, IL (US). BOSWELL, James; Chebanse, IL (US). ABDULHADI, Ashraf; Streamwood, IL (US). WOLFE, Alex; 1118 West Fulton Market, Apt. 404, Chicago, IL (US). GOLDING, Michael; 549 South 13th Street, Saint Charles, IL 60174 (US). LESSACK, Ira; 3711 N. Bosworth 2s, Chicago, IL (US). KRUEGER, Ray; Schamburg, IL (US).

(74) WOODEN, Sean, S. et al. / etc.; Andrews Kurth LLP, 1701 Pennsylvania Avenue, N.W., Suite 300, 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 G06F

(11) WO 2004/097566 (13) A2

(21) PCT/US2004/012805

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en

(30) 60/465,118 24 Apr/avr 2003 US (24.04.2003)

(30) 60/465,122 24 Apr/avr 2003 US (24.04.2003)

(30) 60/465,121 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATED ELECTRONIC SOFTWARE DISTRIBUTION AND MANAGEMENT METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE DISTRIBUTION ET DE GESTION DE LOGICIELS ELECTRONIQUES AUTOMATISEES

(71) SECUREINFO CORPORATION [US/US]; 211 North Loop 1604 East, Suite 200, San Antonio, TX 78232 (US).

(72) STURONAS, Joseph; 28607 Windmere Ct, Lake Blugg, IL (US). WASSERBERGER, Alan, G.; 474 North Lakeshore Drive, Unit 6104, Chicago, IL (US). CIRILLO, Andrew; Chicago, IL (US). CAMPBELL, Scott; Chicago, IL (US). STEELE, Scot; St. Charles, IL (US). BOSWELL, James; Chebanse, IL (US). ABDULHADI, Ashraf; Streamwood, IL (US). WOLFE, Alex; 1118 West Fulton Market, Apt. 404, Chicago, IL (US). GOLDING, Michael; 549 South 13th Street, Saint Charles, IL 60174 (US). LESSACK, Ira; 3711 N. Bosworth 2s, Chicago, IL (US). KRUEGER, Ray; Schamburg, IL (US).

(74) WOODEN, Sean, S. et al. / etc.; Andrews Kurth LLP, 1701 Pennsylvania Avenue, N.W., Suite 300, 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 G06F

(11) WO 2004/097567 (13) A2

(21) PCT/US2004/012808

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,211 25 Apr/avr 2003 US (25.04.2003)

(30) 60/465,212 25 Apr/avr 2003 US (25.04.2003)

(30) 60/543,902 13 Feb/fév 2004 US (13.02.2004)

(30) 10/830,009 23 Apr/avr 2004 US (23.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR IMAGE INFORMATION PROCESSING AND ANALYSIS

• PROCEDE ET SYSTEME DE TRAITEMENT ET D'ANALYSE D'INFORMATIONS IMAGES

(71) ARROWSIGHT [US/US]; 49 West 37th Street, 14th Floor, New York, NY 10018 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIXSON, Lambert [US/US]; 43 Green Hill Road, Goldens Bridge, NY 10526 (US). ARONSON, Adam [US/US]; 43 Mark Mead Road, Cross River, NY 10518 (US). BOT-TUM, Roger [US/US]; 577 Ash Street, Winnetka, IL 60093 (US). BRADLEY, Joseph [US/US]; 37-27, 86th Street #3T, Jackson Heights, NY 11372 (US). SHIMSHACK, Julie [US/US]; 724 Sackett Street, Brooklyn, MA 11217 (US). GULYANSKY, Alex [US/US]; 45 Longwood Avenue #711, Brookline, MA 02446 (US). KRISHNAMURTHY, Jambu [US/US]; 202 Forest Drive, Edison, NJ 08817 (US). VITELLI, John [US/US]; 200 East 15th Street, #11E, New York, NY 10003 (US). JETLY, Lalita [US/US]; 49 East Burgess Drive, Piscataway, NJ 08854 (US).

(74) CHESSER, Wilburn, L. et al. / etc.; Arent Fox PLLC, 1050 Connecticut Avenue, NW, Suite 400, 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 G06F

(11) WO 2004/097568 (13) A2

(21) PCT/US2004/012813

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,170 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR MACHINE LEARNING A DOCUMENT RELEVANCE FUNCTION

• PROCEDE ET APPAREIL D'APPRENTISSAGE AUTOMATIQUE D'UNE FONCTION DE PERTINENCE D'UN DOCUMENT

(71) OVERTURE SERVICES, INC. [US/US]; 74 North Pasadena Avenue, 3rd Floor, Pasadena, CA 91103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COSSOCK, David [US/US]; 1015 Euclid Avenue, Berkeley, CA 94708 (US).

(74) RUBIN, Steven; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/097569 (13) A2

(21) PCT/US2004/012814

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,172 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEARCH ENGINE SUPPLEMENTED
WITH URL'S THAT PROVIDE ACCESS
TO THE SEARCH RESULTS FROM
PREDEFINED SEARCH QUERIES

• MOTEUR DE RECHERCHE COM-
PLETE D'URL QUI ASSURENT
L'ACCES A DES RESULTATS DE RE-
CHERCHE OBTENUS A PARTIR DE
DEMANDES DE RECHERCHE PREDE-
FINIES

(71) OVERTURE SERVICES, INC. [US/US];
74 North Pasadena Avenue, 3rd Floor,
Pasadena, CA 91103 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOURLAY, Alastair [US/US]; 185
Shiloh Court, Boulder Creek, CA 95006
(US).

(74) RUBIN, Steven; Brown Raysman Millstein
Felder & Steiner LLP, 900 Third Avenue,
New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/097570 (13) A2

(21) PCT/US2004/012815

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,171 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR BLEND-
ING SEARCH ENGINE RESULTS
FROM DISPARATE SOURCES INTO
ONE SEARCH RESULT

• PROCEDE ET SYSTEME DE ME-
LANGE DE RESULTATS DANS UN
MOTEUR DE RECHERCHE A PARTIR
DE SOURCES DISPARATES DANS UN
RESULTAT DE RECHERCHE

(71) OVERTURE SERVICES, INC. [US/US];
74 North Pasadena Avenue, 3rd Floor,
Pasadena, CA 91103 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TRAVIS, Robert, L., Jr. [US/US]; 317
Mayberry Hill Road, Casco, ME 04015 (US).

(74) RUBIN, Steven; Brown Raysman Millstein
Felder & Steiner LLP, 900 Third Avenue,
New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G06F

(11) WO 2004/097571 (13) A2

(21) PCT/US2004/012844

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,579 24 Apr/avr 2003 US
(24.04.2003)

(30) 60/465,578 24 Apr/avr 2003 US
(24.04.2003)

(30) 60/465,580 24 Apr/avr 2003 US
(24.04.2003)

(30) Not furnished / 23 Apr/avr 2004 US
non communiqué (23.04.2004)

(30) Not furnished / 23 Apr/avr 2004 US
non communiqué (23.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENDED STORAGE CAPACITY
FOR A NETWORK FILE SERVER

• CAPACITE DE STOCKAGE ELARGIE
POUR SERVEUR DE FICHIERS DE RE-
SEAU

(71) NEOPATH NETWORKS, INC. [US/US];
3945 Freedom Circle., Suite 300, Santa Clara,
CA 95054 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WONG, Thomas, K. TSIRIGOTIS,
Panagiotis IYENGAR, Anand CHAWLA,
Rajeev

(74) CARTWRIGHT, Dorian et al. / etc.; Fen-
wick & West LLP, 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 2004/097572 (13) A2

(21) PCT/US2004/012847

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,578 24 Apr/avr 2003 US
(24.04.2003)

(30) 60/465,579 24 Apr/avr 2003 US
(24.04.2003)

(30) 10/831,376 23 Apr/avr 2004 US
(23.04.2004)

(30) 10/831,701 23 Apr/avr 2004 US
(23.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSPARENT FILE MIGRATION US-
ING NAMESPACE REPLICATION

• MIGRATION TRANSPARENTE
DE FICHIERS PAR REPLICATION
D'ESPACES DE NOMMAGE

(71) NEOPATH NETWORKS, INC. [US/US];
3945 Freedom Circle., Suite 300, Santa Clara,
CA 95054 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WONG, Thomas, K. [US/US]; 1118
Mataro Ct., Pleasanton, CA 94566 (US).
TSIRIGOTIS, Panagiotis [GR/US]; 1575
Tenaka Pl., #D-5, Sunnyvale, CA 94087
(US). IYENGAR, Anand [US/US]; 4306
Collins Ct., #204, Mountain View, CA
94040 (US). CHAWLA, Rajeev [US/US];
5819 Carmel Way, Union City, CA 94589
(US).

(74) CARTWRIGHT, Dorian et al. / etc.; Fen-
wick & West LLP, 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 2004/097573 (13) A2

(21) PCT/US2004/012853

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/467,164 30 Apr/avr 2003 US
(30.04.2003)(30) 10/826,533 16 Apr/avr 2004 US
(16.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIAL MENU INTERFACE FOR
HANDHELD COMPUTING DEVICE• INTERFACE MENUS RADIALE POUR
DISPOSITIF DE CALCUL DE POCHE(71) TAPWAVE, INC. [US/US]; 1901 Landings
Drive, Bldg G, Mountain View, CA 94043
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TWERDAHL, Timothy, D. [US/US];
c/o Tapwave, Inc., 1901 Landings Drive,
Bldg G, Mountain View, CA 94043 (US).
FLORES, Roger, S. [US/US]; c/o Tapwave,
Inc., 1901 Landings Drive, Bldg G, Mountain
View, CA 94043 (US). REES, William, B.
[US/US]; c/o Tapwave, Inc., 1901 Landings
Drive, Bldg G, Mountain View, CA 94043
(US).(74) HAYDEN, Robert 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).(51)⁷ G06F

(11) WO 2004/097574 (13) A2

(21) PCT/US2004/012888

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/465,931 28 Apr/avr 2003 US
(28.04.2003)(30) 10/458,612 10 Jun/juin 2003 US
(10.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING PROP-
ERTY-PRESERVING VARIABLE RES-
OLUTION MODELS OF SURFACES• PROCEDE DE PRODUCTION DE MO-
DELES A RESOLUTION VARIABLE
DE PRESERVATION DE PROPRIETES
DE SURFACE(71) MASSACHUSETTS INSTITUTE OF
TECHNOLOGY [US/US]; 77 Massachus-
sets Avenue, Cambridge, MA 02139 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BRAS, Rafael, L. [US/US]; 44 Percy
Road, Lexington, MA 02421 (US). EN-
TEKHABI, Dara [US/US]; 931 Massa-
chusetts Avenue, Cambridge, MA 02139
(US). VIVONI, Enrique, R. [US/US]; 1010
Massachusetts Avenue #24, Cambridge, MA
02139 (US). IVANOV, Valeri, Y. [US/US];
540 Memorial Drive #807, Cambridge, MA
02139 (US).(74) PRITZKER, Randy, J.; Wolf, Greenfield
& Sacks, P.C., 600 Atlantic Avenue, Boston,
MA 02210 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097575 (13) A2

(21) PCT/US2004/012909

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/465,977 28 Apr/avr 2003 US
(28.04.2003)(30) 10/692,194 23 Oct/oct 2003 US
(23.10.2003)(30) 10/755,569 12 Jan/jan 2004 US
(12.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR MAN-
AGING REQUESTS FOR SERVICES• SYSTEME ET PROCEDE DE GESTION
DE DEMANDES DE SERVICES(71, 72) LEVENTHAL, Jeffrey, P. [US/US];
260 S.E. Mizner Blvd., Apt. 604, Boca Ra-
ton, FL 33432 (US).(74) JAROSIK, Gary, R. et al. / etc.; Green-
berg Traurip, LLP, 77 W. Wacker Drive, Suite
2500, Chicago, IL 60601-1732 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097576 (13) A2

(21) PCT/US2004/012918

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/422,456 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR NET-
WORK ERROR RATE TESTING• SYSTEME ET PROCEDE POUR TES-
TER LE TAUX D'ERREURS DE RE-
SEAU(71) FINISAR CORPORATION [US/US]; 1308
Moffett Park Drive, Sunnyvale, CA 94089
(US).(for all designated States except / pour tous
les États désignés sauf US)(72) GENTIEU, Paul; 1074 Reed Avenue #66,
Sunnyvale, CA 94086 (US). CICHETTI,
Chris; 350 Sharon Park Drive, Apt. #Q1,
Menlo Park, CA 94025 (US). LAWSON,
Arthur, M.; 1385 James Court, Morgan Hill,
CA 95037 (US). HUYNH, An; 300 Har-
bor Light Road, Alameda, CA 94501 (US).
YANG, Harold; 755 E. Capitol Ave. Apt.
I-307, Milpitas, CA 95035 (US).(74) ISRAELSEN, R., Burns et al. / etc.; Work-
man Nydegger, 1000 Eagle Gate Tower, 60
East South Temple, Salt Lake City, UT 84111
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097577 (13) A2

(21) PCT/US2004/012921

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,983 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS, SOFTWARE ARRANGE-
MENTS, STORAGE MEDIA, AND SYS-
TEMS FOR PROVIDING A SHRINK-
AGE-BASED SIMILARITY METRIC• PROCEDES, CONFIGURATIONS
DE LOGICIELS, SUPPORTS
D'ENREGISTREMENT ET SYSTEMES
POUR L'OBTENTION D'UNE MESURE
DE SIMILARITE FONDEE SUR UN
RETRECISSEMENT(71) NEW YORK UNIVERSITY [US/US]; 550
First Avenue, New York, NY 10016 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) **CHEREPINSKY, Vera** [US/US]; 68 Hope Street, Unit 11, Stamford, CT 06906 (US). **FENG, Jia-Wu** [CN/US]; Box 92, 1230 York Avenue, New York, NY 10021 (US). **REJALI, Marc** [GB/GB]; 57 Danecroft Road, London, SE24 9PA (GB). **MISHRA, Bhubaneswar** [IN/US]; 16 Dunster Road, Great Neck, NY 11021 (US).
- (74) **ABELEV, Gary**; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097579** (13) A2
- (21) PCT/US2004/012934
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) en (26) en
- (30) 10/424,190 **25 Apr/avr 2003 (25.04.2003)** US
- (30) 10/822,249 **8 Apr/avr 2004 (08.04.2004)** US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHODS AND SYSTEMS FOR PAYING FOR REFERRALS
• PROCEDES ET SYSTEMES DESTINES A PAYER POUR LES RENVOIS
- (71, 72) **ROSSIDES, Michael, T.** [US/US]; 11167 E. Mirasol Circle, Scottsdale, AZ 85255 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097578** (13) A2
- (21) PCT/US2004/012924
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) en (26) en
- (30) 60/456,848 **24 Apr/avr 2003 (24.04.2003)** US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INTEGRATED HEALTHCARE INFORMATION SYSTEM
• SYSTEME INTEGRE POUR L'INFORMATION RELATIVE AUX SOINS DE SANTE
- (71) **AMERICAN HEALTHNET** [US/US]; 211 South 168th Plaza, Omaha, NE 68130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **DRELICHARZ, Peggy, A.**; 221 Plattview Drive, Cedar Creek, NE 68016 (US). **KASTENS, Dennis, L.**; 5563 Mayberry Street, Omaha, NE 68106 (US). **OSTER, Christopher, C.**; 12709 Nebraska Avenue, Omaha, NE 68164 (US). **VAIKUNTAM, Subramaniam**; A1-90/2 Flat B, 12th Main Road, Anna Nagar (West), Chennai 600 040 (IN). **PRAKHYA, Radhakrishna, Sarma**; New No.38 (Old No. 32), 2nd Street, Vyasara Nagar, Chennai 600 039 (IN). **KUMAR, Kamal, V.**; 44/4 Kamarajar Avenue, 1st Street, Adyar, Chennai 600 020 (IN). **RAJARAM, Kalyanaraman**; 26/7 Shanthi Apartments, Venkatraman Street, Perambur, Chennai 600 011 (IN). **KUMAR, Krishan, M.**; 1A. Pavithra Apartments, Rajagopalan Street, Valmiki Nagar, Thiruvamiyur, Chennai 600 041 (IN). **SANKARAN, Baiju, P.**; 60, 28th Cross Street, Indira Nagar, Chennai 600 020 (IN). **NARAYANAN, R., Lakshmy**; New Number 11, 1 Main Road, Kamaraj Nagar, Tiruvannamiyur, Chennai 600 041 (IN).
- (74) **WEST, Kevin, E.**; Suiter West PC LLO, 14301 FNB Parkway, Suite 220, Omaha, NE 68154-5299 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097580** (13) A2
- (21) PCT/US2004/013033
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) en (26) en
- (30) 60/465,977 **28 Apr/avr 2003 (28.04.2003)** US
- (30) 10/692,181 **23 Oct/oct 2003 (23.10.2003)** US
- (30) 10/755,727 **12 Jan/jan 2004 (12.01.2004)** US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEM AND METHOD FOR MANAGING ACCOUNTS PAYABLE AND ACCOUNTS RECEIVABLE
• SYSTEME ET PROCEDE DE GESTION DE DETTES ET DE CREANCES
- (71, 72) **LEVENTHAL, Jeffrey, P.** [US/US]; 260 S.E. Mizner Blvd., Apt. 604, Boca Raton, Florida 33432 (US).
- (74) **JAROSIK, Gary, R. et al. / etc.**; Greenberg Traurig, LLP, 77 W. Wacker Drive, Suite 2500, Chicago, Illinois 60601-1732 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097581** (13) A2
- (21) PCT/US2004/013096
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) en (26) en
- (30) 60/466,010 **28 Apr/avr 2003 (28.04.2003)** US
- (30) 10/689,313 **20 Oct/oct 2003 (20.10.2003)** US
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPUTATIONAL METHOD AND SYSTEM FOR MASS SPECTRAL ANALYSIS
• PROCÉDÉ ET SYSTÈME DE CALCUL POUR ANALYSE PAR SPECTRE DE MASSE
- (71) **CERNO BIOSCIENCE LLC** [US/US]; Suite 13, 5 Science Park, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANG, Yongdong** [US/US]; 73 Moriarity Drive, Wilton, CT 06897 (US).
- (74) **AKER, David**; Attorney at Law, 23 Southern Road, Hartsdale, NY 10530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097582** (13) A2
- (21) PCT/US2004/013097
- (22) **28 Apr/avr 2004 (28.04.2004)**

- (25) en (26) en
- (30) 60/466,011 **28 Apr/avr 2003** US
(28.04.2003)
- (30) 60/466,012 **28 Apr/avr 2003** US
(28.04.2003)
- (30) 60/466,010 **28 Apr/avr 2003** US
(28.04.2003)
- (30) 10/689,313 **20 Oct/oct 2003** US
(20.10.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPUTATIONAL METHODS AND SYSTEMS FOR MULTIDIMENSIONAL ANALYSIS
• PROCÉDES COMPUTATIONNELS ET SYSTÈMES D'ANALYSE MULTIDIMENSIONNELLE
- (71) CERNO BIOSCIENCE LLC [US/US]; Suite 13, 5 Science Park, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Yongdong [US/US]; 73 Moriarity Drive, Wilton, CT 06897 (US).
- (74) AKER, David; Attorney at Law, 23 Southern Road, Hartsdale, NY 10530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097584 (13) A2
- (21) PCT/US2004/013174
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 60/466,347 **28 Apr/avr 2003** US
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND SYSTEM FOR REMOTE NETWORK SECURITY MANAGEMENT
• PROCÉDE ET SYSTÈME DE GESTION DE LA SÉCURITÉ D'UN RÉSEAU À DISTANCE
- (71) P.G.I. SOLUTIONS LLC [US/US]; 20229 N. 67th Ave., pmb 154, Suite C4, Glendale, AZ 85308 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) KNIGHT, James, Michael; 20229 N. 67th Ave., pmb 154, Suite C4, Glendale, AZ 85308 (US).
- (74) LOCKWOOD, Lucius, L.; Lewis and Roca LLP, 40 N. Central Ave., 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 (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097583 (13) A2
- (21) PCT/US2004/013133
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 60/466,245 **28 Apr/avr 2003** US
(28.04.2003)
- (30) 10/742,226 **18 Dec/déc 2003** US
(18.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SOURCE IDENTIFIER FOR MAC ADDRESS LEARNING
• IDENTIFICATEUR DE SOURCE DESTINÉ À L'APPRENTISSAGE DE L'ADRESSE MAC
- (71) ALCATEL IP NETWORKS, INC. [US/US]; 3400 West Plano Parkway, Plano, TX 75075 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TINGLE, Nicholas, W. [GB/US]; 1428 Rosecrest Ter., San Jose, CA 95126 (US). REGAN, Joe [US/US]; 7863 Foothills Knolls Drive, Pleasanton, CA 94588 (US).
- (74) JAMES, William, W.; Van Pelt & YI LLP, 10050 N. Foothill Blvd., Suite 200, Cupertino, CA 95014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (30) 60/526,509 **2 Dec/déc 2003** US
(02.12.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEM AND METHOD FOR INTERNET-ACCESSIBLE TOOLS AND KNOWLEDGE BASE FOR PROTOCOL DESIGN, METADATA CAPTURE AND LABORATORY EXPERIMENT MANAGEMENT
• SYSTÈME ET PROCÉDE RELATIFS À DES OUTILS ET À UNE BASE DE CONNAISSANCES ACCESSIBLES PAR INTERNET POUR CONCEPTION DE PROTOCOLES, SAISIE DE MÉTADONNÉES ET GESTION D'EXPÉRIENCES DE LABORATOIRE
- (71) STANFORD UNIVERSITY [US/US]; Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA 94306-1106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERZENBERG, Leonore A. [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US). MEEHAN, Stephen [CA/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US). MOORE, Wayne [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US). PARKS, David [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US). TUNG, James [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US). MUSEN, Mark [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US).
- (74) GOLD, Darren; 301 Ravenswood Avenue, 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 G06F
- (11) WO 2004/097586 (13) A2
- (21) PCT/US2004/013282
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 60/466,534 **29 Apr/avr 2003** US
(29.04.2003)
- (30) 60/475,343 **3 Jun/juin 2003** US
(03.06.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ENTERTAINMENT KIOSK
• BORNE INTERACTIVE DE DIVERTISSEMENT
- (71) FALCON MANAGEMENT INC. [US/US]; 1103 17th Avenue South, Nashville, TN 37212 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOODMAN, Jonathan, P.** [US/US]; 1507 Evesham Road, Voorhees, NJ 08043 (US). **FALCON, Gary** [US/US]; 4533 Heath Road, Nashville, TN 37221 (US).

(74) **AXENFELD, Robert, R.**; Synnvestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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 :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) **WO 2004/097587** (13) A2

(21) PCT/US2004/013397

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,319 **29 Apr/avr 2003** US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR EVALUATION FIT OF RAW DATA TO MODEL DATA

• PROCEDE ET SYSTEME D'EVALUATION DE L'AJUSTEMENT DE DONNEES BRUTES PAR RAPPORT A DES DONNEES MODELES

(63) US Not furnished / non communiqué (CIP) 29 Apr/avr 2004 (29.04.2004)

(71) **EDUCATIONAL TESTING SERVICE** [US/US]; Rosedale Road, Princeton, NJ 08541 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOUT, William, F.** [US/US]; 1826 Maynard, Champaign, IL 61822 (US). **HARTZ, Sarah, M.** [US/US]; 52 E. Green Street, Apartment 5, Champaign, IL 61820 (US). **ROUSSOS, Louis** [US/US]; * (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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 2004/097588** (13) A2

(21) PCT/US2004/013415

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,316 **29 Apr/avr 2003** US (29.04.2003)

(30) 10/430,865 **7 May/mai 2003** US (07.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LENDING BASED ON AN ASSET AND SECURITIZATION OF LOAN INTERESTS

• EMPRUNT SUR ACTIFS ET SECURISATION DES INTERETS DU PRET

(63) US 10/430,865 (CIP) 7 May/mai 2003 (07.05.2003)

(71, 72) **POLLOCK, Frederick, E.** [US/US]; 44 Martin St., Apt. #3, Cambridge, MA 02138 (US).

(74) **FEIGENBAUM, David, 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 G06F

(11) **WO 2004/097589** (13) A2

(21) PCT/US2004/013549

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 60/466,564 **29 Apr/avr 2003** US (29.04.2003)

(30) 10/807,930 **23 Mar/mar 2004** US (23.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BRIDGE APPARATUS AND METHODS OF OPERATION

• SYSTÈME PASSERELLE ET PROCÉDÉS DE FONCTIONNEMENT

(71) **COLORADO VNET** [US/US]; 255 E. 6th Street, Loveland, CO 80537 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGAWA, Craig** [US/US]; 4716 High Country Road, Loveland, CO 80537 (US).

FILES, Craig, Matthew [US/US]; 3100 San Luis Street, Fort Collins, CO 80525 (US).

(74) **TRENNER, Mark, D. et al.** / etc.; Trenner Caven Aghevi & Holzer, LLC, 9962 South Clyde Place, Littleton, CO 80128 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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) **WO 2004/097590** (13) A2

(21) PCT/US2004/013636

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,840 **29 Apr/avr 2003** US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING SIM-BASED ROAMING OVER EXISTING WLAN PUBLIC ACCESS INFRASTRUCTURE

• PROCEDE ET SYSTEME ASSURANT L'ITINERANCE REPOSANT SUR LA CARTE SIM DANS UNE INFRASTRUCTURE D'ACCES PUBLIC WLAN

(71) **AZAIRE NETWORKS INC.** [—/US]; Azaire Networks Inc., 4800 Great America Parkway, Suite 515, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHINNASWAMY, Sudhagar** [IN/US]; 1063 Morse Ave. Apartment 17-201, Sunnyvale, CA 94089 (US). **KANT, Nishi** [IN/US]; 239 Elk Creek Place, San Jose, CA 95127 (US). **RITTER, Michael, W.** [US/US]; 22312 Starlind Drive, Los Altos, CA 94024 (US).

(74) **RAE-VENTER, Barbara et al.** / etc.; Rae-Venter Law Group, P.C., P.O. Box 1898, Monterey, CA 93942 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097591 (13) A2

(21) PCT/US2004/013663

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,611 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PERSONAL COMPUTING ENVIRON-
MENT SYSTEM USING MOZILLA

• SYSTEME D'ENVIRONNEMENT IN-
FORMATIQUE PERSONNEL COM-
PRENANT L'UTILISATION DE MO-
ZILLA

(71) 360 DEGREE WEB, INC. [US/US]; 2700
Augustine Drive, Suite 175, Santa Clara, CA
95154 (US). KUO, Chin [—/US]; 53 Jacklin
Circle, Milpitas, CA 95035 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LUO, Wei [CA/US]; 1582 Quebec Court
#3, Sunnyvale, CA 94087 (US).

(74) WONG, Kirk et al. / etc.; Hickman Palermo
Truong & Becker LLP, 1600 Willow Street,
San Jose, CA 95125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097592 (13) A2

(21) PCT/US2004/013674

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/426,469 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR ASSESSING AND
MANAGING SECURITY RISK FOR
SYSTEMS

• PROCEDE POUR EVALUER ET GERER
LES RISQUES SECURITAIRES DANS
DES SYSTEMES

(71) TRAP-IT SECURITY, INC. [US/US]; 675
Vandalia Street, St.Paul, MN 55114 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAVRILAK, Robert, J., Jr. [US/US];
4944 Westgate Road, Minnetonka, MN 55345
(US).

(74) STONE, Jeffrey, R.; 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).

(51)⁷ G06F

(11) WO 2004/097593 (13) A2

(21) PCT/US2004/013822

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,627 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE, METHOD AND PROGRAM
FOR PERFORMANCE TRACKING
AND IMPROVEMENT

• DISPOSITIF, PROCEDE ET PRO-
GRAMME DE SUIVI ET AMELIO-
RATION DE PERFORMANCES

(71, 72) SKENANDORE, Peter, John [US/US];
31435 S E Issaquah-Fall City Road, Fall City,
WA 98024 (US).

(74) PERRY, Steve, M. et al. / etc.; Thorpe,
North & Western, LLP, P.O. Box 1219, Sandy,
UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097594 (13) A2

(21) PCT/US2004/013823

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,381 29 Apr/avr 2003 US
(29.04.2003)

(30) 60/518,599 7 Nov/nov 2003 US
(07.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTIPLE PACKET ROUTING SYS-
TEM (MPRS)

• SYSTEME DE ROUTAGE A PLU-
SIEURS PAQUETS (MPRS)

(71) NOBEL COMMUNICATIONS [US/US];
5759 Fleet street, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) SIMINOFF, James, Wyatt; 10 Benjamin
Road, Chester, NJ 07930-2911 (US).

(74) BRUNO, Frank, A.; Milbank, Tweed,
Hadley & McCloy LLP, 1 Chase Manhattan
Plaza, New York, NY 10005-1413 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097595 (13) A2

(21) PCT/US2004/003792

(22) 10 Feb/fév 2004 (10.02.2004)

(25) en (26) en

(30) 10/406,282 4 Apr/avr 2003 US
(04.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A FACTOR RISK MODEL BASED SYS-
TEM, METHOD, AND COMPUTER
PROGRAM PRODUCT FOR GENER-
ATING RISK FORECASTS

• SYSTEME A BASE DE MODELE DE
FACTEURS DE RISQUE, PROCEDE ET
PROGRAMME INFORMATIQUE DE
PREVISION DE RISQUE

(71) ITG SOFTWARE SOLUTIONS INC.
[US/US]; 400 Corporate Pointe, 6th Floor,
Culver City, CA 90230 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MADHAVAN, Ananth [US/US]; 45
West 60 Street, #30A, New York, NY 10023
(US). ASRIEV, Artem, V. [US/US]; 7 James
Street, Winchester, MA 01890 (US). KARTI-
NEN, Scott, J. [US/US]; 445 Fifth Avenue,
#9A, New York, NY 10016 (US). YANG,
Jian [CA/US]; 15 Firebrick Road, Sharon,
MA 02067 (US). SERBIN, Vitaly [UA/US];
1 Devonshire Place, Apt. 1707, Boston, MA
02109 (US). DOMOWITZ, Ian [US/US];
27 Mercer Street, #2C, New York, NY 10013

- (US). **GOSIER, Kenneth, E.** [US/US]; 18 Bristol Street, Cambridge, MA 02141 (US).
- (74) **DELUCA, Vincent, M. et al.** / etc.; 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/097596** (13) A2
- (21) PCT/US2004/009035
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 60/457,119 **24 Mar/mar 2003** US (24.03.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SECURE COORDINATE IDENTIFICATION METHOD, SYSTEM AND PROGRAM
- PROCEDE, SYSTEME ET PROGRAMME D'IDENTIFICATION DE COORDONNEES SECURISEE
- (71) **SYSTEMS RESEARCH & DEVELOPMENT** [US/US]; 6600 Bermuda Road, Suite A, Las Vegas, NV 89119 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JONAS, Jeffrey, James** [US/US]; 9717 Winter Palace Drive, Las Vegas, NV 89145 (US). **DUNHAM, Steven, Bruce** [US/US]; 231 W. Horizon Ridge Parkway, Apt. 2125, Henderson, NV 89012 (US).
- (74) **STINE, Thomas, K.**; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 2004/097597** (13) A2
- (21) PCT/US2004/009229
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/424,562 **25 Apr/avr 2003** US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEMS AND METHODS FOR VALIDATING IDENTIFICATIONS IN FINANCIAL TRANSACTIONS
- SYSTEMES ET PROCEDES PERMETTANT LA VALIDATION D'IDENTIFICATIONS DANS DES TRANSACTIONS FINANCIERES
- (71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, Colorado 80112-5939 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MICHELSEN, Michael, J.** [US/US]; 8200 West 52nd Ave, Arvada, Colorado 80002 (US).
- (74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, 5 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 2004/097598** (13) A2
- (21) PCT/US2004/009690
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 10/424,558 **25 Apr/avr 2003** US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEMS AND METHODS FOR VERIFYING IDENTITIES IN TRANSACTIONS
- SYSTEMES ET PROCEDES POUR LA VERIFICATION D'IDENTITES DANS DES TRANSACTIONS
- (71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MICHELSEN, Michael, J.** [US/US]; 8200 West 52nd Avenue, Arvada, CO 80002 (US). **BLAIR, Paul** [US/US]; 11141 Tamarron Drive, Parker, CO 80138 (US). **SEIFERT, Dean** [US/US]; 20315 Vista Circle, Parker, CO 80138 (US). **CACHEY, Joseph** [US/US]; 2900 S. Adams St., Denver, CO 80210 (US).
- (74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097600** (13) A2
- (21) PCT/US2004/009861
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 60/466,431 **28 Apr/avr 2003** US (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • RICH MEDIA PUBLISHING
- EDITION DE MEDIA ENRICHI
- (71) **SONY PICTURES ENTERTAINMENT INC.** [US/US]; 10202 West Washington Boulevard, Culver City, CA 90232 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SPRING, Leslie** [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). **HOLLENBECK, Todd** [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). **HJELMING, James, Andreas** [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). **HSIU, Galvin, Karan** [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). **PEÑA, Jose, Armando** [SV/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). **HAMOUI, Omar** [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US).
- (74) **FROMMER, William, S.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 2004/097600** (13) A2
- (21) PCT/US2004/009861
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en

(30) 60/466,431 **28 Apr/avr 2003** US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • CONTENT MANAGEMENT FOR RICH MEDIA PUBLISHING SYSTEM
• GESTION DE CONTENU POUR SYSTÈME RICHE DE PUBLICATION MULTIMÉDIA

(71) SONY PICTURES ENTERTAINMENT INC. [US/US]; 10202 West Washington Boulevard, Culver City, CA 90232 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPRING, Leslie [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). HOLLENBECK, Todd [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). HJELMING, James, Andreas [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). HSIU, Galvin, Kanan [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). PEÑA, Jose, Armando [SV/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US). HAMOUI, Omar [US/US]; SPD 6025 West Slauson Avenue, Culver City, CA 90231 (US).

(74) FROMMER, William, S.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 2004/097601 (13) A1

(21) PCT/CA2004/000669

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10/427,810 **2 May/mai 2003** US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SYSTEM AND METHOD FOR DETERMINING A COMPUTER USER PROFILE FROM A MOTION-BASED INPUT DEVICE
• SYSTÈME ET PROCÉDE POUR DÉTERMINER UN PROFIL D'UTILISATEURS D'ORDINATEURS À PARTIR D'UN DISPOSITIF DE SAISIE FONDE SUR LE MOUVEMENT

(71, 72) AHMED, Ahmed, Awad, El-Sayed [CA/CA]; 39404 2375 Lam Circle Road, Victoria, British Columbia V8N 6K8 (CA). TRAORE, Issa [CI/CA]; 4217 Kincaid Street, Victoria, British Columbia V8X 4K7 (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)

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 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 1/00

(11) WO 2004/097602 (13) A2

(21) PCT/GB2004/001333

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0309463.8 **25 Apr/avr 2003** GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A METHOD OF, AND SYSTEM FOR, HEURISTICALLY DETERMINING THAT AN UNKNOWN FILE IS HARMLESS BY USING TRAFFIC HEURISTICS
• PROCÉDE ET SYSTÈME POUR DÉTERMINER DE MANIÈRE HEURISTIQUE QU'UN FICHIER INCONNU EST RENDU INOFFENSIF PAR UNE HEURISTIQUE DE TRAFIC

(71) MESSAGELABS LIMITED [GB/GB]; 1270 Lansdowne Court, Gloucester Business Park, Gloucester LG3 4AB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIPP, Alexander [GB/GB]; Star Internet, Brighouse Court, Barmwood, Gloucester GL4 3RT (GB).

(74) AYERS, Martyn et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00, 9/00

(11) WO 2004/097603 (13) A1

(21) PCT/GB2004/001887

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310144.1 **2 May/mai 2003** GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PROTECTING A JAVA APPLICATION
• PROTECTION D'UNE APPLICATION JAVA

(71) BITARTS LIMITED [GB/GB]; 3rd Floor, 15 Middle Pavement, Nottingham NG1 7DX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAFA, John, Aram [GB/GB]; 34 Lenton Road, The Park Estate, Nottingham NG7 1DU (GB).

(74) SKINNER, Michael, Paul; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 1/00

(11) WO 2004/097604 (13) A2

(21) PCT/GB2004/000997

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 0309464.6 **25 Apr/avr 2003** GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A METHOD OF, AND SYSTEM FOR, HEURISTICALLY DETECTIVE VIRUSES IN EXECUTABLE CODE
• PROCÉDE ET SYSTÈME DE DÉTECTION HEURISTIQUE DE VIRUS DANS UN CODE EXECUTABLE

(71) MESSAGELABS LIMITED [GB/GB]; 1270 Lansdowne Court, Gloucester Business Park, Gloucester GL3 4AB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIPP, Alexander [GB/GB]; Star Internet, Brighthouse Court, Barmwood, Gloucester GL4 3RT (GB).

(74) AYERS, Martyn, L., S. et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00, H04L 9/00

(11) WO 2004/097605 (13) A1

(21) PCT/IB2004/050513

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101156.2 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF STORING REVOCATION LIST

• PROCÉDE POUR MEMORISER UNE LISTE DE REVOCATION

(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) VAUCLAIR, Marc [BE/BE]; 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).

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 G06F 1/00, H04L 9/32

(11) WO 2004/097606 (13) A1

(21) PCT/IB2004/050515

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101153.9 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF UPDATING REVOCATION LIST

• PROCÉDE POUR ACTUALISER UNE LISTE DE REVOCATION

(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) VAUCLAIR, Marc [BE/BE]; 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).

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 G06F 1/00, H04L 9/08

(11) WO 2004/097607 (13) A1

(21) PCT/IE2004/000061

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) S2003/0336 2 May/mai 2003 IE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PASSWORD MANAGEMENT AND REPLICATION SYSTEM

• SYSTÈME DE GESTION ET REPRODUCTION D'UN MOT DE PASSE

(71, 72) O'SULLIVAN, Paul [IE/IE]; 54 Shantalla Drive, Beaumont, Dublin 9 (IE). O'SULLIVAN, Kieran [IE/IE]; 10 Hayden's Park Avenue, Lucan, County Dublin (IE).

(74) ANNE RYAN & CO.; 60 Northumberland Road, Ballsbridge, Dublin 4 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 1/00

(11) WO 2004/097608 (13) A1

(21) PCT/JP2004/005859

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-121721 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RESET CIRCUIT AND DIGITAL COMMUNICATION DEVICE

• CIRCUIT DE REINITIALISATION ET SON DISPOSITIF DE COMMUNICATION NUMERIQUE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIKAWA, Yasuaki [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) KATO, Asamichi; c/o A. Kato & Associates, Bohsei Bldg., 7th Floor, 20-12, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO 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 2004/097609 (13) A1

(21) PCT/US2004/012848

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/423,700 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND SYSTEM FOR SECURE NETWORK-BASED DISTRIBUTION OF CONTENT

• PROCEDES ET SYSTEME DE DISTRIBUTION DE CONTENU SECURISEE EN RESEAU

(71) APPLE COMPUTER, INC. [US/US]; 1 Infinite Loop, M/S 3 PAT, Cupertino, CA 95014 (US). ROBBIN, Jeffrey, L. [US/US]; 705 Benvenue Avenue, Los Altos, California 94024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOWDY, Thomas [US/US]; 1610 Kamsack Drive, Sunnyvale, California 94087 (US). TRIBBLE, Guy, L. [US/US]; 25 Downey Way, Hillsborough, CA 94010 (US). HELLER, Dave [US/US]; 2016 Jonathan Avenue, San Jose, CA 95125 (US).

(74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, California 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).

Published / Publiée : (c)

(51)⁷ G06F 1/12

(11) WO 2004/097610 (13) A2

(21) PCT/US2004/011015

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/425,213 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CLOCK ALIGN TECHNIQUE FOR EXCESSIVE STATIC PHASE OFFSET

• TECHNIQUE D'ALIGNEMENT DE SIGNAUX D'HORLOGE COMPENSANT UN DEPHASE STATIQUE EXCESSIF

(71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HAN, Zhigang; 460 N. Fair Oaks Avenue, Sunnyvale, CA 94086 (US). KHIEU, Cong; 1767 Aprilsong Court, San Jose, CA 95131 (US). NAGARAKANTI, Kailashnath; 3500 Granada Avenue, #348, Santa Clara, CA 95051 (US).

(74) GUNNISON, Forrest et al. / etc.; Gunnison, McKay & Hodgson, L.L.P., 1900 Garden Road, Suite 220, Monterey, CA 93940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 1/16, B60R 11/02

(11) WO 2004/097611 (13) A1

(21) PCT/JP2003/005556

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INFORMATION PROCESSING DEVICE ALLOCABLE IN DOCKING STATION FOR CAR

• DISPOSITIF DE TRAITEMENT D'INFORMATIONS POUVANT ETRE AFFECTE A UNE STATION D'ACCUEIL POUR VOITURES

(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) HARA, Yasushi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TANAKA, Hideki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MOTOYAMA, Hideyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YAMADA, Hiroshi [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, Chuo-ku, Kobe-shi, Hyogo 650-0034 (JP).

(81) JP US.

(51)⁷ G06F 3/00

(11) WO 2004/097612 (13) A2

(21) PCT/DK2004/000298

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) PA 2003 00660 1 May/mai 2003 DK (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A MAN-MACHINE INTERFACE BASED ON 3-D POSITIONS OF THE HUMAN BODY

• INTERFACE HOMME-MACHINE BASEE SUR DES POSITIONS TRIDIMENSIONNELLES DU CORPS HUMAIN

(71) DELTA DANSK ELEKTRONIK, LYS & AKUSTIK [DK/DK]; Venlighedsvej 4, DK-2970 Hørsholm (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MØLGAARD, John [DK/DK]; Sortemosen 36, DK-3450 Allerød (DK). PENTER, Stefan [DK/DK]; Fyrrevang 64, DK-2830 Virum (DK). KYSTER, Hans [DK/DK]; Bringetofte 3, DK-3400 Værløse (DK).

(74) ALBIHNS A/S; H.C. Andersens Boulevard 49, DK-1553 Copenhagen_V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097613 (13) A2

(21) PCT/EP2004/050598

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03 1 22459.8 28 Apr/avr 2003 CN (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR GUIDING A USER TO SELECT KEYS ON A KEYBOARD

• PROCEDE PERMETTANT DE GUIDER UN UTILISATEUR AFIN DE SELECTIONNER DES TOUCHES SUR UN CLAVIER

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) MOTOROLA LIMITED [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

(only for / seulement pour BW)

(72, 75) ZHEN, Li-Xin [CN/CN]; 322 Wu-Ning Road S, 1001 room, Shanghai 20042

- (CN). HUANG, Jian-Cheng [US/CN]; 168 An Fu Road, 25C, Shanghai 200031 (CN). LYUSTIN, Victoria [US/US]; 52 Windcrest Lane, South San Francisco, CA 94080 (US). LI, Jonathan [US/CN]; 3101 Room, 1468 Nanjing Road, W Shanghai 200040 (CN).
- (74) MCCORMACK, Derek, J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 3/00, 13/12, H03M 11/00
(11) WO 2004/097614 (13) A1
(21) PCT/NZ2004/000081
(22) 28 Apr/avr 2004 (28.04.2004)
(25) en (26) en
(30) 525460 28 Apr/avr 2003 NZ (28.04.2003)
(30) 525461 28 Apr/avr 2003 NZ (28.04.2003)
(30) 527373 5 Aug/août 2003 NZ (05.08.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • COMMUNICATION METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE COMMUNICATION
(71) KEYGHOST LIMITED [NZ/NZ]; 7 Cockle Shore, North Shore, Christchurch (NZ).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KERDEMELIDIS, Theodore [NZ/NZ]; 7 Cockle Lane, North Shore, Christchurch (NZ). KERDEMELIDIS, Andreiko [NZ/NZ]; 7 Cockle Lane, North Shore, Christchurch (NZ).
(74) BALDWIN SHELSTON WATERS; PO Box 852, Wellington, 6001 (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 G06F 3/033
(11) WO 2004/097615 (13) A2
(21) PCT/CA2004/000614
(22) 30 Apr/avr 2004 (30.04.2004)
(25) en (26) en
(30) 2,427,688 1 May/mai 2003 CA (01.05.2003)
(30) 60/466,773 1 May/mai 2003 US (01.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • A METHOD OF DISPLAYING A DOCUMENT
• PROCEDE D'AFFICHAGE D'UN DOCUMENT
(71) MAZ LABORATORY [CA/CA]; 279 Sherbrooke Street West, Suite 301, Montreal, Quebec H2X 1Y2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BROWN, Hans-Frederick [CA/CA]; 5743 Jeanne-Mance, Montreal, Quebec H2V 4K7 (CA). DROUIN, Sylvio [CA/CA]; 3550 Jeanne-Mance, Apt. E-2501, Montreal, Quebec H2X 3P7 (CA).
(74) OGILVY RENAULT; 1981 McGill College Avenue, Suite 1600, Montréal, 10 H3A 2Y3 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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, H04M 1/247
(11) WO 2004/097616 (13) A1
(21) PCT/EP2004/004168
(22) 20 Apr/avr 2004 (20.04.2004)
(25) en (26) en
(30) 03009504.6 28 Apr/avr 2003 EP (28.04.2003)
(30) 60/467,963 5 May/mai 2003 US (05.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD AND DEVICE FOR SCROLLING SPEED CONTROL
• PROCEDE ET DISPOSITIF DE COMMANDE DE VITESSE DE DEFILEMENT
(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FOXENLAND, Eral [SE/SE]; Pålsgö-
gatan 8, S-254 41 Helsingborg (SE).
-
- (74) DAHNÉR, Christer; Ström & Gulliksson IP AB, P.O. Box 7086, S-103 87 Stockholm (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G06F 3/033
(11) WO 2004/097617 (13) A2
(21) PCT/EP2004/004435
(22) 27 Apr/avr 2004 (27.04.2004)
(25) en (26) en
(30) 10/424,607 28 Apr/avr 2003 US (28.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • A SOFTWARE KEYBOARD FOR COMPUTER DEVICES
• CLAVIER LOGICIEL POUR DISPOSITIFS INFORMATIQUES
(71) SAP AKTIENGESSELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ZHOU, Debiao [CN/JP]; Syakujii-cho 8-1-5-207, Nerima-ku, Tokyo (JP).
(74) ROCKE, Carsten; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097618 (13) A2
(21) PCT/EP2004/050597
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 03124113.1 29 Apr/avr 2003 CN (29.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ALLOWING SCREEN FUNCTIONS TO SHARE A COMMON DISPLAY ARE OF A TOUCH SCREEN

- PROCEDE PERMETTANT A DES FONCTIONS D'ECRAN DE PARTAGER UNE ZONE D'AFFICHAGE COMMUNE D'ECRAN TACTILE

(71) **MOTOROLA INC** [US/US]; 1303 E. Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) **MOTOROLA LIMITED** [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke Hampshire RG22 4PD (GB).

(only for / seulement pour BW)

(72, 75) **ZHEN, Li-Xin** [CN/CN]; 322 WuNing Road S, 1001 room, Shanghai 20042 (CN). **HUANG, Jian-Cheng** [CN/US]; 168 An Fu Road, 25C, Shanghai 200031 (CN). **LUO, Xi Ping** [CN/CN]; Shanghai Mei Hua Street, Lane 777 No 10, Room 402, Shanghai 20032 (CN).

(74) **MCCORMACK, Derek J.**; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 3/033**

(11) **WO 2004/097619** (13) A1

(21) PCT/IN2003/000174

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AN ERGOMIC VERTICAL ORIENTED OPERATING SUPPORT CUM POINTING CUM WRITING DEVICE USED IN COMPUTER OR OTHER COMPUTING INPUT DEVICE

- DISPOSITIF ERGONOMIQUE VERTICAL DE SOUTIEN OPERATIONNEL, DE POINTAGE ET D'ECRITURE, UTILISE AVEC UN ORDINATEUR OU UN AUTRE DISPOSITIF DE SAISIE INFORMATIQUE

(71, 72) **SHANKAR, Vineet** [IN/IN]; 1079, 1st Flr., Sector 44 B, Chandigarh, Chandigarh 160 036, Punjab (IN).

(74) **CHADHA, Chetan et al.** / etc.; Chadha & Chadha, Intellectual Property Law Firm, F-171, Ghaffar Market, Karol Bagh, New Delhi 110 005 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **G06F 3/12**

(11) **WO 2004/097620** (13) A2

(21) PCT/EP2004/004012

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 10/428,709 **2 May/mai 2003 (02.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • JOINED FRONT END AND BACK END DOCUMENT PROCESSING

- TRAITEMENTS FRONTAL ET DEPORTE COMBINES DE DOCUMENTS

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) **COMPAGNIE IBM FRANCE** [FR/FR]; Tour Descartes, La Défense 5, 2, Avenue Gambetta, F-92400 Courbevoie (FR).

(only for / seulement pour MC)

(72, 75) **MASTIE, Scott, D.** [US/US]; 7153 Rozena Drive, Longmont, CO 80503 (US). **MITCHELL, Joan, L.** [US/US]; 2400 17th Avenue, Unit 103D, Longmont, CO 80503 (US).

(74) **DE PENA, Alain**; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 **G06F 3/12, B41J 29/38**

(11) **WO 2004/097621** (13) A1

(21) PCT/JP1999/001990

(22) **14 Apr/avr 1999 (14.04.1999)**

(25) ja (26) ja

(30) 10/107906 **17 Apr/avr 1998 (17.04.1998)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • DEVICE AND METHOD FOR GUIDING MAINTENANCE FOR PC PERIPHERAL APPARATUS

- DISPOSITIF ET PROCEDE DE GUIDAGE DE MAINTENANCE DESTINES A UN APPAREIL PERIPHERIQUE DE PC

(71, 72) **TANAKA, Shinji** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwashi, Nagano-ken 392-8502 (JP).

(74) **YOKOI, Toshiyuki**; Yokoi Naigaikoku Tokkyo Jimusho, EBS Building, 6-27, Marunouchi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) US.

Published / Publiée : (e) 13Apr/avr 2004 (13.04.2004), 6721879

(51)⁷ **G06F 3/12**

(11) **WO 2004/097622** (13) A1

(21) PCT/JP2003/005510

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR CONTROL INPUT/OUTPUT OF NETWORK BUSINESS MACHINE INPUT/OUTPUT CONTROL SYSTEM AND NETWORK BUSINESS MACHINE INPUT/OUTPUT CONTROL SYSTEM

- PROCEDE DE COMMANDE DES ENTREES/SORTIES D'UN SYSTEME DE COMMANDE D'ENTREES/SORTIES D'UNE MACHINE COMMERCIALE DE RESEAU ET SYSTEME DE COMMANDE DES ENTREES/SORTIES D'UNE MACHINE COMMERCIALE DE RESEAU

(71) **ALLIED TELESIS KABUSHIKI KAISHA** [JP/JP]; 7-22-17 Nishi-Gotanda, Shinagawa-ku, Tokyo 141-8635 (JP).

(72) **OHTA, Takayuki**; c/o COREGA KABUSHIKI KAISHA, 1-19-20, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). **SHIMIZU, Koji**; c/o COREGA KABUSHIKI KAISHA, 1-19-20, Shinyokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(74) **ABIKO, Tsutomu**; Rm.703, Paredoru-Nihonbashi, 6-3, Nihonbashi-Horidome-cho 1-chome, Chuo-ku, Tokyo 103-0012 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 7/00**

(11) **WO 2004/097623** (13) A1

(21) PCT/IB2004/001242

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/429,281 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR PROVIDING A MULTIMEDIA DATA STREAM

• PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN FLUX DE DONNEES MULTIMEDIA

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA INC [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

(only for / seulement pour LC)

(72, 75) RIDGE, Justin [AU/US]; 5604 Summit Knoll Trail, Sachse, TX 75048 (US).

(74) RETTER, James, A. et al. / etc.; Ware, Fres-sola, Van Der Sluys & Adolphson LLP, Bradford Green, Building Five, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 7/00, 17/30, 15/16, 12/00

(11) WO 2004/097624 (13) A1

(21) PCT/US2004/012841

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/478,154 24 Apr/avr 2003 US
(24.04.2003)(30) 60/465,579 24 Apr/avr 2003 US
(24.04.2003)(30) 60/465,578 24 Apr/avr 2003 US
(24.04.2003)(30) Not furnished / 23 Apr/avr 2004 US
non communiqué (23.04.2004)(30) Not furnished / 23 Apr/avr 2004 US
non communiqué (23.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LARGE FILE SUPPORT FOR A NETWORK FILE SERVER

• PRISE EN CHARGE DE FICHIERS IMPORTANTS POUR UN SERVEUR DE FICHIERS EN RESEAU

(71) NEOPATH NETWORKS, INC. [US/US]; 3945 Freedom Circle, Suite 300, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WONG, Thomas, K.; ** (**). TSIRIG-OTIS, Panagiotis; ** (**). IYENGAR, Anand; ** (**). CHAWLA, Rajeev; ** (**).

(74) CARTWRIGHT, Dorian et al. / etc.; Fenwick & West LLP, 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).

Published / Publiée : (c)

(51)⁷ G06F 9/32

(11) WO 2004/097625 (13) A2

(21) PCT/IB2004/050527

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03101175.2 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ZERO OVERHEAD BRANCHING AND LOOPING IN TIME-STATIONARY PROCESSORS

• EMBRANCHEMENT ET ITERATIONS A SURCHARGE SYSTEME NULLE DANS DES PROCESSEURS STATIONNAIRES DANS LE TEMPS

(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) LEIJTEN, Jeroen, A., J. [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 G06F 9/38

(11) WO 2004/097626 (13) A2

(21) PCT/IB2004/050509

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101182.8 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PARALLEL PROCESSING SYSTEM

• SYSTEME DE TRAITEMENT EN PARALLELE

(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 WEL, Antonius, A., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DE, JONG, Durk, J.; c/o 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 9/40

(11) WO 2004/097627 (13) A2

(21) PCT/CA2004/000615

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

- (30) 60/466,791 **1 May/mai 2003** US
(01.05.2003)
- (30) 2,427,700 **1 May/mai 2003** CA
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METHOD OF REPRESENTING DATA FLOW BETWEEN PROGRAMMING OBJECTS IN A HIERARCHICAL DISPLAY
• PROCEDE DE REPRESENTATION DE FLUX DE DONNES ENTRE DES OBJETS DE PROGRAMMATION DANS UN SYSTEME DE VISUALISATION HIERARCHIQUE
- (71) MAZ LABORATORY [CA/CA]; 279 Sherbrooke Street West, Suite 301, Montreal, Quebec H2X 1Y2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Hans-Frederick [CA/CA]; 5743 Jeanne-Mance, Montreal, Quebec H2V 4K7 (CA). DROUIN, Sylvio [CA/CA]; 3550 Jeanne-Mance, Apt. E-2501, Montreal, Quebec H2X 3P7 (CA). BRAËN, Bruno [CA/CA]; 6116 Durocher, Apt. 8, Montreal, Quebec H2V 3Y6 (CA).
- (74) OGILVY RENAULT; 1981 McGill College Avenue, Suite 1600, Montréal, 10 H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40
- (11) WO 2004/097628 (13) A2
- (21) PCT/EP2004/004400
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) de (26) de
- (30) 103 19 299.9 **29 Apr/avr 2003** DE
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OPTIMISATION AND CARRYING OUT OF A PROGRAM
• OPTIMISATION ET EXECUTION D'UN PROGRAMME
- (71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STOCKER, Thomas [DE/DE]; Königseestrasse 48a, 81825 München (DE).
- (74) DENDORFER, Claus; Wächtershäuser & Hartz, Weinstrasse 8, 80333 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ G06F 9/40
- (11) WO 2004/097629 (13) A2
- (21) PCT/EP2004/004531
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 10/424,636 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SYSTEM FOR DETERMINING UNRETURNED STANDBY RESOURCE USAGE
• SYSTEME POUR LA DETERMINATION D'USAGE DE RESSOURCES DE RESERVE NON RESTITUEES
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) COMPAGNIE IBM FRANCE [FR/FR]; Tour Descartes, 2, avenue Gambetta, F-92066 Paris La Defense cedex (FR).
(only for / seulement pour MC)
- (72, 75) BIRKESTRAND, Daniel, Charles [US/US]; 1305 Glendale Hills Drive NE, Rochester, MN 55906 (US). GRIMM, Randall, Lane [US/US]; 5811 Colonial Lane S.E., Rochester, MN 55904 (US). LEWIS, David, Otto [GE/US]; 1609 Ridge Drive N.E., Rochester, MN 55906 (US). SCHARDT, Terry, Lyle [IN/US]; 1083 White Birch Court NW, Oronoco, MN 55960 (US).
- (74) DE PENA, Alain; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40
- (11) WO 2004/097630 (13) A2
- (21) PCT/GB2004/001358
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/427,081 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MANAGING ACCESS TO OBJECTS OF A COMPUTING ENVIRONMENT
• GESTION D'ACCES AUX DIFFERENTS OBJETS D'UN ENVIRONNEMENT INFORMATIQUE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) ANANTHANARAYANAN, Rajagopal [IN/US]; 522 Sark Court, Milpitas, CA 95035 (US). EVERHART, Craig [US/US]; 225 Huntington Drive, Chapel Hill, NC 27514 (US). JUJJURI, Venkateswararao [IN/US]; 17177 NW Tucson Street, Beaverton, OR 97006 (US). REES, Robert [US/US]; 17963 Greenwood Drive, Los Gatos, CA 95033 (US).
- (74) MATHER, Belinda, Jane; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40
- (11) WO 2004/097631 (13) A2
- (21) PCT/GB2004/001824
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 0310180.5 **2 May/mai 2003** GB
(02.05.2003)

- (30) 0326437.1 13 Nov/nov 2003 GB (13.11.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • IMPROVED ARCHITECTURE FOR GENERATING INTERMEDIATE REPRESENTATIONS FOR PROGRAM CODE CONVERSION
- ARCHITECTURE AMELIOREE PERMETTANT DE GENERER DES REPRESENTATIONS INTERMEDIAIRES POUR LA CONVERSION DE CODES PROGRAMMES
- (71) TRANSITIVE LIMITED [GB/GB]; 5th Floor Alder Castle, 10 Noble Street, London EC2V 7QJ (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OWEN, Daniel [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester, M3 2EG (GB). ANDREWS, Jonathan, Jay [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester, M3 2EG (GB). HOWSON, Miles, Philip [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester, M3 2EG (GB). HAIKEN, David [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester, M3 2EG (GB).
- (74) ROBINSON, Ian, Michael 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 VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40
- (11) WO 2004/097632 (13) A2
- (21) PCT/GB2004/001927
- (22) 4 May/mai 2004 (04.05.2004)
- (25) en (26) en
- (30) 10/428,758 1 May/mai 2003 US (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MANAGING LOCKS AND TRANSACTIONS
- GESTION DE VERROUILLAGES ET DE TRANSACTIONS
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
- (only for / seulement pour MG)*
- (72, 75) WALKER, Michael, Leo [US/US]; 4100 The Woods Drive, Apt 810, San Jose, CA 95136 (US).
- (74) BURT, Roger, James; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40
- (11) WO 2004/097633 (13) A2
- (21) PCT/US2004/008585
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/424,007 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND APPARATUS FOR RECOVERING DATA VALUES IN DYNAMIC RUNTIME SYSTEMS
- PROCEDE ET DISPOSITIF POUR LA RECUPERATION DE VALEURS DE DONNEES DANS DES SYSTEMES D'EXECUTION DYNAMIQUES
- (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, Youfeng; 3658 Bryant Street, Palo Alto, CA 94306 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, 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 VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097634 (13) A2
- (21) PCT/EP2004/004487
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 10/426,934 30 Apr/avr 2003 US (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GUIDED DATA ENTRY
- ENTREE GUIDEE DE DONNEES
- (71) SAP AKTIENGESSELLSCHAFT [DE/DE]; Neurtststrasse 16, 69190 Wall-dorf (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AREND, Udo [DE/DE]; Kuhler Grund 30a, 69126 Heidelberg (DE). EBERLEH, Edmund [DE/DE]; Erlengrund 37, 68789 St. Leon-Rot (DE). WILLUMEIT, Heinz [DE/DE]; Beintweg 25, 69181 Leimen (DE).
- (74) ROCKE, Carsten; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097635 (13) A2
- (21) PCT/US2004/012851
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 60/465,410 25 Apr/avr 2003 US (25.04.2003)
- (30) 60/534,555 5 Jan/jan 2004 US (05.01.2004)
- (30) 10/776,652 10 Feb/fév 2004 US (10.02.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • GRAPHICAL USER INTERFACE FOR BROWSING, SEARCHING AND PRESENTING MEDIA ITEMS
- INTERFACE GRAPHIQUE UTILISATEUR DESTINEE A L'EXPLORATION, A LA RECHERCHE ET A LA PRESENTATION D'ARTICLES DE MEDIA
- (71) APPLE COMPUTER, INC. [US/US]; 1 Infinite Loop, Cupertino, CA 95014 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROBBIN, Jeffrey, L. [US/US]; 705 Benvenue Avenue, Los Altos, CA 94024 (US). HELLER, David [US/US]; 2016 Jonathan Avenue, San Jose, CA 95125 (US). WAGNER, Peter, K. [US/US]; 4028 Farm Hill Blvd., Apt. #12, Redwood City, CA 94061 (US). WIESE, Mike [US/US]; 11681 Timber Spring Court, Cupertino, CA 95014 (US).
- (74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/445

(11) WO 2004/097636 (13) A2

(21) PCT/EP2004/001483

(22) 17 Feb/fév 2004 (17.02.2004)

(25) en (26) en

(30) TO2003A000327 2 May/mai 2003 IT (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND PLATFORM FOR THE AUTOMATED MANAGEMENT OF DISTRIBUTED SYSTEM, CORRESPONDING TELECOMMUNICATIONS NETWORK AND COMPUTER PROGRAM PRODUCT

• METHODE ET PLATE-FORME POUR LA GESTION AUTOMATISEE D'UN SYSTEME DISTRIBUE, RESEAU DE COMMUNICATION ET PRODUIT DE PROGRAMME INFORMATIQUE CORRESPONDANTS

(71) TELECOM ITALIA S.P.A. [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAISER, Gail, E. [US/US]; Columbia University, 500 West 120th Street, New York, NY 10027 (US). VALETTO, Giuseppe [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL 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 G06F 9/46

(11) WO 2004/097637 (13) A2

(21) PCT/GB2004/001899

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 10/428,780 1 May/mai 2003 US (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOCK AND TRANSACTION MANAGEMENT

• VERROU ET GESTION DE TRANSACTION

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)

(72, 75) WALKER, Michael, Leo [US/US]; 4100 The Woods Drive Apt 810, San Jose, CA 95136 (US).

(74) BURT, Roger, James; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097638 (13) A1

(21) PCT/US2003/015717

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(30) 10/402,075 26 Mar/mar 2003 US (26.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENSIBLE USER CONTEXT SYSTEM FOR DELIVERY OF NOTIFICATIONS

• SYSTEME DE CONTEXTES D'UTILISATEUR EXTENSIBLE POUR LA FOURNITURE DE NOTIFICATIONS

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) McKEE, Timothy, P.; 165-35th Avenue East, Seattle, WA 98112 (US). DEBRY, Fabrice, A.; 13616 N.E. 7th Street, Apt. E-5, Bellevue, WA 98005 (US). VAN DOK, Cornelis, K.; 16818 S.E. 2nd Place, Bellevue, WA 98008 (US). WINJUM, Randall, K.; 17628-218th Avenue N.E., Woodinville, WA 98072 (US).

(74) FARBER, George, S.; Christensen O'Connor Johnson Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101-2347 (US).

(81) AE AG AL 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/54, 9/445

(11) WO 2004/097639 (13) A2

(21) PCT/IB2004/000153

(22) 14 Jan/jan 2004 (14.01.2004)

(25) en (26) en

(30) 10/424,566 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OFF-DEVICE CLASS/RESOURCE LOADING METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DEBUGGING A JAVA APPLICATION IN A JAVA MICRO DEVICE

• PROCEDES, SYSTEMES ET PROGRAMMES INFORMATIQUES DE CHARGEMENT DE CLASSES ET/OU DE RESSOURCES HORS-DISPOSITIF POUR LE DEBOGAGE D'UNE APPLICATION JAVA DANS UN DISPOSITIF FONCTIONNANT SOUS L'ENVIRONNEMENT D'EXECUTION JAVA 2 MICRO

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NICHOLS, Paul, H. [US/US]; 4217 Wood Valley Drive, Raleigh, NC 27613 (US). LI, Jian [CN/US]; 111 Conagra Court, Morrisville, NC 27560 (US). ROTH, Jeremy [US/US]; 1306 Virginia Avenue, Durham, NC 27705 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ G06F 11/00
- (11) WO 2004/097640 (13) A2
- (21) PCT/FR2004/000855
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) fr (26) fr
- (30) 03/05121 25 Apr/avr 2003 FR
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR PROTECTING
ERASABLE DATA OF ON-BOARD
IN A MOTOR VEHICLE
- PROCEDE DE PROTECTION DES
DONNEES EFFACABLES D'UN CAL-
CULATEUR EMBARQUE DE VEHI-
CULE AUTOMOBILE
- (71) KOYO STEERING EUROPE (K.S.E)
[FR/FR]; Z.I. du Broteau, F-69540 Irigny
(FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DEVILLE, Jean-Luc [FR/FR]; 9, rue
des Pinsons, F-69720 Saint Laurent de Mure
(FR).
- (74) CABINET GERMAIN & MAUREAU;
B.P. 6153, F-69466 Lyon Cedex 06 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 2004/097641 (13) A1
- (21) PCT/US2003/022789
- (22) 21 Jul/juil 2003 (21.07.2003)
- (25) en (26) en
- (30) 10/406,095 2 Apr/avr 2003 US
(02.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • STATE RECOVERY AND FAILOVER
OF INTELLIGENT NETWORK
ADAPTERS
- RECUPERATION D'ETAT ET BASCU-
LEMENT POUR ADAPTEURS DE
RESEAU INTELLIGENT

- (71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; Gail
H. Zarick, P.O. Box 218, Yorktown Heights,
NY 10598 (US).
- (72) FREIMUTH, Douglas; 400 Central Park
West, Apt. 8U, New York, NY 10025 (US).
MRAB, Ronald; 169 Smith Ridge Road,
South Salem, NY 10590 (US). NAHUM,
Erich; 215 West 84th Street, #406, New York,
NY 10024 (US). PRADHAN, Prashant; 43
Davenport Avenue, Apt. MD, New Rochelle,
NY 10805 (US). SAHU, Sambit; 551 Ken-
nicut Hill Road, Mahopac, NY 10541 (US).
TRACEY, John; 11 Valerie Drive, Yonkers,
NY 10703 (US).
- (74) YEE, Duke; Carstens, Yee & Cahoon, L.L.P.,
P.O. Box 802334, Dallas, TX 75380 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 all designations / pour toutes les
designations
(t) for all designations / pour toutes les
designations
-
- (51)⁷ G06F 11/14, 9/445
- (11) WO 2004/097642 (13) A1
- (21) PCT/EP2003/050133
- (22) 29 Apr/avr 2003 (29.04.2003)
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • EMBEDDED DIGITAL PROCESSING
SYSTEM WITH SELF-CONFIGURED
OPERATION
- SYSTEME DE TRAITEMENT NUME-
RIQUE INCORPARE AVEC EXPLOITA-
TION AUTO-CONFIGUREE
- (71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71) IBM DEUTSCHLAND GMBH [DE/DE];
Pascalstrasse 100, 70569 Stuttgart (DE).
(only for / seulement pour LU)
- (72, 75) AMANN, Eberhard [DE/DE]; Unter-
dorfweg 5, 72108 Rottenburg (DE). ARNEZ,
Andreas [DE/DE]; Dammweg 16, 71101
Schönaich (DE). PIETSMANN, Walter
[DE/DE]; Frankenstrasse 7, 72160 Horb-Bit-
telbronn (DE). SAALMÜLLER, Jürgen
[DE/DE]; Keltenburg 36, 71034 Böblingen
(DE).
- (74) KAUFFMANN, Wolfgang; Postal Code,
70548 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ G06F 11/30
- (11) WO 2004/097643 (13) A2
- (21) PCT/GB2004/001854
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 0309681.5 29 Apr/avr 2003 GB
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MONITORING SOFTWARE
- LOGICIEL DE SURVEILLANCE
- (71) UNIVERSITY OF STRATHCLYDE
[GB/GB]; McCance Building, 16 Richmond
Street, Glasgow G1 1XQ (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) PETROPOULAKIS, Lykourgos
[GB/GB]; 13 Knightslaw Place, Penicuik,
EH26 9EU (GB). STEPHEN, Bruce
[GB/GB]; 9 Maple Avenue, Milton of Camp-
sie, Glasgow G66 8BB (GB).
- (74) MACDOUGALL, Donald, Carmichael et
al. / etc.; Marks & Clerk, 19 Royal Exchange
Square, Glasgow G1 3AE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ G06F 11/30
- (11) WO 2004/097644 (13) A1
- (21) PCT/US2003/008975
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A PERSONAL COMPUTER HAVING A
MASTER COMPUTER SYSTEM AND
AN INTERNET COMPUTER SYSTEM
AND MONITORING A CONDITION OF
SAID MASTER AND INTERNET COM-
PUTER SYSTEMS
- ORDINATEUR PERSONNEL
COMPORTANT UN SYSTEME

D'ORDINATEUR PILOTE ET UN SYSTÈME D'ORDINATEUR PAR INTERNET ET SURVEILLANT L'ÉTAT DE CES SYSTÈMES D'ORDINATEURS PILOTE ET PAR INTERNET

(71, 72) **POLICARD, Claude, M.** [US/US]; 92-16 Whitney Avenue, Apartment #211, Elmhurst, NY 11373 (US).

(74) **KROLL, Michael, I.**; 171 Stillwell Lane, Syosset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 11/34**

(11) **WO 2004/097645** (13) A1

(21) PCT/EP2003/004522

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR EVALUATING DOWNLOAD PERFORMANCE OF WEB PAGES

• PROCEDE, SYSTÈME ET PRODUIT PROGRAMME INFORMATIQUE DESTINÉS À ÉVALUER LES PERFORMANCES DE TÉLÉCHARGEMENT DE PAGES WEB

(71) **TELECOM ITALIA S.P.A.** [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRUNO, Giorgio** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). **MAMINO, Davide** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) **GIANNESI, Pier, Giovanni et al.** / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ **G06F 12/00**

(11) **WO 2004/097646** (13) A2

(21) PCT/DE2004/000794

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) de (26) de

(30) 103 18 730.8 **25 Apr/avr 2003 (25.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE OPERATION OF A DATA PROCESSING UNIT AND DATA PROCESSING SYSTEM FOR CARRYING OUT THE METHOD

• PROCEDE DE FONCTIONNEMENT D'UNE UNITÉ DE TRAITEMENT DE DONNÉES ET SYSTÈME DE TRAITEMENT DE DONNÉES POUR LA MISE EN ŒUVRE DUDIT PROCEDE

(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) **DÜRR, Daniel** [DE/DE]; Chorherrenweg 10, 88339 Bad Waldsee (DE). **PETER, Wolfgang** [DE/DE]; Unterer Sonnenberg 15, 88368 Bergatreute (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097647** (13) A2

(21) PCT/IL2004/000339

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 10/425,394 **29 Apr/avr 2003 (29.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DATA STORAGE AND DISTRIBUTION APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE STOCKAGE ET DE DISTRIBUTION DE DONNÉES

(71) **ANALOG DEVICES INC.** [US/US]; 3 Technology Way, Norwood, MA 02062 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GREENFIELD, Zvi** [IL/IL]; 5 Rivka Goobar Street, 44 471 Kfar Saba (IL).

(74) **G.E. EHRlich (1995) LTD.**; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 **G06F 12/00**

(11) **WO 2004/097648** (13) A1

(21) PCT/JP2003/005381

(22) **25 Apr/avr 2003 (25.04.2003)**

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DATABASE CONTROL METHOD

• PROCEDE DE GESTION D'UNE BASE DE DONNÉES

(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) **TANIGUCHI, Kazuhiro** [JP/JP]; c/o FUJITSU HYPER SOFTWARE TECHNOLOGIES LIMITED, 4-19, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(74) **TOYAMA, Tsutomu et al.** / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(51)⁷ **G06F 12/00, 11/28**

(11) **WO 2004/097649** (13) A1

(21) PCT/JP2003/005382

(22) **25 Apr/avr 2003 (25.04.2003)**

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR CONTROLLING A PLURALITY OF DATABASES

• PROCEDE DE GESTION D'UN ENSEMBLE DE BASES DE DONNÉES

(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) **NISHIGAKI, Masaki** [JP/JP]; c/o FUJITSU HYPER SOFTWARE TECHNOLOGIES LIMITED, 4-19, Shinyokohama

- 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (74) **TOYAMA, Tsutomu** et al. / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (81) JP US.
-
- (51)⁷ **G06F 12/00, 12/02, 12/06, G06K 17/00**
- (11) **WO 2004/097650** (13) A1
- (21) PCT/JP2004/005575
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) ja (26) ja
- (30) 2003-121179 **25 Apr/avr 2003 JP (25.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DATA RECORDING APPARATUS
- APPAREIL D'ENREGISTREMENT DE DONNEES
- (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) **SAITOU, Hiroshi** **OKADA, Takanori** **HOSHINO, Hiromasa** **HORITA, Seiji**
- (74) **IKEUCHI SATO & PARTNER PATENT ATTORNEYS**; OAP TOWER, 26th Floor, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097652** (13) A2
- (21) PCT/EP2004/000631
- (22) **26 Jan/jan 2004 (26.01.2004)**
- (25) de (26) de
- (30) 10319561.0 **30 Apr/avr 2003 DE (30.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR OPERATING A DIGITAL INTERFACE ARRANGEMENT, AND DIGITAL INTERFACE ARRANGEMENT FOR EXCHANGING DATA
- PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN ENSEMBLE INTERFACE NUMERIQUE ET ENSEMBLE INTERFACE NUMERIQUE POUR L'ECHANGE DE DONNEES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHRÖDER, Werner** [DE/DE]; Hemdener Weg 104K, 46399 Bocholt (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 **G06F 12/14, 3/12, B41J 29/00, 29/38, H04N 1/00**
- (11) **WO 2004/097651** (13) A1
- (21) PCT/JP2004/005101
- (22) **8 Apr/avr 2004 (08.04.2004)**
- (25) ja (26) ja
- (30) 2003-124251 **28 Apr/avr 2003 JP (28.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INFORMATION PROCESSING DEVICE
- DISPOSITIF DE MESSAGE
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaiki-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YAMANAKA, Toshihiro** [JP/JP]; 4310, Kamimachi, Ikoma-shi, Nara, 6300131 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (54) • MESSAGING VIRUS COUNTERMEASURE PROGRAM AND SO ON
- PROGRAMME DE CONTRE-MESURE A UN VIRUS DE MESSAGERIE
- (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) **SUZUKI, Norihiko** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **YAMASAKI, Hiroshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **DOI, Kenji** 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.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **G06F 13/00**
- (11) **WO 2004/097654** (13) A1
- (21) PCT/JP2003/005416
- (22) **28 Apr/avr 2003 (28.04.2003)**
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • WEB CONTENT VALIDITY EVALUATION METHOD, WEB CONTENT SEARCH METHOD USING THE SAME, WEB CONTENT ACCOUNTING METHOD, SEARCH SERVER, AND CONTENT PROVIDING DEVICE
- PROCEDE D'EVALUATION DE LA VALIDITE D'UN CONTENU WEB, PROCEDE DE RECHERCHE DE CONTENU WEB, PROCEDE DE COMPTABILISATION DE CONTENU WEB, SERVEUR DE RECHERCHE, ET DISPOSITIF DE FOURNITURE DE CONTENU
- (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) **ISE, Hideki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TOKUNAGA, Mayumi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MATSUSHITA, Hidenori** [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 **G06F 13/00, 12/00, H04N 7/173**
- (11) **WO 2004/097655** (13) A1
- (21) PCT/JP2004/005958
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja

(30) 2003-121870 **25 Apr/avr 2003** JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-MEDIUM INFORMATION SHARING SYSTEM
• SYSTEME DE PARTAGE D'INFORMATION MULTIMEDIA

(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) NAGAI, TakahiroSASAKI, Shin-jiKUNO, Yoshiki

(74) OKUDA, Seiji; OKUDA & ASSOCIATES, 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00, 3/16, 3/00, 17/21

(11) WO 2004/097656 (13) A1

(21) PCT/JP2004/006229

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125147 **30 Apr/avr 2003** JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTENT CREATION SYSTEM, CONTENT CREATION METHOD, COMPUTER-EXECUTABLE PROGRAM FOR EXECUTING THE CONTENT CREATION METHOD, COMPUTER-READABLE RECORDING MEDIUM CONTAINING THE PROGRAM, GRAPHICAL USER INTERFACE SYSTEM, AND DISPLAY CONTROL METHOD

• SYSTEME DE CREATION DE CONTENU, PROCEDE DE CREATION DE CONTENU, PROGRAMME EXECUTABLE PAR ORDINATEUR DESTINE A EXECUTER LE PROCEDE DE CREATION DE CONTENU, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR CONTENANT LE PROGRAMME, SYSTEME D'INTERFACE UTILISATEUR GRAPHIQUE ET PROCEDE DE COMMANDE D'AFFICHAGE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; Old Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAGI, Hironobu [JP/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd.,

1623-14, Shimotsuruma, Yamato-shi, Kanagawa, 2428502 (JP). ASAKAWA, Chieko [JP/JP]; c/o Tokyo Research Laboratory, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa, 2428502 (JP).

(74) SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, 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 G06F 13/16

(11) WO 2004/097657 (13) A2

(21) PCT/US2004/008893

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/423,189 **24 Apr/avr 2003** US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS TO ESTABLISH, REPORT AND ADJUST SYSTEM MEMORY USAGE

• PROCEDE ET APPAREIL PERMETTANT DE METTRE EN OEUVRE, D'ETABLIR UN RAPPORT ET DE REGLER L'UTILISATION D'UNE MEMOIRE SYSTEME

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) VERGIS, George; 175 SE 58th Court, Hillsboro, OR 97123 (US). GUPTA, Nitin; 16795 NW Sandelie Court, Beaverton, OR 97006 (US). HUANG, Yuchen; 1924 NW Norfolk Court, Portland, OR 97229 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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, 3/06, 12/00, G11B 27/00, 20/10, H04N 5/91

(11) WO 2004/097658 (13) A1

(21) PCT/JP2004/005639

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-122838 **25 Apr/avr 2003** JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIRECT RECORDING APPARATUS AND DIRECT RECORDING METHOD
• APPAREIL ET PROCEDE D'ENREGISTREMENT DIRECT

(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) FUKUSHIMA, Keito [JP/JP]OGATA, Toshihiro [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00, 12/14, H04L 9/32

(11) WO 2004/097659 (13) A1

(21) PCT/JP2004/005256

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003-125771 **30 Apr/avr 2003** JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TERMINAL DEVICE, PROVISION SERVER, ELECTRONIC INFORMATION UTILIZATION METHOD, ELECTRONIC INFORMATION PROVISION METHOD, TERMINAL DEVICE PROGRAM, PROVISION SERVER PROGRAM, INTERMEDIATE PROGRAM AND RECORDING MEDIUM

• DISPOSITIF DE TERMINAL, SERVEUR D'APPROVISIONNEMENT, PROCEDE D'UTILISATION D'INFORMATIONS ELECTRONIQUES, PROCEDE D'APPROVISIONNEMENT D'INFORMATIONS ELECTRONIQUES, PROGRAMME DE DISPOSITIF DE TERMINAL, PROGRAMME DE SERVEUR D'APPROVISIONNEMENT ET PROGRAMME INTERMEDIAIRE ET SUPPORT D'ENREGISTREMENT

(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) MIURA, Takayuki [JP/JP]SUZUKI, Naoshi [JP/JP]KATSUBE, Tomohiro [JP/JP]YUZAWA, Keiji [JP/JP]OTANI, Junichi [JP/JP]MASUDA, Takafumi [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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097660 (13) A1

(21) PCT/IB2004/001243

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,120 24 Apr/avr 2003 US (24.04.2003)

(30) 10/826,687 16 Apr/avr 2004 US (16.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR PROACTIVE RATE ADAPTATION SIGNALING
• PROCEDE ET DISPOSITIF PERMETTANT UNE TRANSMISSION A ADAPTATION PROACTIVE DE LA VITESSE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72, 75) LEON, David [FR/US]; 900 Meadow Creek Drive, #3061, Irving, TX 75038 (US).
VARSA, Viktor [HU/US]; 6215 Love Drive, #2437, Irving, TX 75039 (US).
CURCIO, Igor Danilo Diego [IT/IT]; Hatanpään Valtatie 12 C 57, FIN-33100 Tampere (FI).

(74) MAGUIRE, Francis, J. et al. / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00

(11) WO 2004/097661 (13) A1

(21) PCT/KR2004/001008

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10-2003-0028039 1 May/mai 2003 KR (01.05.2003)

(30) 10-2003-0066023 23 Sep/sep 2003 KR (23.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTHENTICATING METHOD AND APPARATUS
• METHODE ET APPAREIL D'AUTHENTIFICATION

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yongsong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUNG, Hyun-Kwon [KR/KR]; (302) 569 Shinsa-dong, Gangnam-gu, Seoul 135-120 (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 G06F 17/00

(11) WO 2004/097662 (13) A1

(21) PCT/KR2004/001013

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0027938 1 May/mai 2003 KR (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RETURN PATH MANAGEMENT SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE GESTION DE VOIE DE RETOUR

(71) ALTICAST CORP. [KR/KR]; 16th Floor, Nara Investment Banking Corp. Bldg., 1328-3, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Zino [KR/KR]; #203-603, Hyundai Home Town 2nd, Dongcheon-maoul, 862, Dongcheon-dong, Yongin-si, Kyunggi-do 449-120 (KR).

(74) KIM, Jin-Hak; 1106, Kumsan Bldg., 17-1, Yoido-dong, Youngdeungpo-ku, Seoul 150-727 (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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/27

(11) WO 2004/097663 (13) A1

(21) PCT/AU2004/000547

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2003902020 29 Apr/avr 2003 AU (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SYSTEM AND PROCESS FOR GRAMMATICAL INFERENCE
• SYSTEME ET PROCEDE D'INFERENCE GRAMMATICALE

(71) TELSTRA NEW WAVE PTY LTD [AU/AU]; ACN 070 562 935, 242 Exhibition Street, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STARKIE, Bradford, Craig [AU/AU]; 52 Boisdale Street, Surrey Hills, Victoria 3127 (AU).

(74) BROWN, Richard, Alan et al. / etc.; Davies Collison Cave, 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/27, 17/30

(11) WO 2004/097664 (13) A2

(21) PCT/CA2004/000645

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

- (30) 60/466,778 **1 May/mai 2003** US
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METHOD AND SYSTEM FOR CONCEPT GENERATION AND MANAGEMENT
• PROCÉDÉ ET SYSTÈME POUR LA GÉNÉRATION ET LA GESTION DE CONCEPTS
- (71) **AXONWAVE SOFTWARE INC.** [CA/CA]; 400 - 6400 Roberts Street, Vancouver, British Columbia V5G 4C9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YESKE, Ryan** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Vancouver, British Columbia V5G 4C9 (CA). **FASS, Daniel, Clifford** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Vancouver, British Columbia V5G 4C9 (CA). **TOOLE, Janine** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Burnaby, British Columbia V5G 4C9 (CA). **NICHOLSON, James, Devlan** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Vancouver, British Columbia V5G 4C9 (CA). **TISHER, Gordon** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Vancouver, British Columbia V5G 4C9 (CA). **TURCATO, Davide** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Vancouver, British Columbia V5G 4C9 (CA). **POPOWICH, Frederick, Paul** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Burnaby, British Columbia V5G 4C9 (CA). **MOSNY, Milan** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Burnaby, British Columbia V5G 4C9 (CA). **DOBOS, Andrej** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Burnaby, British Columbia V5G 4C9 (CA). **BYNE, Magnus** [CA/CA]; c/o Axonwave Software Inc., 400 - 6400 Roberts Street, Burnaby, British Columbia V5G 4C9 (CA).
- (74) **INGALLS, Doran**; c/o Fasken Martineau DuMoulin LLP, 2100 - 1075 West Georgia Street, Vancouver, British Columbia V6E 3G2 (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 **G06F 17/30**
- (11) **WO 2004/097665** (13) A1
- (21) PCT/CA2004/000625
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) en (26) en
- (30) 60/465,679 **28 Apr/avr 2003** US
(28.04.2003)
- (30) 60/474,403 **2 Jun/juin 2003** US
(02.06.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND SYSTEM FOR PROVIDING LOCATION SENSITIVE BUSINESS INFORMATION TO CUSTOMERS
• PROCEDE ET SYSTEME POUR FOURNIR A DES CLIENTS DES INFORMATIONS COMMERCIALES QUI VARIENT EN FONCTION DU LIEU
- (71) **CALL GENIE INC.** [CA/CA]; Suite 301, 1111 - 11 Avenue SW, Calgary, Alberta T2R 0G5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIMPSON, Todd, Garrett** [CA/CA]; Suite 301, 1111 - 11 Avenue SW, Calgary, Alberta T2R 0G5 (CA). **LUGG, Christopher, Edward** [CA/CA]; Suite 301, 1111 - 11 Avenue SW, Calgary, Alberta T2R 0G5 (CA). **LOWE, Danny, Dace** [CA/CA]; Suite 301, 1111 - 11 Avenue SW, Calgary, Alberta T2R 0G5 (CA). **BUNKOWSKY, Garry, Dewayne** [CA/CA]; Suite 301, 1111 - 11 Avenue SW, Calgary, Alberta T2R 0G5 (CA). **SHARP, Michael, Alexander** [CA/CA]; Suite 301, 1111 - 11 Avenue SW, Calgary, Alberta T2R 0C5 (CA).
- (74) **BENNETT JONES LLP**; Attention: Roseann Caldwell, 4500 Bankers Hall East, 855 - 2nd Street SW, Calgary, Alberta T2P 4K7 (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 **G06F 17/30, H04L 29/06, G05B 19/418**
- (11) **WO 2004/097666** (13) A1
- (21) PCT/DE2004/000420
- (22) **27 Feb/fév 2004 (27.02.2004)**
- (25) de (26) de
- (30) 103 19 887.3 **25 Apr/avr 2003** DE
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR ADAPTING A DATABASE DISPLAYED ON A CLIENT DATA PROCESSING UNIT TO A SOURCE DATABASE STORED ON A SERVER DATA PROCESSING UNIT
• PROCEDE D'ADAPTATION D'UN JEU DE DONNEES AFFICHE SUR UN DISPOSITIF DE TRAITEMENT DE DONNEES CLIENT A UN JEU DE DONNEES SOURCE MEMORISE DANS UN DISPOSITIF DE TRAITEMENT DE DONNEES SERVEUR
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIETRICH, Fabian** [DE/DE]; Zerzabelshofstrasse 113, 90480 Nürnberg (DE). **JACHMANN, Thomas** [DE/DE]; Grazer Str. 13, 90475 Nürnberg (DE). **RÜCKEL, Uwe** [DE/DE]; Marpergerstr. 3, 90455 Nürnberg (DE). **ZALAR, Eduard** [DE/DE]; Am Richtgraben 1, 90530 Wendelstein (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/097667** (13) A2
- (21) PCT/EP2004/003742
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) en (26) en
- (30) 10/423,011 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AUTOMATED DATA MINING RUNS
• PROCEDE AUTOMATISE D'EXPLORATION EN PROFONDEUR DE DONNEES
- (71) **SAP AG** [DE/DE]; Neurtstr. 6, 69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DILL, Marcus** [DE/DE]; Rebenweg 2, 69168 Wiesloch (DE). **MAHABAL, Harish, Hoskere** [IN/IN]; 615/22, IV Cross Raghavendra Colony, Behind IIMB Bilekahalli, Bannerghatta Road, IN-560076 Bangalore (IN). **SHANKAR, Lakshmi** [IN/IN]; Prashanth Kumar Shrinivasan, Building: "White House", House No. DII 307, 15th Cross, 6th Main, RT Nagar II Block, IN-560032 Bangalore (IN). **WEIDNER, Jens** [DE/DE]; Tuerkisweg 19, 69181 Leimen (DE). **ECKER, Bernd** [DE/DE]; Friedhofstr. 27, 67071 Ludwigshafen (DE).
- (74) **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Str. 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/097668 (13) A1

(21) PCT/EP2004/003821

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/422,846 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACCESSING DATA BASED ON USER IDENTITY

• PROCEDE PERMETTANT DE CONSULTER DES DONNEES SUR LA BASE DE L'IDENTITE DE L'UTILISATEUR

(71) SAP AG [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFITZNER, Ingo [DE/DE]; Spinolastr. 1, 13125 Berlin (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 2004/097669 (13) A2

(21) PCT/EP2004/003824

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/422,753 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACCESSING DATA STORED IN MULTIPLE LOCATIONS

• PROCEDE PERMETTANT DE CONSULTER DES DONNEES STOCKEES DANS DIFFERENTS EMPLACEMENTS

(71) SAP AG [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFITZNER, Ingo [DE/DE]; Spinolastr. 1, 13125 Berlin (DE).

(74) SCHIUMA, Daniele; Müller-Boré & Partner, Grafinger Str. 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/097670 (13) A1

(21) PCT/EP2004/003972

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 19 427.4 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR GENERATING DATA RECORDS FROM A DATA BANK, ESPECIALLY FROM THE WORLD WIDE WEB, CHARACTERISTIC SHORT DATA RECORDS, METHOD FOR DETERMINING DATA RECORDS FROM A DATA BANK WHICH ARE RELEVANT FOR A PREDEFINED SEARCH QUERY AND SEARCH SYSTEM FOR IMPLEMENTING SAID METHOD

• PROCEDE POUR GENERER DES ENREGISTREMENTS COURTS CARACTERISTIQUES D'ENREGISTREMENTS ISSUS D'UNE BANQUE DE DONNEES, EN PARTICULIER D'INTERNET, PROCEDE POUR DETERMINER LES ENREGISTREMENTS D'UNE BANQUE DE DONNEES QUI SONT PERTINENTS POUR UNE INTERROGATION PREDEFINISSABLE, ET SYSTEME DE RECHERCHE SERVANT A LA MISE EN OEUVRE DE C

(71) CONTRACO CONSULTING & SOFTWARE LIMITED [GB/GB]; Athene House, The Broadway, London NW73 TB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHAALE, Andreas [DE/DE]; Mulackstrasse 6, 10119 Berlin (DE).

(74) WALKENHORST, Andreas; Tergau & Pohl, Eschersheimer Landstrasse 26, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 2004/097671 (13) A2

(21) PCT/EP2004/050409

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/426,166 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SYSTEM AND METHOD FOR GENERATING REFINEMENT CATEGORIES FOR A SET OF SEARCH RESULTS

• SYSTEME ET PROCEDE DE PRODUCTION DE CATEGORIES AFFINEES POUR UN GROUPE DE RESULTATS DE RECHERCHE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM DEUTSCHLAND GMBH [DE/DE]; Pascalstrasse 100, 70569 Stuttgart (DE).

(only for / seulement pour LU)

(72, 75) HOLT, Alexander [US/US]; 15A Woodland Street, Mount Kisco, NY 10549 (US). MORAN, Michael [US/US]; 504 Darby Court, Ridgewood, NJ 07350 (US). VELDERMAN, Pat [US/US]; 242 Kimball Avenue, Westfield, NJ 07090 (US). GATES, Stephen [US/US]; 78 Mountain Road, Redding, CT 06896 (US).

(74) TEUFEL, Fritz; Postal Code, 70548 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/097672 (13) A1

(21) PCT/EP2004/000625

(22) 26 Jan/jan 2004 (26.01.2004)

(25) de (26) de

(30) 103 19 588.2 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MANAGING AND REPRESENTING THE MEMORY CONTENT ON THE USER SURFACE OF

A DATA PROCESSING TERMINAL AND/OR COMMUNICATION TERMINAL

- PROCEDE DE GESTION ET DE REPRESENTATION DU CONTENU DE MEMOIRE SUR LA SURFACE D'UTILISATEUR D'UN TERMINAL DE TRAITEMENT DE DONNEES ET / OU D'UN TERMINAL DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Andreas** [DE/DE]; Neustadtring 48, 38114 Braunschweig (DE). **TRAUBERG, Markus** [DE/DE]; Valkeakoskistrasse 6, 38159 Velchede (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G06F 17/30**

(11) **WO 2004/097673** (13) A1

(21) PCT/FI2004/050044

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 20035055 **30 Apr/avr 2003** FI **(30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **LOW MEMORY DECISION TREE**

- ARBRE DE DECISION A MEMOIRE DE BASE

(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) **SUONTAUSTA, Janne** [FI/FI]; Osuuskunnankatu 7 A 4, FI- Tampere (FI). **TIAN, Jilei** [FI/FI]; Tohtorinkatu 32 B 9, FI-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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097674** (13) A1

(21) PCT/FI2004/050046

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 20030657 **30 Apr/avr 2003** FI **(30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **IMAGING PROFILE IN DIGITAL IMAGING**

- PROFIL D'IMAGERIE EN IMAGERIE NUMERIQUE

(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) **KIISKINEN, Arto** [FI/US]; 5230 Fiore Terrace #408, San Diego, CA 92122 (US).

(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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G06F 17/30**

(11) **WO 2004/097675** (13) A1

(21) PCT/GB2004/001912

(22) **4 May/mai 2004 (04.05.2004)**

(25) en (26) en

(30) 0310218.3 **2 May/mai 2003** GB **(02.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **DIGITAL LIBRARY SYSTEM**

- SYSTEME DE BIBLIOTHEQUE NUMERIQUE

(71, 72) **ROUSSEAU, David, Nicholas** [GB/GB]; 30 Leigh Close, Addlestone, Surrey KT15 1EL (GB). **ROUSSEAU, Julie, Anne** [GB/GB]; 30 Leigh Close, Addlestone, Surrey KT15 1EL (GB).

(74) **SPAARGAREN, Jerome et al.** / etc.; Electronic Intellectual Property, Suite 308, The Foundry, 156 Blackfriars Road, London SE1 8EN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 **G06F 17/30**

(11) **WO 2004/097676** (13) A1

(21) PCT/GB2004/000212

(22) **19 Jan/jan 2004 (19.01.2004)**

(25) en (26) en

(30) 0309462.0 **25 Apr/avr 2003** GB **(25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **A METHOD OF, AND SYSTEM FOR, REPLACING EXTERNAL LINKS IN ELECTRONIC DOCUMENTS**

- PROCEDE ET SYSTEME DE REMPLACEMENT DE LIENS EXTERNES DANS DES DOCUMENTS ELECTRONIQUES

(71) **MESSAGELABS LIMITED** [GB/GB]; 1270 Landsdowne Court, Gloucester Business Park, Gloucester GL3 4AB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIPP, Alexander** [GB/GB]; Star Internet, Brighthouse Court, Barmwood, Gloucester GL4 3RT (GB).

(74) **AYERS, Martyn, Lewis, Stanley 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G06F 17/30**

(11) **WO 2004/097677** (13) A1

(21) PCT/IB2004/000669

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) en (26) en

(30) 03405295.1 **28 Apr/avr 2003** EP **(28.04.2003)**

- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AUTOMATIC DATA CONSOLIDATION
• CONSOLIDATION AUTOMATIQUE DE DONNEES
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HILD, Stefan, G. [DE/US]; 130 Mitchell Road, Somers, NY 10589 (US). PAWLITZEK, René, A. [LI/CH]; Schlossbergstrasse 17, CH-8802 Kilchberg (CH). RJAIBI, Walid [CA/CA]; 10 Monkhouse Road, Markham, Ontario L6E 1E9 (CA). STOLZE, Markus [DE/CH]; Sustenweg 40, CH-3014 Bern (CH).
- (74) KLETT, Peter, M. et al. / etc.; IBM Research GmbH, Zurich Research Laboratory, Intellectual Property Law, 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G06F 17/30
- (11) WO 2004/097678 (13) A1
- (21) PCT/JP2003/005526
- (22) 30 Apr/avr 2003 (30.04.2003)
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AUTOMATIC DOCUMENT CLASSIFICATION PROGRAM, METHOD AND DEVICE THEREOF
• PROGRAMME DE CLASSIFICATION DE DOCUMENTS AUTOMATIQUE, PROCEDE ET DISPOSITIF ASSOCIES
- (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) MOCHIZUKI, Shigehiro [JP/JP]; c/o FUJITSU INFO SOFTWARE TECHNOLOGIES LIMITED, 18-1, Minamicho, Shizuoka-shi, Shizuoka 422-8572 (JP).
- (74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) JP US.
-
- (51)⁷ G06F 17/30
- (11) WO 2004/097679 (13) A1
- (21) PCT/JP2004/005860
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-120876 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DATABASE DEVICE, DATABASE SEARCH DEVICE, AND METHOD THEREOF
• DISPOSITIF DE BASE DE DONNEES, DISPOSITIF DE RECHERCHE DE BASE DE DONNEES ET METHODE ASSOCIEE
- (71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 State Highway 249, Houston, TX 77070 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Akio [JP/JP]; 33-12-409, Sakuradai, Aoba-ku, Yokohama-shi, Kanagawa 227-0061 (JP). NAKAGAWA, Shinya [JP/JP]; #107, 4-13-2, Kamirenjyaku, Mitaka-shi, Tokyo 181-0012 (JP). SHIMIZU, Hiroyuki [JP/JP]; #206, 1-1-18, Kichijojikita-machi, Musashino-shi, Tokyo 180-0001 (JP).
- (74) PATENT RELATED CORPORATION IPS; 12F, Yokohama Creation Square, 5-1, Sakae-cho, Kanagawa-ku, Yokohama-city, Kanagawa 221-0052 (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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, 7/00
- (11) WO 2004/097680 (13) A1
- (21) PCT/US2003/015294
- (22) 16 May/mai 2003 (16.05.2003)
- (25) en (26) en
- (30) 10/403,175 27 Mar/mar 2003 US (27.03.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FILE SYSTEM FOR DISPLAYING ITEMS OF DIFFERENT TYPES AND FROM DIFFERENT PHYSICAL LOCATIONS
• SYSTEME DE FICHIER POUR AFFICHAGE D'ARTICLES DE DIFFERENTS TYPES DEPUIS DIVERS EMPLACEMENTS MATERIELS
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) MOORE, Jason, F.; 431 Fifth Avenue South, Apartment 2, Kirkland, WA 98033 (US). DE VORCHIK, David; 414 West Newell Street, Seattle, WA 98119 (US). CHALIVENDRA, Sasanka, C.; 8500-148th Avenue N.E., Apartment S2062, Redmond, WA 98052 (US). BALLOU, Nathaniel, H.; 11126 N.E. 104th Way, Kirkland, WA 98033 (US). GUZAK, Chris, J.; 8363 N.E. Juanita Drive, Kirkland, WA 98034 (US). KAASTEN, Shaun, A.; 6608 - 130th Avenue N.E., Unit J201, Kirkland, WA 98033 (US). BANKS, Richard, M.; 9739 - 112th Avenue N.E., Kirkland, WA 98033 (US). SHELDON, David, J.; 2319 First Avenue, #302, Seattle, WA 98121 (US). MINER, Patrice, L.; 3719 - 101st Way N.E., Kirkland, WA 98033 (US).
- (74) FARBER, George, S.; Christensen O'Connor Johnson Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101-2347 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO 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, 7/00

(11) WO 2004/097682 (13) A1

(21) PCT/US2003/015720

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(30) 10/403,341 27 Mar/mar 2003 US
(27.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR FIL-
TERING AND ORGANIZING ITEMS
BASED ON COMMON ELEMENTS
• SYSTEME ET PROCEDE POUR FIL-
TRER ET ORGANISER DES ELE-
MENTS SUR LA BASE D'ELEMENTS
COMMUNS

(71) MICROSOFT CORPORATION [US/US];
One Microsoft Way, Redmond, WA 98052
(US).

(72) KAASTEN, Shaun, A.; 6608 - 130th Av-
enue N.E., Unit J201, Kirkland, WA 98033
(US). MOORE, Jason, F.; 431 Fifth Av-
enue S., Apt. 2, Kirkland, WA 98033 (US).
TUBBS, Kenneth, M.; 14278 S.E. 6th
Street, Apt. R104, Bellevue, WA 98007
(US). IVANOVIC, Relja; 3009 174th Av-
enue N.E., Redmond, WA 98052 (US). DE
VORCHIK, David, D.; 414 West Newell
Street, Seattle, WA 98119 (US). BANKS,
Richard, M.; 9739 - 112th Avenue N.E.,
Kirkland, WA 98033 (US). MINER, Patrice,
L.; 3719 101st Way N.E., Kirkland, WA
98033 (US).

(74) FARBER, George, S.; Christensen
O'Connor Johnson Kindness PLLC, Suite
2800, 1420 Fifth Avenue, Seattle, WA
98101-2347 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO 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, G11B 27/00, H04L 29/06,
29/08

(11) WO 2004/097683 (13) A2

(21) PCT/US2004/011621

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/423,638 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACCESSING MEDIA ACROSS NET-
WORKS

• ACCES A DES CONTENUS MULTIME-
DIA A TRAVERS DES RESEAUX

(71) APPLE COMPUTER, INC. [US/US]; 1 In-
finite Loop, MS:PAT-38, Cupertino, Califor-
nia 95014 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JAWA, Amandeep [US/US]; 225A Do-
lores Street, San Francisco, California 94103
(US). ROBBIN, Jeffrey, L. [US/US]; 705
Benvenue Avenue, Los Altos, California
94024 (US). HELLER, David [US/US];
2016 Jonathan Avenue, San Jose, California
95125 (US).

(74) THOMAS, C. Douglass; BEYER WEAVER
& THOMAS, LLP, P.O. BOX 778, Berkeley,
California 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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, H04L 29/06

(11) WO 2004/097684 (13) A1

(21) PCT/US2004/012402

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/423,789 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM FOR LOW-LATENCY ANI-
MATION OF TALKING HEADS

• SYSTEME D'ANIMATION A FAIBLE
TEMPS D'ATTENTE DE TETES PAR-
LANTES

(71) AT & T CORP. [US/US]; 32 Avenue of the
Americas, New York, NY 10013-2412 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OSTERMANN, Joern [DE/US]; 86
Queensbury Ct., Morganville, NJ 07751
(US). COSATTO, Eric [CH/US]; J-14 Twin
Lights Court, Highlands, NJ 07732 (US).
GRAF, Hans, Peter [US/US]; 24 High Point
Road, Lincroft, NJ 07738 (US).

(74) ISAACSON, Thomas, M.; The Law Office
of Thomas M. Isaacson, 850 Lindy Lane,
Huntingtown, MD 20639 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 2004/097685 (13) A2

(21) PCT/US2004/012836

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,585 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISTRIBUTED SEARCH METHODS,
ARCHITECTURES, SYSTEMS, AND
SOFTWARE

• METHODES, ARCHITECTURES,
SYSTEMES ET LOGICIEL DE RE-
CHERCHE EN MODE REPARTI

(71) THE THOMSON CORPORATION
[US/US]; Metro Center@One Station Place,
Stanford, CT 06902 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BLUHM, Mark [—/US]; 7833 Jenner
Avenue South, Cottage Grove, MN 06902
(US).

(74) STEFFEY, Charles E. et al. / etc.; Schweg-
man, 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).

(51)⁷ G06F 17/30

(11) WO 2004/097686 (13) A1

(21) PCT/US2004/012846

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,578 24 Apr/avr 2003 US
(24.04.2003)

(30) 60/465,579 24 Apr/avr 2003 US
(24.04.2003)

(30) 10/831,701 23 Apr/avr 2004 US
(23.04.2004)

(30) 10/831,376 23 Apr/avr 2004 US
(23.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSPARENT FILE REPLICATION
USING NAMESPACE REPLICATION

- REPLICATION TRANSPARENTE
DE FICHIERS PAR REPLICATION
D'ESPACES DE NOMMAGE

(71) NEOPATH NETWORKS, INC. [US/US];
3945 Freedom Circle., Suite 300, Santa Clara,
CA 95054 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) WONG, Thomas, K. [US/US]; 1118
Mataro Ct., Pleasanton, CA 94566 (US).
TSIRIGOTIS, Panagiotis [GR/US]; 1575
Tenaka Pl., #D-5, Sunnyvale, CA 94087
(US). IYENGAR, Anand [US/US]; 4306
Collins CT., #204, Mountain View, CA
94040 (US). CHAWLA, Rajeev [US/US];
5819 Carmel Way, Union City, CA 94589
(US).(74) CARTWRIGHT, Dorian et al. / etc.; Fen-
wick & West LLP, 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).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 2004/097687 (13) A1

(21) PCT/US2004/009775

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/466,333 29 Apr/avr 2003 US
(29.04.2003)(30) 10/714,121 14 Nov/nov 2003 US
(14.11.2003)(30) 10/714,122 14 Nov/nov 2003 US
(14.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVED SYSTEM, METHOD AND
INDEX FILE FORMAT FOR STOR-
ING AND RETRIEVING IMAGES IN A
DOCUMENT PROCESSING SYSTEM

- SYSTEME, PROCEDE ET FORMAT DE
FICHIER INDEX AMELIORES POUR
LE STOCKAGE ET LA RECUPERA-
TION D'IMAGES DANS UN SYSTEME
DE TRAITEMENT DE DOCUMENTS

(71) UNISYS CORPORATION [US/US];
Unisys Way, MS/E8-114, Blue Bell, PA
19424-0001 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KRYKA, Anton, Joseph; 8200 Five
Mile Road, Northville, MI 48167 (US). LA-
PORTE, David, Andrew; 35597 Southamp-
ton, Livonia, MI 48154 (US).(74) STARR, Mark, T. et al. / etc.; Unisys Cor-
poration, Unisys Way, MS/E8-114, Blue Bell,
PA 19424-0001 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30, 7/00, 15/16, 17/60

(11) WO 2004/097688 (13) A1

(21) PCT/US2004/009941

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/466,431 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPPORT APPLICATIONS FOR RICH
MEDIA PUBLISHING

- APPLICATIONS D'ASSISTANCE POUR
EDITION MULTIMEDIA ENRICHEE

(71) SONY PICTURES ENTERTAINMENT
INC. [US/US]; 10202 West Washington
Boulevard, Culver City, CA 90232 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SPRING, Leslie [US/US]; SPD 6025
West Slauson Avenue, Culver City, CA 90231
(US). HOLLENBECK, Todd [US/US]; SPD
6025 West Slauson Avenue, Culver City, CA
90231 (US). HJELMING, James, Andreas
[US/US]; SPD 6025 West Slauson Avenue,
Culver City, CA 90231 (US). HSIU, Galvin,
Karan [US/US]; SPD 6025 West Slauson
Avenue, Culver City, CA 90231 (US). PEÑA,
Jose, Armando [US/US]; SPD 6025 West
Slauson Avenue, Culver City, CA 90231
(US). HAMOUI, Omar [US/US]; SPD 6025
West Slauson Avenue, Culver City, CA 90231
(US).(74) FROMMER, William, S.; Frommer
Lawrence & Haug LLP, 745 Fifth Avenue,
New York, NY 10151 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJCF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/50, 1/32

(11) WO 2004/097689 (13) A1

(21) PCT/IB2004/050514

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101155.4 28 Apr/avr 2003 EA
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTIVITY PROFILING FOR CON-
TROLLING INTEGRATED CIRCUIT
OPERATION

- PROFILAGE D'ACTIVITE PERMET-
TANT DE CONTROLER LE FONC-
TIONNEMENT D'UN CIRCUIT IN-
TEGRE

(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) PESSOLANO, Francesco [IT/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). PINEDA DE GYVEZ, Jose, D., J.
[MX/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). KRISHNAN, Rohini
[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).

Published / Publiée : (c)

Declaration / Déclaration :

*(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)*(51)⁷ G06F 17/60

(11) WO 2004/097690 (13) A1

(21) PCT/AU2004/000568

(22) 30 Apr/avr 2004 (30.04.2004)

- (25) en (26) en
- (30) 2003902052 **30 Apr/avr 2003** AU
(30.04.2003)
- (30) 2003902051 **30 Apr/avr 2003** AU
(30.04.2003)
- (30) 2004901119 **3 Mar/mar 2004** AU
(03.03.2004)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **INTERACTIVE MARKETING SYSTEM**
• SYSTEME DE COMMERCIALISATION INTERACTIF
- (71) **AUTOMATED BEVERAGE TECHNOLOGIES LTD** [CN/CN]; c/- BDO McCabe Lo & Co, 29th Floor, Wing On Centre, 111 Connaught Road Central, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOK, Peter** [AU/AU]; c/- Bar Master Corporation Pty Limited, D/50 Rosebery Avenue, Rosebery, New South Wales 2018 (AU).
VOK, George [AU/AU]; c/- Bar Master Corporation Pty Limited, D/50 Rosebery Avenue, Rosebery, New South Wales 2018 (AU).
- (74) **BLAKE DAWSON WALDRON PATENT SERVICES**; Level 35, Grosvenor Place, 225 George Street, Sydney, New South Wales 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097691** (13) A2
- (21) PCT/DE2004/000124
- (22) **28 Jan/jan 2004 (28.01.2004)**
- (25) de (26) de
- (30) 103 19 223.9 **29 Apr/avr 2003** DE
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **METHOD AND DEVICE FOR THE DETECTION OF INDIVIDUAL GARMENT SIZES**
• PROCEDE ET DISPOSITIF DE DETECTION DE MESURES INDIVIDUELLES DE VETEMENTS
- (71) **ATWAYS AG** [DE/DE]; Behringstrasse 16 a, 22765 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAMCKE, Hubert** [DE/DE]; Eichenhorst 13, 25421 Pinneberg (DE).
- (74) **KLICKOW, Hans-Henning**; Jessenstrasse 4, 22767 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK

- DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/097692** (13) A2
- (21) PCT/EP2004/003537
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) de (26) de
- (30) 103 19 325.1 **29 Apr/avr 2003** DE
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **PROCESS MODELING TOOL**
• OUTIL DESTINE A UNE MODELISATION DE PROCESSUS
- (71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRAUCH, Eckhard** [DE/DE]; Rosenstr. 66, 76287 Rheinstetten (DE). **FRIEDRICH, Hermann** [DE/DE]; Von-Millau-Str. 4, 85604 Zorneding (DE). **GIKAS, Diamantis** [GR/DE]; Warmbrunner-Str. 14, 90473 Nürnberg (DE). **WEH, Thomas** [AT/DE]; Stöberlstr. 63, 80686 München (DE).
- (74) **SIEMENS AKTIENGESSELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 17/60**
- (11) **WO 2004/097693** (13) A2
- (21) PCT/EP2004/004296
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) de (26) de
- (30) 103 18 871.1 **25 Apr/avr 2003** DE
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **METHOD AND DEVICE FOR ASSIGNING SEATS IN MEANS OF TRANSPORT FOR PASSENGERS**

- **PROCEDE ET DISPOSITIF POUR ATTRIBUER DES PLACES ASSISES DANS DES MOYENS DE TRANSPORT DE PERSONNES**
- (71, 72) **REHM, Klaus** [DE/DE]; Zwergbachstrasse 16, 89428 Staufen (DE).
- (74) **GESTHUYSEN, VON ROHR & EGGERT**; Huyssenallee 100, 45128 Essen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) **G06F 17/60**
- (11) **WO 2004/097694** (13) A2
- (21) PCT/EP2004/004420
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) en (26) en
- (30) 10/424,997 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • **A METHOD AND A SYSTEM FOR IMPROVED AUTOMATED TRADING OF SWAP CONTRACTS**
• PROCEDE ET SYSTEME D'ECHANGE AUTOMATISE AMELIORE DE CONTRATS SWAP
- (71) **OM TECHNOLOGY AB** [SE/SE]; Tullvaktsvägen 15, S-10578 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **AHLENIUS, Ulf**; Tranebergsvägen 96, S-16744 Bromma (SE). **LUNDBERG, Jonas**; Birger Jarlsgatan 105, 4tr, S-11356 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).

(51)⁷ G06F 17/60

(11) WO 2004/097695 (13) A1

(21) PCT/GB2004/001800

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309443.0 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRODUCT PRODUCTION
• PRODUCTION D'UN PRODUIT(71, 72) DEAN, Lionel, Theodore [GB/GB];
52 Rauceby Drove, South Rauceby, Lincolnshire NG34 8QB (GB). ATKINSON, Paul [GB/GB]; 42 Burnlee Road, Holmfirth, Huddersfield HD9 2PS (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/60

(11) WO 2004/097696 (13) A1

(21) PCT/GB2004/001809

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0310089.8 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATED DEFINITION AND IM-
PLEMENTATION OF BUSINESS PRO-
CESSES
• DEFINITION ET REALISATION AUTO-
MATIQUES DE PROCESSUS OPERA-
TIONNELS(71) FOCUS BUSINESS SOLUTIONS LIM-
ITED [GB/GB]; Cranford House, Kenilworth
Road, Leamington Spa, Warwickshire CV32
6RQ (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HARDING, Darren [GB/GB]; 21
Reservoir Road, Solihull B92 8BA (GB).
CARR, Ian [GB/GB]; 7 Pear Tree Drive,
Sedgeberrow, Nr Evesham WR11 6GQ (GB).
PICK, Dave [GB/GB]; 11 Halford Close,
Whetstone, Leicester LE8 6EX (GB). MOR-
RIS, Rhydian [GB/GB]; 31 Agatha Gardens,
Fernhill Heath, Worcester WR3 8PB (GB).(74) CHARIG, Raymond; Eric Potter Clarkson,
Park View House, 58 The Ropewalk, Notting-
ham NG1 5DD (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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, G01G 19/415

(11) WO 2004/097697 (13) A1

(21) PCT/GB2004/001823

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0310170.6 2 May/mai 2003 GB
(02.05.2003)(30) 0319786.0 22 Aug/août 2003 GB
(22.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS IN STOCK MAN-
AGEMENT
• AMELIORATIONS APPORTEES A LA
GESTION DES STOCKS(71) IMI VISION LIMITED [GB/GB]; Tything
Road, Alcester, Warwickshire B49 6EU (GB).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RATHBONE, David [US/GB]; 13301
Maple Knoll Way, Apartment 911, Mape
Grove, MN 55369 (US).(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).

(51) G06F 17/60

(11) WO 2004/097698 (13) A2

(21) PCT/GB2004/001872

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310135.9 2 May/mai 2003 GB
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANALYTICAL PROCESSOR
• PROCESSEUR ANALYTIQUE(71, 72) BRIERLEY, Gerry [GB/GB]; Green
Acres, Shere Road, West Clandon, Surrey
GU4 8SG (GB).(74) DEANS, Michael, John, Percy; M.J.P.
Deans, Lane End House, Hookley Lane,
Elstead, Surrey GU8 6JE (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097699 (13) A1

(21) PCT/JP2003/012307

(22) 25 Sep/sep 2003 (25.09.2003)

(25) ja (26) ja

(30) 2003-157327 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM ASSOCIATED WITH BREED-
ING AND SALE OF PET ANIMAL
• SYSTÈME ASSOCIÉ À L'ÉLEVAGE ET
À LA VENTE D'ANIMAUX DE COM-
PAGNIE(71, 72) NOGUCHI, Masamichi [JP/JP];
1-15-3-1111, Dogenzaka 1-chome,
Shibuya-ku, Tokyo 150-0043 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC 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 17/60

(11) WO 2004/097700 (13) A1

(21) PCT/JP2003/005434

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ESTIMATE INFORMATION CRE-
ATING DEVICE, ESTIMATE IN-
FORMATION CREATION NO-
TIFYING METHOD, AND PRO-
GRAM-RECORDED MEDIUM

- DISPOSITIF DE CREATION D'INFORMATIONS D'ESTIMATION, PROCEDE DE NOTIFICATION DE CREATION D'INFORMATIONS D'ESTIMATION ET SUPPORT ENREGISTRE DANS UN 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) **HIROTSUNE, Shinji** [JP/JP]; 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP).

(74) **KAWAMIYA, Osamu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/097701 (13) A1

(21) PCT/JP2003/005513

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRONIC MONEY MANAGEMENT SYSTEM, ELECTRONIC MONEY MANAGEMENT METHOD, AND COMPUTER PROGRAM

- SYSTÈME ET PROCEDE DE GESTION D'ARGENT ELECTRONIQUE, ET PROGRAMME INFORMATIQUE

(71) **BITWALLET, INC** [JP/JP]; 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UMEYA, Masaru** [JP/JP]; c/o bit-Wallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP). **SAKAMOTO, Arimoto** [JP/JP]; c/o bitWallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP). **MIYAZAWA, Kazumasa** [JP/JP]; c/o bit-Wallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP). **ITO, Koji** [JP/JP]; c/o bitWallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP). **YAMADA, Makoto** [JP/JP]; c/o bitWallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP). **UKAI, Nobumitsu** [JP/JP]; c/o bitWallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP). **NAKAMURA, Takashi** [JP/JP]; c/o bitWallet, inc, 1-11-1 Osaki, Shinagawa-ku, Tokyo 141-0032 (JP).

(74) **NAKANO, Hitoshi** et al. / etc.; B1, Umeya Bldg., 12-8, Nishishinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN MN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 17/60

(11) WO 2004/097702 (13) A1

(21) PCT/JP2003/005624

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DATA PROVIDING DEVICE, DATA PROVIDING METHOD, AND DATA PROVIDING PROGRAM

- DISPOSITIF, PROCEDE ET PROGRAMME DE FOURNITURE DE 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) **TAKANO, Kosei** [JP/JP]; c/o FUJITSU LEARNING MEDIA, LTD., 3-7-10, Nishi-kamata 7-chome, Ota-ku, Tokyo 144-0051 (JP). **YAMANO, Daiji** [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 2004/097703 (13) A1

(21) PCT/JP2003/005635

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MANUFACTURING PROCEDURE ANALYSIS SUPPORT METHOD, PROGRAM FOR CAUSING A COMPUTER TO EXECUTE THE METHOD, PROGRAM PRODUCT, AND RECORDING MEDIUM

- PROCEDE D'AIDE A L'ANALYSE D'UNE PROCEDURE DE FABRICATION, PROGRAMME PERMETTANT D'EXECUTER CE PROCEDE SUR UN ORDINATEUR, PRODUIT LOGICIEL ET SUPPORT D'INFORMATION

(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) **MASUMOTO, Daiki** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **UEHARA, Yusuke** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ENDO, Susumu** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SHITANI, Shuichi** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(JP). **BABA, Takayuki** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **NAGATA, Shigemi** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP US.

(51)⁷ G06F 17/60

(11) WO 2004/097704 (13) A1

(21) PCT/JP2004/005467

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-126949 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATIC MANAGEMENT SYSTEM OF COMMUNAL VEHICLE

- SYSTÈME DE GESTION AUTOMATIQUE DE VÉHICULE COLLECTIF

(71, 72) **SHIOZAWA, Jun** [JP/JP]; 1-608-11, Nagasaki, Nagareyama-shi, Chiba 2700134 (JP).

(74) **KUMAKURA, Yoshio** et al. / etc.; Nakamura & Partners, Shin-Tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/097705 (13) A1

(21) PCT/NL2004/000281

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03076239.7 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SYSTEM AND METHOD FOR TASK MANAGEMENT

- SYSTÈME ET PROCEDE DE GESTION DES TACHES

(71) **NERLANDSCHE ORGANISATIE VOOR TOEGEPAST- NATUURWETENSCHAPPELIJK ONDERZOEK TNO** [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VISSER, Michaël, Maria [NL/NL]; Anna van Hensbeeksingel 217, NL-2803 LT Gouda (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 G06F 17/60

(11) WO 2004/097706 (13) A1

(21) PCT/US2004/012684

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,209 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATED QUALITY COMPLIANCE SYSTEM
• SYSTEME DE VERIFICATION DE LA QUALITE AUTOMATISEE

(71) OWENS-BROCKWAY GLASS CONTAINER INC. [US/US]; One SeaGate, Toledo, OH 43666 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WACKE, Robert, S. [US/US]; 2251 Scottwood Avenue, Toledo, OH 43620 (US).
KERR, Karen, M. [US/US]; 6341 Loc Road, Cygnet, OH 43413 (US).

(74) BRUSS, H., G. et al. / etc.; Owens-illinois, Inc., One SeaGate, 25-LDP, Toledo, OH 43666 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 19/00

(11) WO 2004/097707 (13) A2

(21) PCT/IB2004/000623

(22) 6 Mar/mar 2004 (06.03.2004)

(25) en (26) en

(30) 60/465,564 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR FULLY AUTOMATED ROBOTIC-ASSISTED IMAGE ANALYSIS FOR IN VITRO AND IN VIVO GENOTOXICITY TESTING

• SYSTEME ET PROCEDURE D'ANALYSE D'IMAGES ENTIEREMENT AUTOMATISEE ET ASSISTEE PAR ROBOT POUR DES ESSAIS DE GENOTOXICITE <I>IN VITRO</I> ET <I>IN VIVO</I>

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) FRIEAUFF, Wilfried [DE/DE]; Moendenweg 21, 79594 Inzlingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 2004/097708 (13) A2

(21) PCT/KR2004/001023

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko

(26) en

(30) 10-2003-0027956 1 May/mai 2003 KR (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANAGING WEIGHT USING CONTROL CYCLE AND PERIOD

• PROCEDE DE GESTION DU POIDS EN UTILISANT UN CYCLE ET UNE PERIODE DE REGULATION

(71) DIGITAL CAS CO., LTD. [KR/KR]; 440-1, Seongnae-dong, Gangdong-gu, Seoul 134-846 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Young-Sik [KR/KR]; No.201, 252-34, Guui 1-dong, Gwangjin-gu, Seoul 143-826 (KR).

(74) GAM, Dong-Hoon et al. / etc.; NO.201, NEW SEOUL BUILDING, 828-8, 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 : (i)

(51)⁷ G06F 19/00

(11) WO 2004/097709 (13) A1

(21) PCT/TR2003/000034

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEGMENTAL CODING METHOD AND APPARATUS

• PROCEDURE ET DISPOSITIF DE CODAGE SEGMENTAL

(71, 72) KONURALP, Cüneyt [TR/TR]; Ayse Cavus Sk. Huri, Apt. No: 7/6, Suadiye, 34740 Istanbul (TR).

(74) ANKARA PATENT BUREAU LTD.; Kavaklidere, Bestekar Sokak No. 10, 06680 Ankara (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00, 15/16, G08B 23/00, H04Q 7/20

(11) WO 2004/097710 (13) A1

(21) PCT/US2003/009022

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND SYSTEMS FOR PERFORMING SEARCH-AND-RESCUE USING A GPS TRANSCEIVER

• PROCEDES ET SYSTEMES PERMETTANT D'EFFECTUER UNE RECHERCHE ET UN SAUVETAGE AU MOYEN D'UN EMETTEUR-RECEPTEUR GPS

(71) MAXIMUS, Inc. [US/US]; 11419 Sunset Hills Road, Reston, VA 20190 (US).

(72) GILL, Harmeet, S.; 3130 Kilgore Road, Rancho Cardova, CA 95670 (US).

(74) GARRETT, Arhtur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I. Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 G06F 19/00

(11) WO 2004/097711 (13) A2

(21) PCT/US2004/011100

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/424,389 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR LOCALLY UPGRADING IMPLANTED REPROGRAMMABLE MEDICAL DEVICES

• PROCEDE DE MISE A NIVEAU LOCALE DE DISPOSITIFS IMPLANTES REPROGRAMMABLES

(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) STEGINK, Willem [NL/NL]; Molendijk 8, NL-7245 NE Lauren (NL). VISSER, Paul [NL/NL]; Enghuizen 5, NL-6983 HL Doesburg (NL). VAN GEFEN, Peter [NL/NL]; Scheerderonk 410, NL-7326 NBX Apeldoorn (NL). WEST-ENDORP, Henk [NL/NL]; Braamkamp 385, NL-7206 HT Zulphen (NL). EVERS,

Xander [NL/NL]; Tranbstraat 24, NL-6451 BA Dieren (NL). ANBERGEN, Gertwin [NL/NL]; Stakenborg 28, NL-5346 VH Oss (NL).

(74) WOLDE-MICHAEL, Girma 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 19/00

(11) WO 2004/097712 (13) A2

(21) PCT/US2004/012977

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,310 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODOLOGY AND GRAPHICAL USER INTERFACE TO VISUALIZE GENOMIC INFORMATION

• PROCEDE ET INTERFACE GRAPHIQUE D'UTILISATEUR POUR LA VISUALISATION D'INFORMATIONS GENOMIQUES

(71) APPLERA CORPORATION [US/US]; 850 Lincoln Centre, Foster City, CA 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE LA VEGA, Francisco, M. [MX/US]; 27 Eastwood Drive, San Mateo, CA 94403 (US). ISAAC, Hadar, I. [US/US]; P.O.Box 735, Los Altos, CA 94023 (US).

(74) DALEY, Donald, J. 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 G06G 7/18

(11) WO 2004/097713 (13) A2

(21) PCT/DE2004/000223

(22) 9 Feb/fév 2004 (09.02.2004)

(25) de (26) de

(30) 103 19 637.4 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANALOG CIRCUIT ARRANGEMENT FOR CREATING ELLIPTIC FUNCTIONS

• AGENCEMENT DE CIRCUIT ANALOGIQUE POUR L'OBTENTION DE FONCTIONS ELLIPTIQUES

(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) HUBER, Klaus [DE/US]; University of Illinois, Coordinated Science Laboratory, 1308 West Main Street, Urbana, IL 61801-2307 (US).

(74) DEUTSCHE TELEKOM AG; Am Kavaleriesand 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 DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 G06K

(11) WO 2004/097714 (13) A2

(21) PCT/US2004/012615

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,157 24 Apr/avr 2003 US
(24.04.2003)(30) 60/645,186 24 Apr/avr 2003 US
(24.04.2003)(30) 10/830,381 22 Apr/avr 2004 US
(22.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BARCODES INCLUDING EMBEDDED
SECURITY FEATURES AND SPACE
SAVING INTERLEAVED TEXT• CODES-BARRES PRESENTANT DES
MARQUES D'IDENTIFICATION INTE-
GRES ET DU TEXTE ENTRELAÇÉ
ECONOMISANT L'ESPACE(71) WATSON LABEL PRODUCTS CORP.
[US/US]; 10616 Trenton Avenue, St. Louis,
MO 63132 (US).(72) MARSHALL, Richard, A.; 3 Schultz Road,
Oakland, MO 63122 (US).(74) RASCHE, Patrick, W. et al. / etc.; Arm-
strong Teasdale LLP, One Metropolitan
Square, Suite 2600, St. Louis, MO 63102
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G06K 7/10

(11) WO 2004/097715 (13) A1

(21) PCT/DK2004/000293

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) PA 2003 00651 1 May/mai 2003 DK
(01.05.2003)(30) 60/471,672 19 May/mai 2003 US
(19.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN OPTICAL SYSTEM

• SYSTEME OPTIQUE

(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) HANSEN, René, Skov [DK/DK]; Vestre
Kirkevej 2c, 1th, DK-4000 Roskilde (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 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).

Published / Publiée : (c)

(51)⁷ G06K 7/10, G07D 7/12

(11) WO 2004/097716 (13) A1

(21) PCT/EP2004/003600

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03009605.1 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR THE
AUTHENTICATION OF DOCUMENTS
AND GOODS• PROCEDE ET DISPOSITIF
D'AUTHENTIFICATION DE DOCU-
MENTS ET DE MARCHANDISES(71) SICPA HOLDING S.A. [CH/CH]; 41, av-
enue de Florissant, CH-1008 Prilly (CH).
(only for / seulement pour US)(72, 75) VASIC, Milan [YU/CH]; 8, rue de
l'Ancien-Port, CH-1201 Geneva (CH).
MÜLLER, Edgar [CH/CH]; 7, rue P.-A.
de Faucigny, CH-1700 Fribourg (CH).(74) HEPP, Dieter et al. / etc.; Hepp Wenger Ryf-
fel AG, Friedtalweg 5, CH-9500 Wil (CH).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 7/10, 7/12, 19/00

(11) WO 2004/097717 (13) A1

(21) PCT/JP2004/005862

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-127340 2 May/mai 2003 JP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • 2-DIMENSIONAL CODE READ
METHOD, DISPLAY METHOD, AND
EXECUTION PROGRAM• METHODE DE LECTURE DE CODE
BIDIMENSIONNEL, METHODE
D'AFFICHAGE ET PROGRAMME
D'EXECUTION ASSOCIE(71, 72) KIUCHI, Yutaka [JP/JP]; Kureru-Yuhi-
gaoka, 48-2-401, Yuhigaoka, Hiratsuka-shi,
Kanagawa 254-0806 (JP).(72, 75) INOMATA, Kohshiro [JP/JP]; Haivila-
Tokai304, 2285-1, Minamiyana, Hadano-shi,
Kanagawa 257-0003 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G06K 9/00

(11) WO 2004/097718 (13) A1

(21) PCT/CN2004/000385

(22) 22 Apr/avr 2004 (22.04.2004)

(25) zh (26) zh

(30) 03111588.8 29 Apr/avr 2003 CN
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD AND DEVICE FOR PRO-
CESSING SERIAL NUMBER OF BAN-
KNOTE• PROCEDE ET DISPOSITIF POUR
TRAITER UN NUMERO DE SERIE
D'UN BILLET DE BANQUE(71, 72) ZHAO, Rui [CN/CN]; 247 Huigong
Street, Shenhe District, Shenyang, Liaoning
110013 (CN).(74) SHENYANG PATENT & TRADEMARK
AGENCY ACADEMIA SINICA; 24 San-
hao Street, Heping District, Shenyang, Liaon-
ing 110004 (CN).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ G06K 9/00

(11) WO 2004/097719 (13) A1

(21) PCT/EP2004/004558

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de
(30) 103 19 281.6 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • DEVICE AND METHOD FOR IDENTIFYING THE LIVING STATE OF A BODY PART IN THE FRAMEWORK OF A BIOMETRIC IDENTIFICATION METHOD
- DISPOSITIF ET PROCÉDE DE RECONNAISSANCE D'ÉTAT VIVANT D'UNE PARTIE DU CORPS DANS LE CADRE D'UN PROCÉDE D'IDENTIFICATION BIOMETRIQUE

(71) UNITED BUSINESS GMBH & CO. CONSULTING KG [DE/DE]; Am Ring 34, 36381 Schlüchtern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEICHMÜLLER, Ralf [DE/DE]; Am Ring 34, 36381 Schlüchtern (DE). GATZ-MANGA, Heinz [DE/DE]; Friedrichstrasse 38 d, 06366 Köthen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/00, A61B 5/055, G06T 5/00, A61B 5/00, 8/02

(11) WO 2004/097720 (13) A1

(21) PCT/IB2004/050503

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03101141.4 25 Apr/avr 2003 EP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • NON-INVASIVE LEFT VENTRICULAR VOLUME DETERMINATION
- DETERMINATION NON INVASIVE DU VOLUME VENTRICULAIRE GAUCHE

(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) NOBLE, Nicholas, M., I. [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BREEUWER, Marcel [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOUTEN, Marcus, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/20

(11) WO 2004/097721 (13) A1

(21) PCT/JP2004/005582

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-122089 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, IMAGE PROCESSING PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM CONTAINING THE PROGRAM

- DISPOSITIF DE TRAITEMENT D'IMAGE, PROCÉDE DE TRAITEMENT D'IMAGE, PROGRAMME DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR CONTENANT LE PROGRAMME

(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) HIROSE, Hitoshi [JP/JP]; 1-5-209, Kusaka-cho 3-chome, Higashiosaka-shi, Osaka 5798003 (JP). SUZUKI, Satoshi [JP/JP]; 3-17, Sakyo 1-chome, Nara-shi, Nara 6310801 (JP). TAKEHARA, Kazuhiro [JP/JP]; 1-6-11-101, Saikujo-cho, Nara-shi, Nara 6308453 (JP). HAKARIDANI, Mitsuhiko [JP/JP]; 13-10, Shinasahigaoka, Ikoma-shi, Nara 6300253 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/62, G06F 3/03, 3/033

(11) WO 2004/097722 (13) A1

(21) PCT/JP2003/005644

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • HAND-WRITTEN CHARACTER INPUT DEVICE AND HAND-WRITTEN CHARACTER INPUT PROCESSING METHOD
- DISPOSITIF DE SAISIE DE CARACTERES MANUSCRITS ET PROCÉDE DE TRAITEMENT D'UNE SAISIE DE CARACTERES MANUSCRITS

(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) AKIYAMA, Katsuhiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) JP US.

(51)⁷ G06K 11/08, 19/06

(11) WO 2004/097723 (13) A1

(21) PCT/SE2004/000660

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0301248-1 29 Apr/avr 2003 SE
(29.04.2003)

(30) 60/466,036 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHODS, APPARATUS, COMPUTER PROGRAM AND STORAGE MEDIUM FOR POSITION DECODING
- PROCÉDES, APPAREIL, PROGRAMME D'ORDINATEUR ET SUPPORT D'ENREGISTREMENT DESTINÉ AU DECODAGE DE POSITION

(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) BJÖRKLUND, Andreas [SE/SE]; Bankgatan 9 a, S-223 52 Lund (SE). EDSÖ, Tomas [SE/SE]; Sofiaparken 6 b, S-222 41 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

(51)⁷ G06K 13/08, 13/067

(11) WO 2004/097724 (13) A1

(21) PCT/IB2004/050521

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03101184.4 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INSERTION PROTECTION SYSTEM
• SYSTEME DE PROTECTION CONTRE L'INSERTION

(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) POSTMA, Andre [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
DECKERS, Robertus, T., C. [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).

(51)⁷ G06K 17/00, H04B 5/02

(11) WO 2004/097725 (13) A1

(21) PCT/JP2004/004135

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-124788 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMMUNICATION DEVICE AND WIRELESS TAG READER/WRITER

• DISPOSITIF DE COMMUNICATIONS ET LECTEUR/ SCRIPTEUR D'ETIQUETTE SANS FIL

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAI, Takuya [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).

(74) IKEDA, Haruyuki; Ikeda Patent Office Nagoya-Dia. Bldg. No.2, 15-1 Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/097726 (13) A1

(21) PCT/JP2004/004120

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-126683 1 May/mai 2003 JP (01.05.2003)

(30) 2003-126684 1 May/mai 2003 JP (01.05.2003)

(30) 2003-126682 1 May/mai 2003 JP (01.05.2003)

(30) 2003-126681 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO IDENTIFICATION LABEL, CREATION METHOD AND CREATION DEVICE THEREOF, RADIO IDENTIFICATION LABEL SHEET MATERIAL, AND CARTRIDGE MOUNTED ON CREATION DEVICE FOR CREATING RADIO IDENTIFICATION LABEL

• ETIQUETTE D'IDENTIFICATION RADIO, PROCEDE ET DISPOSITIF DE CREATION DE CELLE-CI, MATERIAU EN FEUILLE POUR ETIQUETTE D'IDENTIFICATION RADIO ET CARTOUCHE ASSEMBLEE SUR LE DISPOSITIF DE CREATION DESTINE A LA CREATION D'ETIQUETTES D'IDENTIFICATION RADIO

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHASHI, Tsuyoshi [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). TAKI, Kazunari [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP). YASUI, Kunihiro [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP). NAGAI, Takuya [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP). TAKAHASHI, Toshio [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP). NAKAMURA, Yasunori [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi Aichi, 4678561 (JP).

(74) IKEDA, Haruyuki; Ikeda Patent Office Nagoya-Dia. Bldg. No.2, 15-1, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/00, G11C 17/00, G06F 12/00

(11) WO 2004/097727 (13) A1

(21) PCT/JP2004/005404

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-121388 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEMORY CARD

• CARTE A MEMOIRE

(71) RENESAS TECHNOLOGY CORP. [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1006334 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAMORI, Motoki [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1006334 (JP). KATAYAMA, Kunihiro [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1006334 (JP). NAKAMURA, Yasuhiro [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1006334 (JP). YOSHIDA, Satoshi [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1006334 (JP). ASARI, Shinsuke [JP/JP]; c/o Renesas Technology Corp., 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1006334 (JP).

(74) TSUTSUI, Yamato; Tsutsui & Associates, 3F, Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 19/00, 17/00, G09F 3/02, G05B 19/418, B65G 61/00, B42D 11/00, 15/10

(11) WO 2004/097728 (13) A1

(21) PCT/JP2004/005876

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120871 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TAG, AND METHOD AND SYSTEM USING THE SAME

• ETIQUETTE, ET PROCEDE ET SYSTEME D'UTILISATION DE CETTE ETIQUETTE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaiki-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Yoshihiro [JP/JP]; 2876-11, Kamatoricho, Midori-ku, Chiba-shi, Chiba 266-0011 (JP). NOGUCHI, Shigetaka [JP/JP]; 380, Hasamado, Amimachi, Inashiki-gun, Ibaraki 300-0302 (JP). SATOH, Ken [JP/JP]; Kanazawabunko Dai2kodan, Apart 426, 25-2, Deiki 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0021 (JP).

(74) HIRAKI, Yusuke; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 7/10, G09F 3/00

(11) WO 2004/097729 (13) A1

(21) PCT/JP2004/006274

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-127040 2 May/mai 2003 JP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATIC LABEL INFORMATION READER

• LECTEUR D'INFORMATION D'ETIQUETTES AUTOMATIQUE

(71) 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) MATSUNAGA, Kengo [JP/JP]; 1-7-30, Nakaminato, Yaizu-shi, Shizuoka 4250021 (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 G06K 19/06, 7/14

(11) WO 2004/097730 (13) A1

(21) PCT/EP2004/004539

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03462003.9 30 Apr/avr 2003 EP (30.04.2003)

(30) 04462004.5 30 Jan/jan 2004 EP (30.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR DETERMINING THE AUTHENTICITY OF AN OBJECT

• PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER L'AUTHENTICITE D'UN OBJET

(71) HEWLETT-PACKARD MAGYARORSZAG SZAMI-TASTECHNIKAI ES ELEKTRONIKAI BERENDEZESKET FORGALMAZO ES SZOLGALTATO KORLATOLT FELELOSSEGU TARAOSAG [HU/HU]; 1 Neumann Janos u., Budapest, H-1117 (HU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARASZTI, Attila [HU/HU]; Bonyh, di 106, Budapest, N/A H-1141 Hungary (HU).

(74) DAVID, John, Marsh; 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).

Published / Publiée : (c)

(51)⁷ G06K 19/07

(11) WO 2004/097731 (13) A2

(21) PCT/US2004/012328

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309498.4 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENDED RANGE RFID SYSTEM

• SYSTEME RFID A PORTEE ETENDUE

(71) AVERY DENNISON CORPORATION [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FORSTER, Ian, J. [GB/GB]; 31 Great Cob, Chelmsford Essex IG27BB (GB).

(74) PLATT, Jonathan, A.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth 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).

(51)⁷ G06M 1/10, 9/00

(11) WO 2004/097732 (13) A1

(21) PCT/EP2004/004049

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03009915.4 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COUNTING PROCESS AND DEVICE FOR PLANAR SUBSTRATES

• PROCEDE ET DISPOSITIF DE COMPTAGE POUR SUBSTRATS PLANS

(71) **KBA-GIORI S.A.** [CH/CH]; 4, rue de la Paix, CH-1003 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAUW, Dirk, F.** [BE/CH]; La Tuillière, Le Domaine des Vignes, CH-1184 Vinzel (CH). **SOLTERMANN, Christian** [CH/CH]; Roggenweg 10, CH-5436 Würenlos (CH).

(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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06N 3/08

(11) **WO 2004/097733** (13) A2

(21) PCT/GB2004/001847

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 60/466,614 **30 Apr/avr 2003** US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NEURAL NETWORKS

• RESEAUX NEURONAUX

(71) **DARWINIAN NEURAL NETWORK INDUSTRIES LTD** [GB/GB]; Darwin House, 44-45 Market Place, Chippenham, Wiltshire SN15 3HU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERRETT, Jay** [GB/GB]; 14 Hazel Grove, Calne, Wiltshire SN11 0QH (GB). **KING, Daniel** [GB/GB]; Flat 6, Discovery Court, Cathrine Road, Newbury, Berkshire RG14 7NS (GB).

(74) **PALMER, Jonathan, Richard** 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06N 7/00

(11) **WO 2004/097734** (13) A2

(21) PCT/EP2004/003561

(22) **3 Apr/avr 2004 (03.04.2004)**

(25) de (26) de

(30) 103 19 435.5 **25 Apr/avr 2003** DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DATA PROCESSING METHOD

• PROCEDE POUR TRAITER DES DONNEES

(71) **PEETERS, Bernd** [DE/DE]; Wilmersdorferstrasse 1, 21502 Geesthacht (DE). **RESAS, Uwe** [DE/DE]; Wilhelm-Hillmer-Strasse 1, 21339 Lüneburg (DE). **WEBER, Stefan** [DE/DE]; Bernhard-Riemann-Strasse 11, 21335 Lüneburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HARDER, Wulf** [DE/DE]; Worther Weg 106, 21502 Geesthacht (DE).

(74) **SIEMONS, Norbert**; Neuer Wall 41, 20354 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097735** (13) A2

(21) PCT/US2004/012527

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 10/423,208 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECEPTACLE WITH COMPARTMENTED PERIPHERAL WALL FOR DISPLAY OF PERSONALIZED GRAPHICS/TEXT

• RECIPIENT A PAROI PERIPHERIQUE REPARTIE EN COMPARTIMENTS AUX FINS D'AFFICHAGE D'ELEMENTS GRAPHIQUES/TEXTE PERSONNALISES

(71, 72) **ZILBERMAN, Guy** [US/US]; 185 E. Palisade Ave., #D2B, Englewood, NJ 07631 (US).

(74) **GALBREATH, John**; 2516 Chestnut Woods Ct., Reisterstown, MD 21136 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097736** (13) A1

(21) PCT/FI2004/050047

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/426,303 **30 Apr/avr 2003** US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COLOR FILTER ARRAY INTERPOLATION

• INTERPOLATION D'AGENCEMENT DE FILTRE COULEUR

(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) **KALEVO, Ossi** [FI/FI]; Ketunhätä 1, FI-37800 Toijala (FI). **RANTANEN, Henry** [FI/FI]; Näreikökatu 7, FI-33820 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06T 5/00

(11) **WO 2004/097737** (13) A1

(21) PCT/IB2004/050525

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 03101178.6 **29 Apr/avr 2003** EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SEGMENTATION REFINEMENT
• SEGMENTATION AMELIOREE

(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) SETHURAMAN, Ramanathan [IN/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAREKAMP, Christiaan [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ERNST, Fabian, E. [DE/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 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 5/20, H04N 1/409

(11) WO 2004/097738 (13) A1

(21) PCT/JP2004/005559

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-121086 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIGNAL PROCESSING DEVICE AND METHOD, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF ET METHODE DE TRAITEMENT DE SIGNAL, SUPPORT D'ENREGISTREMENT, ET PROGRAMME ASSOCIE

(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) OKADA, Shintaro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001

(JP). UEDA, Kazuhiko [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ASANO, Mitsuyasu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KUBOZONO, Takeshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 7/00, 17/40

(11) WO 2004/097739 (13) A1

(21) PCT/EP2004/004536

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03008877.7 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • 3-DIMENSIONAL VISUALIZATION AND QUANTIFICATION OF HISTOLOGICAL SECTIONS

• VISUALISATION ET QUANTIFICATION 3D DE SECTIONS HISTOLOGIQUES

(71) DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS [DE/DE]; In Neuenheimer Feld 280, 69120 Heidelberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE-HUU, Martin [DE/DE]; Botheplatz 76, 69126 Heidelberg (DE). KIESSLING, Fabian [DE/DE]; Pfarrgasse 12, 69121 Heidelberg (DE). KUNERT, Tobias [DE/DE]; Rotenwaldstr. 80, 70197 Stuttgart (DE). THORN, Matthias [DE/DE]; Blütenweg 2a, 69123 Heidelberg (DE). VOSSELER, Silvia [DE/DE]; Panoramastr. 133, 69126 Heidelberg (DE). VAN KAICK, Gerhard [DE/DE]; Blumenthalstr. 24, 69120 Heidelberg (DE). MEINZER, Hans-Peter [DE/DE]; Steingasse 4, 69117 Heidelberg (DE). FUSENIG, Norbert [DE/DE]; Am Pferchelhang 32, 69118 Heidelberg (DE).

(74) HUH, Michael; Isenbruck-Bösl-Hörschler-Wichmann-Huhn, Theodor-Hausse-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)⁶ G06T 7/00

(11) WO 2004/097740 (13) A1

(21) PCT/JP1996/002377

(22) 26 Aug/août 1996 (26.08.1996)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF UPDATING DICTIONARY IMAGES IN FINGERPRINT RECOGNITION APPARATUS

• PROCÉDÉ DE MISE À JOUR D'IMAGES DE RÉPERTOIRE DANS UN DISPOSITIF DE RECONNAISSANCES D'EMPREINTES DIGITALES

(71, 72) YAMAGUCHI, Masahiko [JP/JP]; c/o Fujitsu Denso Ltd., 17-3, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP). OKAZUMI, Mitsunobu [JP/JP]; c/o Fujitsu Denso Ltd., 17-3, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP). SOUNO, Hiroyuki [JP/JP]; c/o Fujitsu Denso Ltd., 17-3, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP). NARASAKI, Koichi [JP/JP]; c/o Fujitsu Denso Ltd., 17-3, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP). SOGA, Takayuki [JP/JP]; c/o Fujitsu Denso Ltd., 17-3, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP).

(74) FURUYA, Fumio; Dai2meiho Bldg., 9th floor, 19-5, Nishisinjyuku 1-chome, Shinjyuku-ku, Tokyo 160 (JP).

(81) US.

Published / Publiée : (e) 19Sep/sep 2000 (19.09.2000), 6122395

(51)⁷ G06T 7/00

(11) WO 2004/097741 (13) A1

(21) PCT/JP2003/005374

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FINGERPRINT MATCHING DEVICE, FINGERPRINT MATCHING METHOD, AND FINGERPRINT MATCHING PROGRAM

• COMPAREUR D'EMPREINTES DIGITALES, ET PROCÉDÉ ET PROGRAMME ASSOCIES

(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) **SEMBA, Satoshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **FUJII, Yusaku** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ABIKO, Yukihiko** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SHINZAKI, Takashi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06T 7/00

(11) WO 2004/097742 (13) A1

(21) PCT/JP2004/005784

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-124225 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE RECOGNITION DEVICE AND METHOD, AND ROBOT DEVICE

• DISPOSITIF ET PROCEDE DE RECONNAISSANCE D'IMAGE, ET DISPOSITIF DE ROBOT

(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) **SUZUKI, Hirotaka** [JP/JP]; c/o SONY CORPORATION, 7-35 Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). **SABE, Kohtaro** [JP/JP]; c/o SONY CORPORATION, 7-35 Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). **FUJITA, Masahiro** [JP/JP]; c/o SONY CORPORATION, 7-35 Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

(74) **KOIKE, Akira** et al. / etc.; 11th Floor Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku Tokyo 1000011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 7/00

(11) WO 2004/097743 (13) A1

(21) PCT/JP2004/006224

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-123204 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARTIFICIAL EYE DISTINGUISHING METHOD AND DEVICE, ARTIFICIAL EYE DISTINGUISHING PROGRAM, IRIS RECOGNITION METHOD, FALSE PRINTED MATTER DISTINGUISHING METHOD, AND IMAGE DISTINGUISHING METHOD

• DISPOSITIF ET PROCEDE DE DISTINCTION D'OIL ARTIFICIEL, PROGRAMME ASSOCIE, PROCEDE DE RECONNAISSANCE D'IRIS, PROCEDE DE DISTINCTION DE FAUX IMPRIMES, ET PROCEDE DE DISTINCTION D'IMAGES

(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) **AZUMA, Takeo**; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 **KONDO, Kenji**; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 **IWASAKI, Masahiro**; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 **IWAKAMORI, Masahiro**; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501

(74) **MAEDA, Hiroshi** et al. / etc.; Osaka-Marubeni Bldg., 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0053 (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 G06T 7/20

(11) WO 2004/097744 (13) A1

(21) PCT/EP2003/050136

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE PROCESSING METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE TRAITEMENT D'IMAGE

(71) **UNIVERSITE DE NEUCHÂTEL** [CH/CH]; Institut de Microtechnique, Rue A.-L. Breguet 2, CH-2000 Neuchâtel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRACAMONTE, Javier** [HN/CH]; Clos de Serrières 31, CH-2000 Neuchâtel (CH). **ANSORGE, Michael** [CH/CH]; R. Marnière 63, CH-2068 Hauterive (CH). **PELLANDINI, Fausto** [CH/CH]; En Rueta 13, CH-2036 Cormondrèche (CH). **FARINE, Pierre-André** [CH/CH]; Port-Roulant 12, CH-2000 Neuchâtel (CH).

(74) **SAAM, Christophe**; Patent & Technology Surveys, Terreaux 7, P.O. Box 2848, CH-2001 Neuchâtel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 11/40

(11) WO 2004/097745 (13) A1

(21) PCT/IB2004/001209

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0350126 24 Apr/avr 2003 FR (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR FILLING IN A PARALLELOGRAM

• PROCEDE ET SYSTEME DE TRAÇAGE ET DE REMPLISSAGE D'UN PARALLELOGRAMME

(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) **ZHAO, Qin** [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). **PASQUIER, Laurent** [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). **DURANTON, Marc** [FR/NL]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) **CHAFFRAIX, Jean**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 G06T 17/40

(11) WO 2004/097746 (13) A1

(21) PCT/JP2004/005922

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/425,122 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • JOINT COMPONENT FRAMEWORK FOR MODELING COMPLEX JOINT BEHAVIOR

• STRUCTURE D'ELEMENT D'ARTICULATION PERMETTANT DE MODELISER LE COMPORTEMENT COMPLEXE D'UNE ARTICULATION

(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) NG-THOW-HING, Victor [CA/US]; 800 California Street Mountain View, CA 94041 (US). SHAO, Wei [CN/US]; 32-54, 47th Street, 2nd Floor, Astoria, NY 11103 (US).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07B 15/00

(11) WO 2004/097747 (13) A2

(21) PCT/GB2004/001818

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310239.9 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONGESTION CHARGE PAYMENT DEVICE

• DISPOSITIF DE PAIEMENT D'UNE TAXE D'ENCOMBREMENT

(71, 72) KING, John, Graham [GB/GB]; 5 Coleridge Court, 16 Regency Street, London SW1P 4DB (GB).

(74) CRAWFORD, Andrew, B. 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 G07C 9/00

(11) WO 2004/097748 (13) A1

(21) PCT/DE2004/000773

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 727.8 25 Apr/avr 2003 DE (25.04.2003)

(30) 10 2004 011 926.0 11 Mar/mar 2004 DE (11.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OPERATING A TRANSMITTING DEVICE AND WORKING TRANSMITTING DEVICE

• PROCEDE POUR ACTIONNER UN DISPOSITIF EMETTEUR ET DISPOSITIF EMETTEUR FONCTIONNANT SELON LEDIT PROCEDE

(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) JOOS, Uli [DE/DE]; Conrad-Forster-Strasse 66, 88149 Nonnenhorn (DE). HAAS, Heinrich [DE/DE]; Staufenstrasse 8, 88074 Meckenbeuren (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097749 (13) A1

(21) PCT/DE2004/000774

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 727.8 25 Apr/avr 2003 DE (25.04.2003)

(30) 10 2004 011 927.9 11 Mar/mar 2004 DE (11.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSMITTING DEVICE OF AN ACCESS SYSTEM PROVIDED WITH A PLURALITY OF LONGWAVE ANTENNAS

• DISPOSITIF EMETTEUR D'UN SYSTEME D'ACCES COMPORTANT UN NOMBRE D'ANTENNES POUR ONDES LONGUES

(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) JOOS, Uli [DE/DE]; Conrad-Forster-Strasse 66, 88149 Nonnenhorn (DE). HAAS, Heinrich [DE/DE]; Staufenstrasse 8, 88074 Meckenbeuren (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G06F 21/00

(11) WO 2004/097750 (13) A1

(21) PCT/FR2004/000922

(22) 14 Apr/avr 2004 (14.04.2004)

(25) fr (26) fr

(30) 03/05153 28 Apr/avr 2003 FR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SECURE ACCESS CONTROL METHOD

• PROCEDE DE CONTROLE D'ACCES SECURISE

(71) SAGEM S.A. [FR/FR]; 27, rue Leblanc, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAMBERT, Laurent [FR/FR]; Facotel Axe Majeur, 1, impasse des Terrasses, F-95800 Cergy (FR). FONDEUR,

- Jean-Christophe [FR/FR]; 81, rue Chaptal, F-92300 Levallois-Perret (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G07D 7/00
- (11) WO 2004/097751 (13) A2
- (21) PCT/DE2004/000820
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) de (26) de
- (30) 103 18 715.4 25 Apr/avr 2003 DE (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SECURITY FEATURE AND DOCUMENT COMPRISING SAID SECURITY FEATURE AND METHOD FOR PRODUCING AND APPLYING SAID SECURITY FEATURE TO A DOCUMENT AND METHOD FOR CHECKING AUTHENTICITY OF THE DOCUMENT
- CARACTERISTIQUE DE SECURITE ET DOCUMENT CORRESPONDANT, PROCEDE POUR PRODUIRE CETTE CARACTERISTIQUE DE SECURITE ET PROCEDE DE CONTROLE D'AUTHENTICITE
- (71) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10958 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HECKER, Hermann [DE/DE]; Handjerystrasse 84, 12159 Berlin (DE).
- (74) SCHWARZ-HAAR, Gabriele et al. / etc.; Haar & Schwarz-Haar, Lessingstrasse 3, 61231 Bad Nauheim (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 G07D 7/12
- (11) WO 2004/097752 (13) A1
- (21) PCT/JP2004/005932
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-121837 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SHEET IDENTIFYING DEVICE AND METHOD
- DISPOSITIF ET PROCEDE D'IDENTIFICATION DE FEUILLE
- (71) KABUSHIKI KAISHA NIPPON CONLUX [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAMATSU, Seiji [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). TSURUMAKI, Satoru [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
- (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G07D 7/20
- (11) WO 2004/097753 (13) A1
- (21) PCT/JP2004/005943
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-121836 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SHEET IDENTIFYING DEVICE AND METHOD
- DISPOSITIF ET PROCEDE D'IDENTIFICATION DE FEUILLE
- (71) KABUSHIKI KAISHA NIPPON CONLUX [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSURUMAKI, Satoru [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku,

- Tokyo, 1000011 (JP). TAKAMATSU, Seiji [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). KIMURA, Yasuyuki [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
- (74) KIMURA, Takahisa; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo, 104-0043 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G07F 5/24, G07D 1/00, 9/06
- (11) WO 2004/097754 (13) A1
- (21) PCT/ES2004/000191
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) es (26) es
- (30) P200301000 30 Apr/avr 2003 ES (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • LIFO STORAGE DEVICE WHICH IS USED TO RECEIVE AND DISPENSE COINS OR TOKENS
- MAGASIN DEPOSE CONÇU POUR RECEVOIR ET DISTRIBUER DES PIÈCES DE MONNAIE OU DES FICHES
- (71) ENCOPIM SL [ES/ES]; Pol. Ind. Els Pinetons, Carrer del Parc n. 5, nave 13, E-08291 RIPOLLET (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANCHÍS FRANCH, Perfecte [ES/ES]; ENCOPIM, SA, Pol. Ind. Els Pinetons, Carrer del Parc n. 5, nave 13, E-08291 RIPOLLET (ES). CLAPERS DAVE, Josep [ES/ES]; ENCOPIM, SL, Pol. Ind. Els Pinetons, Carrer del Parc n. 5, nave 13, E-08291 RIPOLLET (ES). VALLS SAMPONS, Marc [ES/ES]; ENCOPIM, SL, Pol. Ind. Els Pinetons, Carrer del Parc n. 5, nave 13, E-08291 RIPOLLET (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 G07F 7/10, G06K 7/00

(11) WO 2004/097755 (13) A1

(21) PCT/NL2004/000297

(22) 3 May/mai 2004 (03.05.2004)

(25) nl (26) en

(30) 1023322 1 May/mai 2003 NL
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM FOR EXECUTING MONETARY TRANSACTIONS AND PAYMENT CARD TO BE USED THEREBY
• SYSTEME POUR EXECUTER DES TRANSACTIONS MONETAIRES ET CARTE DE PAIEMENT A CET EFFET

(71, 72) ROOS, Jan, Anton [NL/NL]; Ripperda-park 23, NL-2011 KD Haarlem (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).

Published / Publiée : (c)

(51)⁷ G07F 17/32

(11) WO 2004/097756 (13) A1

(21) PCT/EP2004/004284

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 19 502.5 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COIN-OPERATED GAMING DEVICE
• DISPOSITIF DE JEU DE HASARD

(71, 72) PILZ, Ulrich [DE/DE]; Unkeler Pfad 13, 13465 Berlin (DE).

(74) HEINZE, Ekkehard et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 17/32

(11) WO 2004/097757 (13) A1

(21) PCT/US2004/010826

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/423,178 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GAMING MACHINE WITH SCANNING CAPABILITY
• MACHINE DE JEU A CAPACITE DE BALAYAGE

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARROTT, Gregory [US/US]; 4955 Foxcreed Trail, Reno, NV 89509 (US).
CRIVELLI, Franco [US/US]; 3245 Eaglewood Drive, Reno, NV 89502 (US).

(74) HIRSCH, Martin, J.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 19/00

(11) WO 2004/097758 (13) A2

(21) PCT/US2004/012454

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,012 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TECHNIQUES FOR PROTECTING FINANCIAL TRANSACTIONS
• TECHNIQUES PERMETTANT DE PROTEGER LES TRANSACTIONS FINANCIERES

(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) MOORE, Barbara, A.; 8155 Snead Loop, Gainesville, VA 20155 (US).

(74) LINEBERRY, Allen, Scott; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 G07F 19/00, G06F 17/60

(11) WO 2004/097759 (13) A1

(21) PCT/US2004/012928

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,410 25 Apr/avr 2003 US
(25.04.2003)

(30) 60/534,555 5 Jan/jan 2004 US
(05.01.2004)

(30) 10/776,403 10 Feb/fév 2004 US
(10.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND SYSTEM FOR NETWORK-BASED PURCHASE AND DISTRIBUTION OF MEDIA
• PROCEDE ET SYSTEME D'ACHAT ET DE DISTRIBUTION EN RESEAU DE SUPPORTS

(71) APPLE COMPUTER, INC. [US/US]; 1 Infinite Loop, M/S 3 PAT, Cupertino, CA 95014 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAUTIER, Patrice [US/US]; 657 Shrader Street, San Francisco, CA 94121 (US). MULLER, Max [US/US]; 433 Camille Circle #13, San Jose, CA 95134 (US). BURKHOLDER, Thomas [CA/CA]; 1178 Riverside Drive, North Vancouver, British Columbia V7H-1V5 (CA). ROBBIN, Jeffrey, L. [US/US]; 705 Benvenue Avenue, Los Altos, CA 94024 (US). HELLER, Dave [US/US]; 2016 Jonathan Avenue, San Jose, CA 95125 (US). DOWDY, Thomas [US/US]; 1610 Kamsack Drive, Sunnyvale, 94087 (US). WIESE, Mike [US/US]; 11681 Timber Spring Court, Cupertino, CA 95014 (US).

(74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 SN TD TG).

Published / Publiée : (c)

(51)⁷ G08B 15/02

(11) WO 2004/097760 (13) A1

(21) PCT/JP2003/005585

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SMOKE SCREEN GENERATOR
• GENERATEUR D'ECRANS DE FUMEE

(71) NIPPON KOKI CO., LTD. [JP/JP]; 36-1, Nishishinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP). SECOM CO., LTD. [JP/JP]; 5-1, Jingumae 1-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAZUMI, Takashi [JP/JP]; c/o NIPPON KOKI CO., LTD., 2-1, Aza Dobu, Oh-aza Nagasaka, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8686 (JP). KANAZAWA, Yoshiichi [JP/JP]; c/o NIPPON KOKI CO., LTD., 2-1, Aza Dobu, Oh-aza Nagasaka, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8686 (JP). SUZUKI, Yoshihiro [JP/JP]; c/o NIPPON KOKI CO., LTD., 2-1, Aza Dobu, Oh-aza Nagasaka, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8686 (JP). KAWANO, Makoto [JP/JP]; c/o NIPPON KOKI CO., LTD., 2-1, Aza Dobu, Oh-aza Nagasaka, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8686 (JP).

(74) FURUYA, Fumio; Dai2 Meihou Bldg., 9th Floor, 19-5, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 21/00

(11) WO 2004/097761 (13) A1

(21) PCT/US2003/025870

(22) 19 Aug/août 2003 (19.08.2003)

(25) en (26) en

(30) 10/410,836 10 Apr/avr 2003 US (10.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIQUID LEVEL SENSOR APPARATUS AND METHOD OF USING THEREOF
• APPAREIL CAPTEUR DE NIVEAU DE LIQUIDE ET PROCÉDE D'UTILISATION CORRESPONDANT

(63) US 10/410,836 (CON) 10 Apr/avr 2003 (10.04.2003)

(71) STANDEX INTERNATIONAL CORPORATION [US/US]; 6 Manor Parkway, Salem, NH 03079-2481 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAMBERLIN, Edward, R. [US/US]; Standex Electronics, 4538 Camberwell Drive, Cincinnati, OH 45209 (US). LINSLEY, Paul [US/US]; Standex Electronics, 4538 Camberwell Drive, Cincinnati, OH 45209 (US).

(74) RITCHIE, William, B.; Law Office of William B. Ritchie, 43 Jackson Street, Concord, NH 03301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

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 G08B 29/14

(11) WO 2004/097762 (13) A1

(21) PCT/CA2004/000624

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 2,427,320 30 Apr/avr 2003 CA (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SMOKE DETECTOR WITH PERFORMANCE REPORTING

• DETECTEUR DE FUMEE AVEC TRANSMISSION D'INFORMATIONS SUR LES PERFORMANCES

(71) DIGITAL SECURITY CONTROLS LTD. [CA/CA]; 3301 Langstaff Road, Concord, Ontario L4K 4L2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LENNARTZ, Gary [CA/CA]; R.R. #1, Hillsburgh, Ontario N0B 1Z0 (CA). SINGLETON, Scott [CA/CA]; R.R. #3, Woodville, Ontario K0M 2T0 (CA).

(74) HALL, S., Warren et al. / etc.; Dennison Associates, 133 Richmond Street West, Suite 301, Toronto, Ontario M5H 2L7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 17/04

(11) WO 2004/097763 (13) A1

(21) PCT/CA2004/000639

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,102 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COUPLING SIGNALS VIA A COUPLING ARRANGEMENT

• COUPLAGE DE SIGNAUX VIA UN SYSTEME DE COUPLAGE

(71) POTENTIAL SEMICONDUCTOR, INC. [US/US]; 1209 Orange Street, Wilmington, Delaware 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWN, David, Alan [CA/CA]; 110 Alissia Cr., RR3, Carp, Ontario K0A 1L0 (CA). BOROS, Mircea, Cristian [CA/CA];

23 Redfox Place, Ottawa, Ontario K2M 1C8 (CA).

(74) **SMART & BIGGAR**; P.O. Box 2999, Station D, 900- 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 17/04

(11) WO 2004/097764 (13) A1

(21) PCT/CA2004/000641

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,104 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSFORMER COUPLING ARRANGEMENT AND METHOD USING A PLURALITY OF DRIVERS

• SYSTEME DE COUPLAGE DE TRANSFORMATEUR ET PROCEDE D'UTILISATION DE PLUSIEURS CIRCUITS D'ATTAQUE

(71) **POTENTIA SEMICONDUCTOR, INC.** [US/US]; 1209 Orange Street, Wilmington, Delaware 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, David Alan** [CA/CA]; 110 Alissia Crescent, RR#3, Carp, Ontario K0A 1L0 (CA).

(74) **SMART & BIGGAR**; 900 - 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, On K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 17/04

(11) WO 2004/097765 (13) A2

(21) PCT/CA2004/000643

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,103 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIGNAL AND POWER TRANSFORMER COUPLING ARRANGEMENTS

• STRUCTURE DES CONNEXIONS DE SIGNAUX ET D'UN TRANSFORMATEUR DE PUISSANCE

(71) **POTENTIA SEMICONDUCTOR, INC.** [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ORR, Raymond, Kenneth** [CA/CA]; 21 Reaney Court, Kanata, Ontario K2K 1W7 (CA). **LIU, Yan-Fei** [CA/CA]; 41 Flower Tree Crescent, Kanata, Ontario K2M 2R8 (CA). **BROWN, David, Alan** [CA/CA]; 110 Alissia Crescent, RR3, Carp, Ontario K0A 1L0 (CA). **DUVNJAK, Rajko** [CA/CA]; 12 Gray Crescent, Kanata, Ontario K2K 3J5 (CA).

(74) **SMART & BIGGAR** et al. / etc.; P.O. Box 2999, Station D, 900 - 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/04, G06F 17/00 // 163:00, G05D 1/10, G01C 21/00

(11) WO 2004/097766 (13) A1

(21) PCT/SG2003/000269

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 60/465,765 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR AIRCRAFT POSITION PREDICTION BASED ON AIRCRAFT CHARACTERISTICS

• PROCEDE DE PREDICTION DE LA POSITION D'UN AERONEF SUR LA BASE DE SES CARACTERISTIQUES

(71) **ST TRAINING & SIMULATION PTE LTD** [SG/SG]; 24 Ang Mo Kio Street 65, Block D, Level 4, Singapore 569061 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TZIDON, Aviv** [IL/IL]; 5 Merkaz Baaly Melacha St., Zip 63823, 63823 Tel Aviv (IL).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G09F

(11) WO 2004/097767 (13) A2

(21) PCT/US2004/012898

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 10/424,250 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHTING DISPLAY SYSTEM

• SYSTEME D'ENSEIGNE LUMINEUSE

(71, 72) **GOTFRIED, Bradley, L.** [AU/US]; 8949 SE Bridge Road, Hobe Sound, FL 33455 (US).

(74) **STEELE, Rodman, 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 G09F

(11) WO 2004/097768 (13) A2

(21) PCT/US2004/012939

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/423,106 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BILLBOARD MANUFACTURE AND SUPPORT ASSEMBLY

• ENSEMBLE D'ARTICLE DE PANNEAU PUBLICITAIRE ET DE SUPPORT CORRESPONDANT

(71, 72) **PENA, John** [US/US]; 932 South Van Horn, West Covina, CA 91790 (US).

(74) DALY, Thomas, J.; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 9/00

(11) WO 2004/097769 (13) A1

(21) PCT/JP2004/002033

(22) 20 Feb/fév 2004 (20.02.2004)

(25) ja (26) ja

(30) 2003-122850 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPLAY

• DISPOSITIF D'AFFICHAGE

(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) MIYATA, Kazuhiko

(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 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 G09F 9/00

(11) WO 2004/097770 (13) A1

(21) PCT/JP2004/006128

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-126230 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLAT TYPE DISPLAY UNIT

• UNITE D'AFFICHAGE DU TYPE PLAT

(71) SANKYO CO., LTD. [JP/JP]; 460, Sakainocho 6-chome, Kiryu-shi, Gunma 3760002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UMEDA, Takao [JP/JP]; C/O SANKYO CO., LTD., 460, Sakainocho 6-chome, Kiryu-shi, Gunma 3760002 (JP). YAMANAKA, Takeshi [JP/JP]; C/O SANKYO CO., LTD., 460, Sakainocho 6-chome, Kiryu-shi, Gunma 3760002 (JP). YOSHIKAWA, Kanzo [JP/JP]; C/O SANKYO CO., LTD., 460, Sakainocho 6-chome, Kiryu-shi, Gunma 3760002 (JP).

(74) YONEZAWA, Akira et al. / etc.; AZUSA PATENT OFFICE, Ueno-Suzuki Bldg. 7th Floor, 16-3, Ueno 3-Chome, Taito-Ku, Tokyo 1100005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 11/29

(11) WO 2004/097771 (13) A1

(21) PCT/CA2004/000212

(22) 16 Feb/fév 2004 (16.02.2004)

(25) en (26) en

(30) 2,427,885 1 May/mai 2003 CA (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE

(71, 72) KOCHAN, William 1319 East 62nd Avenue [CA/CA]; Vancouver British Columbia, V5X 2H4 (CA). AUGUSTINE, Ray [CA/CA]; 1810 Harbour Drive, Coquitlam British Columbia, V3J 5W7 (CA). AUGUSTINE, Anthony, Gene [CA/CA]; 654 Austin Avenue, Coquitlam British Columbia, V3K 3N1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/04, 13/22, 13/14, 13/08, H01L 33/00, G09F 9/33

(11) WO 2004/097772 (13) A1

(21) PCT/US2004/012132

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/424,358 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIGN ILLUMINATION SYSTEM

• SYSTEME D'ECLAIRAGE DE SIGNES

(71) EVERBRITE, LLC. [US/US]; 4949 South 110th Street, Greenfield, WI 53220 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOHACSI, Ferenc [US/US]; W125 W7570 Coventry Drive, Muskego, WI 53150 (US).

(74) LASKA, Casimir, F. et al. / etc.; Michael Best & Friedrich LLP, Suite 3300, 100 East Wisconsin Avenue, Milwaukee, WI 53202-4108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G09F 13/18

(11) WO 2004/097773 (13) A1

(21) PCT/AU2004/000554

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003902056 30 Apr/avr 2003 AU (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISPLAY SYSTEM WITH ANIMATION FEATURE

• SYSTEME D'AFFICHAGE A FONCTIONNAILITE D'ANIMATION

(71) B.T.B.H. HOLDINGS LIMITED [CY/CY]; Offices 2, 7, 9 & 10 22 Hera Street, 1251 Nicosia (CY).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PALMER, Glen [AU/AU]; 16 Lieber Grove, Carrum Downs, Victoria 3201 (AU). MOLLOY, Glenn [AU/AU]; 16 Lieber Grove, Carrum Downs, Victoria 3201 (AU). BUICK, Garry [AU/AU]; 16 Lieber Grove, Carrum Downs, Victoria 3201 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G

(11) WO 2004/097774 (13) A2

(21) PCT/US2004/003320

(22) 5 Feb/fév 2004 (05.02.2004)

(25) en (26) en

(30) 60/465,042 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LAMP PROTECTION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE PROTECTION DE LAMPE

(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) BURNETT, Angela, Renee [US/US]; 6821 Bretton Wood Drive, Indianapolis, Indiana 46268 (US). MCCARTHY, William, Patrick [US/US]; 7832 Pennyroyal Lane, Indianapolis, Indiana 46237 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Two Independence Way, Suite #200, Princeton, New Jersey 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 G09G 3/02, 3/14

(11) WO 2004/097775 (13) A1

(21) PCT/JP2004/006172

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-125165 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RESIDUAL IMAGE DISPLAY

• AFFICHAGE D'IMAGE RESIDUELLE

(71) NITTOH KOGAKU K.K. [JP/JP]; 4529 Oaza Konami, Suwa-shi, Nagano 3920131 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGAWA, Harumi [JP/JP]; c/o NITTOH KOGAKU K.K., 4529 Oaza Konami, Suwa-shi, Nagano 3920131 (JP).

(74) IAT WORLD PATENT LAW FIRM; Room No.213, Shinjuku Saint Villa Nagatani, 32-11, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 G09G 3/20

(11) WO 2004/097776 (13) A1

(21) PCT/JP1994/001688

(22) 7 Oct/oct 1994 (07.10.1994)

(25) ja (26) ja

(30) 5-252922 8 Oct/oct 1993 JP (08.10.1993)

(30) 6-127405 9 Jun/juin 1994 JP (09.06.1994)

(30) 6-127406 9 Jun/juin 1994 JP (09.06.1994)

(30) 6-127407 9 Jun/juin 1994 JP (09.06.1994)

(30) 6-127408 9 Jun/juin 1994 JP (09.06.1994)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTI-GRADATION DISPLAY DEVICE AND MULTI-GRADATION DISPLAY METHOD

• DISPOSITIF ET PROCEDE D'AFFICHAGE MULTI-GRADATION .

(71, 72) SASAKI, Itsuo [JP/JP]; 2-4-5, Mishuku, Setagaya-ku, Tokyo 154 (JP). SUZUKI, Yasoji [JP/JP]; 81-13, Nobacho, Kohnan-ku, Yokohama-shi, Kanagawa-ken 233 (JP). KATO, Hirofumi [JP/JP]; Creare Toshiba Himeji 201, 50, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo-ken 671-12 (JP). ARITA, Isao [JP/JP]; 1-19-4, Kamiigusa, Suginami-ku, Tokyo 167 (JP). YANAGISAWA, Toshio [JP/JP]; Seiwa-Ryo 6-301, 94-2, Baba, Taishicho, Ibogun, Hyogo-ken 671-15 (JP). YAMAMOTO, Kazuyoshi [JP/JP]; 1-46, Itoi, Taishicho, Ibogun, Hyogo-ken 671-15 (JP). MURATA, Hiroyoshi [JP/JP]; Creare Toshiba Himeji 164, 50, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo-ken 671-12 (JP). HAMAGAWA, Hiroyuki [JP/JP]; 4-8-11, Tadera, Himeji-shi, Hyogo-ken 670 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) US.

Published / Publiée : (e): 01Feb/fév 2000 (01.02.2000), 6020869

(51)⁷ G09G 3/20, 3/28

(11) WO 2004/097777 (13) A1

(21) PCT/JP2004/006073

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-124108 28 Apr/avr 2003 JP (28.04.2003)

(30) 2003-124109 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GRAY SCALE DISPLAY DEVICE

• DISPOSITIF AFFICHEUR A GAMME DE GRIS

(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) KAWAHARA, Isao

(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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/28

(11) WO 2004/097778 (13) A1

(21) PCT/IB2004/050522

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03101171.1 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ENERGY RECOVERY DEVICE FOR PLASMA DISPLAY PANEL

• DISPOSITIF À RÉCUPÉRATION D'ÉNERGIE POUR ÉCRANS PLASMA

(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) VOSSEN, Franciscus, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DERKSEN, Sander [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) STEENBEEK, Leonardus, 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 G09G 3/28

(11) WO 2004/097779 (13) A1

(21) PCT/IB2004/050534

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03101169.5 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DRIVER APPARATUS FOR A DISPLAY COMPRISING INTEGRATED SCAN DRIVING CIRCUITS

• APPAREIL DE COMMANDE D'UN PANNEAU D'AFFICHAGE AVEC CIRCUITS INTEGRES DE COMMANDE DU BALAYAGE

(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) DERKSEN, Sander [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) STEENBEEK, Leonardus, 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).

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 G09G 3/28, H01G 4/12, H01L 25/07

(11) WO 2004/097780 (13) A1

(21) PCT/JP2004/006072

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-124200 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PLASMA DISPLAY DEVICE

• DISPOSITIF AFFICHEUR A PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKATANI, Toshikuni ITO, Yuki haru

(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 NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/32

(11) WO 2004/097781 (13) A1

(21) PCT/IB2004/001227

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0309402.6 25 Apr/avr 2003 GB (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR DRIVING AN ACTIVE MATRIX DISPLAY PANEL

• PROCEDE ET DISPOSITIF PERMETTANT DE PILOTER UN ECRAN A MATRICE ACTIVE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEMPEL, Adrianus [NL/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). HEKSTRA, Gerben, J. [NL/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). FISH, David, A. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). KNAPP, Alan, G. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). GIRALDO, Andrea [IT/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). JOHNSON, Mark, T. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 G09G 3/32

(11) WO 2004/097782 (13) A1

(21) PCT/IB2004/001362

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 0310109.4 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTIVE MATRIX OLED DISPLAY DEVICE WITH THRESHOLD VOLTAGE DRIFT COMPENSATION

• ECRAN OLED A MATRICE ACTIVE ET A COMPENSATION DU GLISSEMENT DE LA TENSION LIMITE

(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) DEANE, Steven, C. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G09G 3/32

(11) WO 2004/097783 (13) A1

(21) PCT/US2004/012122

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,437 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LED ILLUMINATION SOURCE/DISPLAY WITH INDIVIDUAL LED BRIGHTNESS MONITORING CAPABILITY AND CALIBRATION METHOD

• AFFICHAGE/SOURCE D'ECLAIRAGE A DEL AYANT LA CAPACITE DE SURVEILLER LA LUMINOSITE DES DEL INDIVIDUELLES, ET PROCEDE DE CALIBRAGE

(71) VISIONEERED IMAGE SYSTEMS, INC. [US/US]; 24272 Sunnybrook Circle, Lake Forest, CA 92630 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOLDT JR., Norton, K. [US/US]; 24272 Sunnybrook Circle, Lake Forest, CA 92630 (US). DECKERT, Curtis, K. [US/US]; 18061 Darmel Place, Santa Ana, CA 92705 (US). JOHNSON, James, C. [US/US]; 1642 Foothill Blvd., Santa Ana, CA 92705 (US). LISIECKI, Andrew, I. [US/US]; 12 Gillman Street, Irvine, CA 92612 (US).

(74) JACKSON, Harold, L.; Jackson Law Corporation, 14751 Plaza Dr., Ste. N, Tustin, CA 92780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G09G 3/34

(11) WO 2004/097784 (13) A1

(21) PCT/EP2004/050388

(22) 29 Mar/mar 2004 (29.03.2004)

(25) fr (26) fr

(30) 03/05125 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTOMATIC PHOTO-COLORIMETRIC PARAMETER CONTROL DEVICE FOR LIGHT BOXES WITH COLOUR LEDS

• DISPOSITIF D'ASSERVISSEMENT DE PARAMETRES PHOTO-COLORIMETRIQUES POUR BOITE A LUMIERE A LEDS COLOREES

(71) THALES [FR/FR]; 45, rue de Villiers, F-92200 Neuilly-sur-Seine (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHOU, Guy [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(74) ESSELIN, Sophie et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil (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 G09G 3/36, 3/32

(11) WO 2004/097785 (13) A1

(21) PCT/GB2004/001371

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0309803.5 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PWM DRIVER FOR A PASSIVE MATRIX DISPLAY AND CORRESPONDING METHOD

• PILOTE PWM POUR AFFICHAGE A MATRICE PASSIVE ET PROCEDE ASSOCIE

(71) CAMBRIDGE DISPLAY TECHNOLOGY LIMITED [GB/GB]; Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROUTLEY, Paul, Richard [GB/GB]; Cambrdige Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB). SMITH, Euan, Christopher [GB/GB]; Cambrdige Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).

(74) MARTIN, Philip, John; Marks & Clerk, 66-68 Hills Road, Cambridge CB2 1LA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/36, 3/20, G02F 1/133

(11) WO 2004/097786 (13) A1

(21) PCT/JP2004/006278

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-125613 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARRAY SUBSTRATE FOR DISPLAY DEVICE AND DISPLAY DEVICE

• SUBSTRAT-RESEAU POUR AFFICHEUR, ET AFFICHEUR

(71) TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD. [JP/JP]; 1-8, Konan 4-chome, Minato-ku, Tokyo 1080075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IGARASHI, Kazuaki [JP/JP] TERANISHI, Kentaro

(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 G09G 3/36, 3/20, G02F 1/133

(11) WO 2004/097787 (13) A1

(21) PCT/JP2004/006280

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-125612 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARRAY SUBSTRATE FOR DISPLAY DEVICE AND DISPLAY DEVICE

• SUBSTRAT-RESEAU POUR AFFICHEUR, ET AFFICHEUR

(71) TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD. [JP/JP]; 1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IGARASHI, Kazuaki [JP/JP] TERANISHI, Kentaro [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097788 (13) A1

(21) PCT/US2004/012696

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,284 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEMS AND METHODS FOR USER INTERFACES DESIGNED FOR ROTARY INPUT DEVICES

• SYSTEMES ET PROCÉDES POUR INTERFACES D'UTILISATEUR CONÇUES POUR DISPOSITIFS D'ENTREE ROTATIFS

(71) IMMERSION CORPORATION [US/US]; 801 Fox Lane, San Jose, California 95131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREGORIO, Pedro [CA/CA]; 7353 Dunver Crescent, Verdun, Québec H4H 2H6 (CA). DACOSTA, Henry [CA/CA]; 11700 Giles Trotter, Montreal, Québec H1E 5R9 (CA). TIMONE, Herve, Thu [CA/CA]; 702, Boul. Jacques Cartier Ouest, Longueuil, Québec J4L 2S3 (CA).

(74) ALEMANNI, John, C. et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G09G 5/393, 5/18

(11) WO 2004/097789 (13) A1

(21) PCT/FI2004/000264

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 20030656 30 Apr/avr 2003 FI (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYNCHRONIZATION OF IMAGE FRAME UPDATE

• SYNCHRONISATION DE MISE A JOUR DE TRAMES D'IMAGE

(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) MUTANEN, Mari [FI/FI]; Kärpänkuja 6 as. 4, FI-33880 Lempäälä (FI). HARTIKAINEN, Antti [FI/FI]; Kytökuja 4, FI-78850 Varkaus (FI). KAIKUMAA, Timo [FI/FI]; Kariekatu 1 J 28, FI-33820 Tampere (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)

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 G10D 1/08

(11) WO 2004/097790 (13) A1

(21) PCT/AU2004/000560

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003902087 1 May/mai 2003 AU (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACOUSTIC GUITAR ASSEMBLY METHOD AND APPARATUS

• PROCÉDE ET APPAREIL D'ASSEMBLAGE DE GUITARE ACOUSTIQUE

(71) AUSTRALIAN NATIVE MUSICAL INSTRUMENTS PTY LTD [AU/AU]; Factory 3, 7 Clare Street, Bayswater, VIC 3153 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARK, Bradley, Roy [AU/AU]; C/o Factory 3, 7 Clare Street, Bayswater, VIC 3153 (AU).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; 290 Burwood Road, Hawthorn, VIC 3122 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G10L

(11) WO 2004/097791 (13) A2

(21) PCT/US2004/013348

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,512 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND SYSTEMS FOR CREATING A SECOND GENERATION SESSION FILE

• PROCEDES ET SYSTEMES DE CREATION D'UN FICHIER DE SESSION DE DEUXIEME GENERATION

(71) CUSTOM SPEECH USA, INC. [US/US]; 3 North Court Street, Suite B365, Crown Point, IN 46307 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAHN, Jonathan [US/US]; 1108 Cheyenne Drive, Crown Point, IN 46307 (US). HUTTINGER, Michael, C. [US/US]; 357 Kimrich Circle South, Valparaiso, IN 46385 (US). HARBISON, William, II [US/US]; 2004 Yorktown Drive, Valparaiso, IN 46385 (US).

(74) SAITO, Marina, N. 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 G10L 13/06

(11) WO 2004/097792 (13) A1

(21) PCT/JP2003/005492

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPEECH SYNTHESIZING SYSTEM

• SYSTEME DE SYNTHETISATION DE LA PAROLE

(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) KATAE, Nobuyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) JP US.

(51)⁷ G10L 13/08

(11) WO 2004/097793 (13) A1

(21) PCT/EP2003/004521

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GRAPHEME TO PHONEME ALIGNMENT METHOD AND RELATIVE RULE-SET GENERATING SYSTEM

• PROCEDE D'ALIGNEMENT DE GRAPHEMES AVEC DES PHONEMES ET SYSTEME GENERANT UN ENSEMBLE DE REGLES Y ETANT RELATIVES

(71) LOQUENDO S.P.A. [IT/IT]; Via Nole, 55, I-10149 Torino (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASSIMINO, Paolo [IT/IT]; Loquendo S.p.A., Via Nole, 55, I-10149 Torino (IT).

(74) GIANNESI, Pier, Giovanni et al. / etc.; Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G10L 19/00

(11) WO 2004/097794 (13) A2

(21) PCT/EP2004/004607

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0301273-9 30 Apr/avr 2003 SE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADVANCED PROCESSING BASED ON A COMPLEX-EXPONENTIAL-MODULATED FILTERBANK AND ADAPTIVE TIME SIGNALLING METHODS

• TRAITEMENT PERFECTIONNE REPOSANT SUR UN BANC DE FILTRES A MODULATION EXPONENTIELLE COMPLEXE ET SUR DES PROCEDES DE SIGNALISATION TEMPORELLE ADAPTATIFS

(71) CODING TECHNOLOGIES AB [SE/SE]; Döbelnsgatan 64, S-113 52 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGDEGARD, Jonas [SE/SE]; Wenströmsvägen 6, S-11543 Stockholm (SE). VILLEMOS, Lars [SE/SE]; Mandolinvägen 22, S-175 56 Järfälla (SE).

(74) SCHOPPE, Fritz et al. / etc.; P.O. Box 246, 82043 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 G10L 19/00

(11) WO 2004/097795 (13) A2

(21) PCT/EP2004/004608

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0301272-1 30 Apr/avr 2003 SE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADAPTIVE VOICE ENHANCEMENT FOR LOW BIT RATE AUDIO CODING

• AMELIORATION VOCALE ADAPTATIVE POUR CODAGE AUDIO A FAIBLE DEBIT BINAIRE

(71) CODING TECHNOLOGIES AB [SE/SE]; Döbelnsgatan 64, S-113 52 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PURNHAGEN, Heiko [SE/SE]; Gjueterbacken 17, S-172 65 Sundbyberg (SE).

(74) SCHOPPE, Fritz et al. / etc.; P.O. Box 246, 82043 Pullach/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 G10L 19/04, 19/12, H03M 7/30
(11) WO 2004/097796 (13) A1
(21) PCT/JP2004/006294
(22) 30 Apr/avr 2004 (30.04.2004)
(25) ja (26) ja
(30) 2003-125665 30 Apr/avr 2003 JP (30.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • AUDIO ENCODING DEVICE, AUDIO DECODING DEVICE, AUDIO ENCODING METHOD, AND AUDIO DECODING METHOD
• DISPOSITIF ET PROCEDE DE CODAGE AUDIO ET DISPOSITIF ET PROCEDE DE DECODAGE 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) SATO, KaoruMORII, Toshiyuki
(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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Albert-Dreux, Ville St-Laurent, Québec H4R 2Y3 (CA).
(74) PRINCE, Gaétan et al. / etc.; Brouillette Kosie Prince, 1100 René-Lévesque Boulevard West, 25th Floor, Montréal, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L 19/08, 19/12
(11) WO 2004/097798 (13) A1
(21) PCT/JP2003/005582
(22) 1 May/mai 2003 (01.05.2003)
(25) ja (26) ja
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • SPEECH DECODER, SPEECH DECODING METHOD, PROGRAM, RECORDING MEDIUM
• DECODEUR VOCAL, PROGRAMME ET PROCEDE DE DECODAGE VOCAL, SUPPORT D'ENREGISTREMENT
(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, Masakiyo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUZUKI, Masanao [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OTA, Yasuji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TSUCHINAGA, Yoshiteru [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakatackimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (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 G10L 21/02
(11) WO 2004/097799 (13) A1
(21) PCT/US2004/012674
(22) 23 Apr/avr 2004 (23.04.2004)
(25) en (26) en
(30) 60/465,116 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
(54) • SYSTEM AND METHOD FOR SPECTRAL ENHANCEMENT EMPLOYING COMPRESSION AND EXPANSION
• SYSTEME ET PROCEDE D'AMELIORATION SPECTRALE PAR COMPRESSION ET EXPANSION
(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TURICCHIA, Lorenzo [IT/US]; 399 Marlborough Street, Cambridge, MA 02139 (US). SARPESHKAR, Rahul [IN/US]; 10 Cornell Street, Arlington, MA 02474 (US).
(74) CONNORS, Matthew, 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G10L 21/04
(11) WO 2004/097800 (13) A1
(21) PCT/JP2004/005651
(22) 20 Apr/avr 2004 (20.04.2004)
(25) ja (26) ja
(30) 2003-127110 2 May/mai 2003 JP (02.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • AUDIO REPRODUCING PROGRAM, AUDIO REPRODUCING METHOD AND AUDIO REPRODUCING APPARATUS
• PROGRAMME DE REPRODUCTION AUDIO, PROTHESE DE REPRODUCTION AUDIO ET APPAREIL DE REPRODUCTION AUDIO
(71) KONAMI COMPUTER ENTERTAINMENT STUDIOS, INC. [JP/JP]; 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066113 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) UENISHI, Takahito [JP/JP]; c/o Konami Computer Entertainment Studios, Inc., 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066113 (JP). YAMAKAWA, Makoto [JP/JP]; c/o Konami Computer Entertainment Studios, Inc., 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066113 (JP).
(74) ONO, Yukio et al. / etc.; SHINJYU GLOBAL IP South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 5300054 (JP).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L 19/08
(11) WO 2004/097797 (13) A1
(21) PCT/CA2004/000380
(22) 12 Mar/mar 2004 (12.03.2004)
(25) en (26) en
(30) 60/466,784 1 May/mai 2003 US (01.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD AND DEVICE FOR GAIN QUANTIZATION IN VARIABLE BIT RATE WIDEBAND SPEECH CODING
• PROCEDE ET DISPOSITIF DE QUANTIFICATION DE GAIN UTILISES POUR LE CODAGE DE LA PAROLE EN BANDE LARGE A DEBIT BINAIRE VARIABLE
(71) VOICEAGE CORPORATION [CA/CA]; Suite 250, 750 chemin Lucerne, Mont-Royal, Québec H3R 2H6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JELINEK, Milan [CA/CA]; 925 Walton, Sherbrooke, Québec J1H 1K4 (CA). SALAMI, Redwan [CA/CA]; 4045 Place

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097801 (13) A2

(21) PCT/US2003/037932

(22) 26 Nov/nov 2003 (26.11.2003)

(25) en (26) en

(30) 10/424,535 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISC PROTECTOR

• DISPOSITIF DE PROTECTION DE
DISQUE

(71, 72) BROWN, Johnny, L. [US/US]; 3117
28th Parkway, Temple Hills, MD 20748 (US).

(74) CRAIG, Royal, W.; Law Offices of Royal
W. Craig, 10 North Calvert Street, Suite 153,
Baltimore, MD 21202 (US).

(81) AE AU BA BG BR BY CA CN CO CZ DM
GE HR ID IL IN JP KP KR MA MK MN MX
NI NO NZ OM PH PL PT RU SG SY UA US
VN ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G11B

(11) WO 2004/097802 (13) A2

(21) PCT/US2004/012064

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/423,701 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL DISC DRIVE COMPATIBLE
WITH MEMORY CARD SLOT

• LECTEUR DE DISQUE OPTIQUE
COMPATIBLE AVEC UNE FENTE DE
CARTE MEMOIRE

(71) VMEDIA RESEARCH, INC. [US/US]; P.O.
Box 20247, Boulder, CO 80308-3247 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) VOLK, Steven, B.; 3805 Norwood Court,
Boulder, CO 80304 (US). BERG, Thomas,
E.; 4801 Chippendale Drive, Fort Collins, CO
80526 (US).

(74) STEUBER, David, E.; Silicon Valley Patent
Group LLP, 2350 Mission College Boulevard,
Suite 360, Santa Clara, CA 95054 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097803 (13) A2

(21) PCT/US2004/012727

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,203 25 Apr/avr 2003 US
(25.04.2003)

(30) 60/488,089 18 Jul/juil 2003 US
(18.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR PRO-
VIDING RECORDING AND PLAY-
BACK OF DIGITAL MEDIA CONTENT

• SYSTEME ET PROCEDE
D'ENREGISTREMENT ET DE LEC-
TURE DE CONTENU MULTIMEDIA
NUMERIQUE

(71) XM SATELLITE RADIO INC. [US/US];
1500 Eckington Place, N.E., Washington,
District of Columbia 20002-2194 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) PATSIOKAS, Stelio; 857 Northwest 123rd
Drive, Coral Springs, FL 33071 (US).
MARKO, Paul; 6320 S.W. 6th Street,
Pembroke Pines, FL 33023 (US). ACKER,
Robert; 6419 22nd Street N., Arlington,
VA 22205 (US). FALCONE, Frank; 17039
42nd Road North, Loxahatchee, FL 33470
(US). LERNER, Kenneth; 11770 Island
Lakes Lane, Boca Raton, FL 33498 (US).

(74) HOLMES, John et al. / etc.; Roylance,
Abrams Berdo & Goodman, L.L.P., 1300
19th Street, N.W., Suite 600, Washington,
District of Columbia 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 G11B 5/00, 5/09

(11) WO 2004/097804 (13) A1

(21) PCT/JP2003/005347

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NON-LINEARITY MEASURING
METHOD, NON-LINEARITY MEA-
SURING DEVICE, MAGNETIC
RECORDING/REPRODUCING DE-
VICE, AND MAGNETIC RECORD-
ING/REPRODUCING LSI

• METHODE ET DISPOSITIF DE ME-
SURE DE NON-LINEARITES, DISPO-
SITIF DE REPRODUCTION/ENREGIS-
TREMENT MAGNETIQUE ET LSI DE
REPRODUCTION/ENREGISTREMENT
MAGNETIQUE AND

(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) UENO, Hiroaki [JP/JP]; c/o FUJITSU
LIMITED, 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, 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 G11B 5/31

(11) WO 2004/097805 (13) A1

(21) PCT/JP2003/005524

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THIN-FILM MAGNETIC HEAD, PRO-
DUCTION METHOD THEREFOR, AND
MAGNETIC STORAGE UNIT

• TETE MAGNETIQUE A FILM MINCE,
SON PROCEDE DE PRODUCTION, ET
UNITÉ A MEMOIRE MAGNETIQUE

(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) YAMADA, Yuichi [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 Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP US.

(51)⁷ G11B 5/31

(11) WO 2004/097806 (13) A1

(21) PCT/JP2003/005559

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MAGNETIC HEAD

• TETE MAGNETIQUE

(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) **IKEDA, Shoji** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **KUBOMIYA, Takayuki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MATSUOKA, Masaaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **WATANUKI, Takao**; CreA center Building, 12-9, Nakagosho 3-chome, Nagano-shi, Nagano 380-0935 (JP).

(81) JP US.

(51)⁷ **G11B 5/39**

(11) **WO 2004/097807** (13) A1

(21) PCT/JP2003/005534

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MAGNETIC RECORDING/REPRODUCTION DEVICE**
• **DISPOSITIF D'ENREGISTREMENT/REPRODUCTION MAGNETIQUE**

(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) **YOKOYAMA, Yukimasa** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SATO, Ryuichi** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ISHIDA, Takashi et al.** / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) JP US.

(51)⁷ **G11B 5/39, 5/31**

(11) **WO 2004/097808** (13) A1

(21) PCT/JP2004/002425

(22) **27 Feb/fév 2004 (27.02.2004)**

(25) ja (26) ja

(30) 2003-123612 **28 Apr/avr 2003 (28.04.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MAGNETIC HEAD WAFER AND COMPOSITE MAGNETIC HEAD MANUFACTURING METHOD**
• **PLAQUETTE DE TETE MAGNETIQUE ET PROCEDE DE FABRICATION D'UNE TETE MAGNETIQUE COMPOSITE**

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORIGOE, Makoto** [JP/JP]; c/o Hitachi, Ltd. Production, Engineering Research Laboratory, 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(74) **OGAWA, Katsuo**; Nitto International Patent Office, 8th Floor, No.17 Arai Building, 3-3, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B 5/64, 5/66, 5/84**

(11) **WO 2004/097809** (13) A1

(21) PCT/JP2003/005623

(22) **2 May/mai 2003 (02.05.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MAGNETIC RECORDING MEDIUM, MAGNETIC STORAGE APPARATUS AND METHOD OF PRODUCING MAGNETIC RECORDING MEDIUM**
• **SUPPORT D'ENREGISTREMENT MAGNETIQUE, APPAREIL DE STOCKAGE MAGNETIQUE ET PROCEDE DE PRODUCTION D'UN SUPPORT D'ENREGISTREMENT MAGNETIQUE**

(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) **ABARRA, E. Noel** [PH/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **INOMATA, Akihiro** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **AJAN, Antony** [IN/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP US.

(51)⁷ **G11B 7/004**

(11) **WO 2004/097810** (13) A1

(21) PCT/KR2004/000928

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10-2003-0028040 **1 May/mai 2003 (01.05.2003)** KR

(30) 10-2003-0030950 **15 May/mai 2003 (15.05.2003)** KR

(30) 60/472,121 **21 May/mai 2003 (21.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **METHOD AND APPARATUS FOR MANAGING DEFECTS IN RECORDING MEDIA, AND A DEFECT MANAGED RECORDING MEDIUM OBTAINED USING THE SAME METHOD**
• **PROCEDE ET APPAREIL DE GESTION DES DEFAUTS DANS DES SUPPORTS D'ENREGISTREMENT, ET SUPPORT D'ENREGISTREMENT TRAITE OBTENU SELON CE PROCEDE**

(71) **SAMSUNG ELECTRONICS CO. LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) **HWANG, Sung-Hee**; 420-403 Jugong Apt., 189, Gaepo-dong, Gangnam-gu, Seoul 135-240 (KR). **KO, Jung-Wan**; 315-401 Cheongmyung Maeul 3-danji Daewoo Apt., 956-2 Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-737 (KR). **LEE, Kyung-Geun**; 229-1006 Sibeom-danji Woosung Apt., 16, Seohyun 1-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-050 (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B 7/004**

(11) **WO 2004/097811** (13) A1

(21) PCT/KR2004/000978

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10-2003-0027830 **30 Apr/avr 2003 (30.04.2003)** KR

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCTION OF SUBTITLE DATA AND METHODS AND APPARATUS OF RECORDING AND REPRODUCING**
• **SUPPORT D'ENREGISTREMENT AVEC STRUCTURE DE DONNEES PERMETTANT LA GESTION DE LA REPRODUCTION DES DONNEES DE SOUS-TITRES ET PROCEDES ET DISPOSITIFS D'ENREGISTREMENT ET DE REPRODUCTION**

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Byung Jin** [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong,

- Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). **KIM, Hyung Sun** [KR/KR]; 286-266, Huigyung 2-dong, Dongdaemooon-gu, Seoul 130-878 (KR). **YANG, Jeong Hye** [KR/KR]; 310-84, Yun-dong, Jejoo-do, Jejoo-si 690-170 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G11B 7/0045, 7/007, 20/14**
- (11) **WO 2004/097812** (13) A1
- (21) PCT/JP2004/003401
- (22) **15 Mar/mar 2004 (15.03.2004)**
- (25) ja (26) ja
- (30) 2003-125947 **30 Apr/avr 2003 JP (30.04.2003)**
- (30) 2003-310162 **2 Sep/sep 2003 JP (02.09.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INFORMATION RECORDING METHOD AND DEVICE, INFORMATION REPRODUCTION METHOD AND DEVICE, AND RECORDING MEDIUM
- PROCEDE ET DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS, PROCEDE ET DISPOSITIF DE REPRODUCTION D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT
- (71) **RICOH COMPANY, LTD.** [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KADOKAWA, Yuichi** [JP/JP]; 17-1-414, Higashirinkan 3-chome, Sagami-hara-shi, Kanagawa, 2280811 (JP).
- (74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097814** (13) A1
- (21) PCT/KR2004/000986
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 10-2003-0027542 **30 Apr/avr 2003 KR (30.04.2003)**
- (30) 10-2004-0015602 **8 Mar/mar 2004 KR (08.03.2004)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF RECORDING AND/OR REPRODUCING TEMPORARY DEFECT LIST, RECORDING AND/OR

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B 7/0045**

(11) **WO 2004/097813** (13) A1

(21) PCT/KR2004/000929

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10-2003-0026590 **26 Apr/avr 2003 KR (26.04.2003)**

(30) 60/472,122 **21 May/mai 2003 US (21.05.2003)**

(30) 10-2003-0049130 **18 Jul/juil 2003 KR (18.07.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF AND DRIVE FOR RECORDING MEDIUM DEFECT MANAGEMENT, AND DEFECT MANAGED RECORDING MEDIUM

• PILOTE ET METHODE D'ENREGISTREMENT DE LA GESTION DES DEFAUTS D'UN SUPPORT, ET SUPPORT D'ENREGISTREMENT A TRAITEMENT DES DEFAUTS

(71) **SAMSUNG ELECTRONICS CO. LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) **HWANG, Sung-Hee**; 420-403 Jugong Apt., 189, Gaepo-dong, Gangnam-gu, Seoul 135-240 (KR). **KO, Jung-Wan**; 315-401 Cheongmyung Maoul 3-danji Daewoo Apt., 956-2, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-737 (KR).

(74) **LEE, Young-Pil**; The cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

REPRODUCING APPARATUS, AND WRITE-ONCE RECORDING MEDIUM

• PROCEDE D'ENREGISTREMENT ET/OU DE REPRODUCTION DE LISTE DE DEFAUTS TEMPORAIRES, APPAREIL D'ENREGISTREMENT ET/OU DE REPRODUCTION ET SUPPORT D'ENREGISTREMENT NON REINSCRIPTIBLE

(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) **HWANG, Sung-Hee**; 420-403 Jugong Apt., 189, Gaepo-dong, Gangnam-gu, Seoul 135-240 (KR). **KO, Jung-Wan**; 315-401 Cheongmyung Maoul 3-danji, Daewoo Apt., 956-2 Yeongtong-dong, Yeongtong-gu Suwon-si, Gyeonggi-do 443-737 (KR).

(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 7/09**

(11) **WO 2004/097815** (13) A1

(21) PCT/JP2004/002106

(22) **24 Feb/fév 2004 (24.02.2004)**

(25) ja (26) ja

(30) 2003-122503 **25 Apr/avr 2003 JP (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPTICAL HEAD DEVICE AND OPTICAL INFORMATION RECORDING/REPRODUCING APPARATUS

• DISPOSITIF A TETE OPTIQUE ET APPAREIL D'ENREGISTREMENT/REPRODUCTION DE DONNEES OPTIQUES

(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) **KATAYAMA, Ryuichi** [JP/JP]; C/o Nec Corporation 7-1, Shiba 5-chome Minato-ku, Tokyo, 1088001 (JP).

(74) **FUJIMAKI, Masanori**; 5th Floor, Fukoku Seimei Building, 2-2, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G11B 7/09, 7/135, G02B 5/18**
- (11) **WO 2004/097816** (13) A1
- (21) PCT/JP2004/005936
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-121736 **25 Apr/avr 2003 JP (25.04.2003)**
- (30) 2003-306424 **29 Aug/août 2003 JP (29.08.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DIFFRACTION ELEMENT AND OPTICAL HEAD DEVICE
- ELEMENT DE DIFFRACTION ET DISPOSITIF DE TETE OPTIQUE
- (71) **ASAHI GLASS COMPANY LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATO, Hiromasa** [JP/JP]; c/o Asahi Glass Koriyama Electronic Material, 1-8, Machiikedai, Koriyama-shi, Fukushima, 9630215 (JP). **MURAKAMI, Ryota** [JP/JP]; c/o Asahi Glass Koriyama Electronic Material, 1-8, Machiikedai, Koriyama-shi, Fukushima, 9630215 (JP).
- (74) **SENNYU, Kenji et al. / etc.**; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo, 1010042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G11B 7/135, 7/125, G02B 3/00, 3/02**
- (11) **WO 2004/097817** (13) A1
- (21) PCT/IB2004/050530
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) en (26) en
- (30) 03101188.5 **29 Apr/avr 2003 EP (29.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OPTICAL SCANNING DEVICE AND LENS THEREFOR
- DISPOSITIF DE BALAYAGE OPTIQUE ET LENTILLE POUR CELUI-CI

- (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) **HENDRIKS, Bernardus, H., W.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HENDRIKS, Robert, F., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BACHMANN, Peter, K.** [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WIECHERT, Detlef, U.** [DE/DE]; 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)

- (51)⁷ **G11B 7/135**
- (11) **WO 2004/097818** (13) A1
- (21) PCT/JP2004/005626
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) ja (26) ja
- (30) 2003/120995 **25 Apr/avr 2003 JP (25.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OPTICAL PICKUP DEVICE
- DISPOSITIF DE LECTURE OPTIQUE
- (71) **KONICA MINOLTA OPTO, INC.** [JP/JP]; 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKAMOTO, Katsuya** [JP/JP]; c/o Konica Minolta Opto, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP). **YOSHIDA, Fumiaki** [JP/JP]; c/o Konica Minolta Opto, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **G11B 7/135, G02B 5/18, 5/30**
- (11) **WO 2004/097819** (13) A1
- (21) PCT/JP2004/005822
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) ja (26) ja
- (30) 2003-122451 **25 Apr/avr 2003 JP (25.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OPTICAL DIFFRACTION DEVICE AND OPTICAL INFORMATION PROCESSING DEVICE
- DISPOSITIF DE DIFFRACTION OPTIQUE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS OPTIQUE
- (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) **ASADA, Jun-ichi** NISHIWAKI, Seiji
- (74) **OKUDA, Seiji**; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg. 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **G11B 7/135**
- (11) **WO 2004/097820** (13) A1
- (21) PCT/JP2004/006022
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) ja (26) ja
- (30) 2003-124057 **28 Apr/avr 2003 JP (28.04.2003)**
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OPTICAL HEAD AND OPTICAL DISK DEVICE
- TETE OPTIQUE ET DISPOSITIF A DISQUE OPTIQUE
- (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) **TAKAHASHI, Yuuichi** 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G11B 7/24

(11) WO 2004/097821 (13) A1

(21) PCT/CH2004/000268

(22) 3 May/mai 2004 (03.05.2004)

(25) de (26) de

(30) 772/03 2 May/mai 2003 CH (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECORDING MEDIUM FOR AN OPTICAL DATA MEMORY, ESPECIALLY A DVD±R

• MILIEU D'ENREGISTREMENT POUR SUPPORTS DE DONNEES OPTIQUES, EN PARTICULIER POUR DVD±R

(71) INTERAXIA AG [CH/CH]; Chamerstrasse 50, CH-6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIPPELL, Thorsten [DE/CH]; Haldenstrasse 6, CH-6300 Zug (CH). ENEVA, Jana [BG/CH]; Alte Steinhäuserstrasse 10, CH-6340 Baar (CH). HÄCKEL, Holger [DE/DE]; Hauptstrasse 19, 72414 Rangendingen (DE). RYU, Ho, Suk [KR/CH]; Alte Steinhäuserstrasse 10, CH-6340 Baar (CH). VERMA, Sanjiv [DE/CH]; Poststrasse 5, CH-6315 Oberägeri (CH).

(74) FREI PATENTANWALTSBÜRO AG; Postfach 524, CH-8029 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).

Published / Publiée : (c)

(51)⁷ G11B 9/06

(11) WO 2004/097822 (13) A1

(21) PCT/JP2004/006045

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-126319 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECORDING/REPRODUCTION HEAD AND RECORDING/REPRODUCTION DEVICE

• TETE
D'ENREGISTREMENT/LECTURE
ET DISPOSITIF
D'ENREGISTREMENT/LECTURE

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 1538654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) CHO, Yasuo [JP/JP]; 4-5-304, Komega-fukuro 2-chome, Aoba-ku, Sendai-shi, Miyagi, 9800813 (JP).

(72, 75) ONOE, Atsushi [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusho. 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama, 3502288 (JP).

(74) EGAMI, Tatsuo, et al. / etc.; c/o TOKYO CENTRAL PATENT FIRM, 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo, 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 G11B 11/105

(11) WO 2004/097823 (13) A1

(21) PCT/JP2003/005337

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MAGNETIC FIELD GENERATOR, MAGNETO-OPTICAL INFORMATION STORAGE SYSTEM, AND MAGNETO-OPTICAL INFORMATION STORAGE DEVICE

• GENERATEUR DE CHAMP MAGNETIQUE, SYSTEME DE STOCKAGE D'INFORMATIONS MAGNETO-OPTIQUE, ET DISPOSITIF DE STOCKAGE D'INFORMATIONS 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) MATSUMOTO, Tsuyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUJIMAKI, Tohru [JP/JP]; c/o FUJITSU LIMITED,

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YOSHIKAWA, Hiroyasu [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 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 19/02

(11) WO 2004/097824 (13) A1

(21) PCT/KR2004/000921

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10-2003-0027274 29 Apr/avr 2003 KR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCTION OF GRAPHIC DATA AND METHODS AND APPARATUS OF RECORDING AND REPRODUCING

• SUPPORT D'ENREGISTREMENT D'UNE STRUCTURE DE DONNEES PERMETTANT DE GERER LA REPRODUCTION DE DONNEES GRAPHIQUES, PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION ASSOCIES

(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, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). KIM, Hyung Sun [KR/KR]; 286-266, Huigyeong 2-dong, Dongdaemoon-gu, Seoul 130-878 (KR). YANG, Jeong Hye [KR/KR]; 310-84, Yun-dong, Jejoo-do, Jejoo-si 690-170 (KR). SEO, Kang Soo [KR/KR]; 606-503, Chowon Hanyang Apt., 897-5, Pyoungan-dong, Dongan-gu, Anyang, Kyunggi-do, 431-075 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B 20/00, 23/28

(11) WO 2004/097825 (13) A1

(21) PCT/CA2004/000632

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 2,427,023 29 Apr/avr 2003 CA
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR THE
PROTECTION OF PERMANENT STOR-
AGE MEDIA

• PROCEDE ET DISPOSITIF DE PRO-
TECTION POUR SUPPORTS DE STO-
CKAGE FIXES

(71) ILINE ENTERTAINMENT INC.
[CA/CA]; 600-255 Albert Street, Ottawa,
Ontario K2P 1C2 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRAY, Todd, D. [CA/CA]; c/o 600-255
Albert Street, Ottawa, Ontario K2P 1C2
(CA). VEKEMAN, Angela, K. [CA/CA];
c/o 600-255 Albert Street, Ottawa, On-
tario K2P 1C2 (CA). KING, Margaret, S.
[CA/CA]; c/o 600-255 Albert Street, Ottawa,
Ontario K2P 1C2 (CA).

(74) MOFFAT & CO; P.O. Box 2088, Station D,
1200-427 Laurier Avenue West, Ottawa, On-
tario K1P 5W3 (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 G11B 20/00

(11) WO 2004/097826 (13) A1

(21) PCT/IB2004/001255

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03300009.2 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM FOR COPY PROTECTION OF
AN INFORMATION CARRIER

• SYSTEME DE PROTECTION
ANTI-COPIE D'UN SUPPORT
D'INFORMATION

(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) KURT, Ralph [DE/FR]; c/o Société
Civile SPID, 156 Boulevard Haussmann,
F-75008 Paris (FR). HENDRIKS, Robert
[NL/NL]; c/o Société Civile SPID, 156 Bd
Haussmann, F-75008 Paris (FR). BAKKER,
Levinus [NL/NL]; c/o Société Civile SPID,
156 Bd Haussmann, F-75008 Paris (FR).

(74) ROCHE, Denis; Société Civile SPID, 156
Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B 20/00

(11) WO 2004/097827 (13) A2

(21) PCT/US2004/012747

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,842 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR
MARKING FORENSICALLY REPLI-
CATED MEDIA

• APPAREIL ET PROCEDE PERMET-
TANT LE MARQUAGE JUDICIAIRE
DE SUPPORTS COPIES

(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) VIZIREANU, Ion [US/US]; 1181 Kels-
ford Court, West Lake Village, California
91361 (US). WEBER, Barry, Jay [US/US];
12979 Camborne Court, Carmel, Califor-
nia 46033 (US). SHEVLIN, Patrick, John

[US/US]; 1698 Ramona Drive, Thousand
Oaks, California 91320 (US). OURI, Ahmad
[JO/US]; 26065 O'Hara Lane, Stevenson
Ranch, California 91381 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 Indepen-
dence Way, Suite 200, Princeton, New Jersey
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 G11B 20/00

(11) WO 2004/097828 (13) A2

(21) PCT/US2004/012748

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,661 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MARKING TECHNIQUES FOR
TRACKING PIRATED MEDIA

• TECHNIQUES DE MARQUAGE PER-
METTANT DE SUIVRE DES SUP-
PORTS PIRATES

(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) VIZIREANU, Ion [US/US]; 1181 Kels-
ford Court, West Lake Village, California
91361 (US). WEBER, Barry, Jay [US/US];
12979 Camborne Court, Carmel, Indiana
46033 (US). SHEVLIN, Pat [US/US]; 1698
Ramona Drive, Thousand Oaks, California
91320 (US). OURI, Ahmad [JO/US]; 26065
O'Hara Lane, Stevenson Ranch, California
91381 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 Indepen-
dence Way, Suite 200, Princeton, New Jersey
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 G11B 20/10

(11) WO 2004/097829 (13) A1

(21) PCT/KR2004/001034

(22) 3 May/mai 2004 (03.05.2004)

(25) en (26) en

(30) 10-2003-0028213 2 May/mai 2003 KR
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AUTHENTICATION SYSTEM AND
METHOD FOR AN INTERACTIVE OP-
TICAL DISC• SYSTEME ET PROCEDE
D'AUTHENTIFICATION POUR
DISQUE OPTIQUE INTERACTIF(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) YOON, Woo Seong [KR/KR];
102-701, Geukdong Apt., Teogyewon-myun,
Namyangjoo-si, Kyonggi-do 472-744 (KR).
YOO, Jea Yong [KR/KR]; C-306, Mac-
bong Samsung Apt., Dogok-dong, Kang-
nam-gu, Seoul 135-270 (KR). ALEXAN-
DRE, Limonov [RU/KR]; 103-109, Kolong
Apt., Woomyun-dong, Seocho-gu, Seoul
137-784 (KR). CHOI, Yong Hoon [KR/KR];
A-1207 Hansin-Green APT. 65-8, Janm-
won-dong, Seocho-gu, Seoul 137-797 (KR).(74) PARK, Lae Bong; IFl., 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 23/02, 23/03, 33/04, B65D 85/57

(11) WO 2004/097830 (13) A1

(21) PCT/CN2003/000315

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SECURITY DEVICE FOR A DISK BOX
• DISPOSITIF DE SECURITE POUR BOI-
TIER DE DISQUE(63) US 09/789,284 (CIP)
20 Feb/fév 2001 (20.02.2001)(71) FINEST INDUSTRIAL CO.,LTD.
[CN/CN]; 13A Sze Hing Loong Ind.Bldg.
44 Lee Chung Street, Chai Wan, Hong Kong
(CN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LAU, KwokDin [CN/CN]; 13A Sze
Hing Loong Ind.Bldg. 44 Lee Chung Street,
Chai Wan, Hong Kong (CN).(74) BEIJING SANYOU INTELLECTUAL
PROPERTY AGENT LTD.; No.40 North
Sanhuanzhonglu Road, Beijing 100088 (CN).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G11B 23/03

(11) WO 2004/097831 (13) A1

(21) PCT/CN2003/000314

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SECURITY DISK CASE

• BOITIER DE DISQUE SECURISE

(71) FINEST INDUSTRIAL CO.,LTD.
[CN/CN]; 13A Sze Hing Loong Ind.Bldg.
44 Lee Chung Street, Chai Wan, Hong Kong
(CN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LAU, KwokDin [CN/CN]; 13A Sze
Hing Loong Ind.Bldg. 44 Lee Chung Street,
Chai wan, Hong Kong (CN).(74) BEIJING SANYOU INTELLECTUAL
PROPERTY AGENT LTD.; No.40 North
Sanhuanzhonglu Road, Beijing 100088 (CN).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ G11B 27/00

(11) WO 2004/097832 (13) A2

(21) PCT/US2004/012459

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,156 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CREATION OF PLAYLISTS USING AU-
DIO IDENTIFICATION• CREATION DE LISTES DE DIFFUSION
AU MOYEN D'UNE IDENTIFICATION
AUDIO(71) THOMSON LICENSING S.A. [FR/FR];
46, Quai A. Le Gallo, F-92100 Boulogne-Bil-
lancourt (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). MASSEY, Matt, Liam
[US/US]; 169 W. Bernardo 100, San Diego,
CA 92127-1623 (US). PETERS, Martin,
George [US/US]; 14038 Woodlark Drive,
Fishers, IN 46038 (US).(74) TRIPOLI, Joseph 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 33/04

(11) WO 2004/097833 (13) A1

(21) PCT/HR2004/000012

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) P20030344A 30 Apr/avr 2003 HR
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ONE-PART CASE FOR DIGITAL
RECORDS' CARRIERS WITH POS-
SIBILITY OF CONNEXION WITH
CASES OF THE SAME TYPE• CASE D'UNE SEULE PIECE POUR
SUPPORTS D'ENREGISTREMENT NU-
MERIQUE AVEC POSSIBILITE DE
RACCORDEMENT A DES CASES DU
MEME TYPE(71, 72) ZAJEC, Zeljko [HR/HR]; Budimska 34,
10360 Sesvete (HR).(72, 75) KEFELJA, Zoran [HR/HR]; Zuti dol
27, 10000 Zagreb (HR). SERCER, Mladen
[HR/HR]; Kacicva 16, 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 G11B 33/14, 33/12

(11) WO 2004/097834 (13) A1

(21) PCT/EP2004/004275

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0305287 30 Apr/avr 2003 FR (30.04.2003)

(30) 0305288 30 Apr/avr 2003 FR (30.04.2003)

(30) 0305316 30 Apr/avr 2003 FR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DATA STORAGE MEDIUM READ/WRITE UNIT COMPRISING A HEAT SINK

• UNITE DE LECTURE/ECRIURE D'UN SUPPORT DE DONNEES COMPRENANT UN DISSIPATEUR THERMIQUE

(71) THOMSON Licensing SA [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) CHAPEL, Claude [FR/FR]; 20 rue Camille Pelletan, F-35200 Rennes (FR).

(74) LE DANTEC, Claude et al. / etc.; Thomson, 46, Quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (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 G11C

(11) WO 2004/097835 (13) A2

(21) PCT/IB2003/001594

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NONVOLATILE MEMORY STRUCTURE WITH HIGH SPEED HIGH BANDWIDTH AND LOW VOLTAGE

• STRUCTURE DE MEMOIRE REMANENTE A HAUTE VITESSE, HAUTE LARGEUR DE BANDE ET BASSE TENSION

(71) SOLID STATE SYSTEM CO., LTD. [CN/CN]; 5F-1, No.22 Taiyuen Street, Jubei City, Hsinchu, Taiwan 302 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIN, Chin-Hsi [CN/CN]; No.42, Lane 59, Chaichiau Road, Hsinchu, Taiwan 300 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/097836 (13) A2

(21) PCT/US2004/010478

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/423,637 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MIRROR IMAGE MEMORY CELL TRANSISTOR PAIRS FEATURING POLY FLOATING SPACERS

• PAIRES DE TRANSISTORS DE MEMORISATION SYMETRIQUES SE CARACTERISANT PAR DES ESPACEURS POLY FLOTTANTS

(71) ATMEL CORPORATION [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) LOJEK, Bohumil; 4830 Langdale Way, Colorado Springs, CO 80906 (US).

(74) SCHNECK, Thomas; Schneck & Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G11C

(11) WO 2004/097837 (13) A2

(21) PCT/US2004/007124

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en

(26) en

(30) 10/422,092 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF DUAL CELL MEMORY DEVICE OPERATION FOR IMPROVED END-OF-LIFE READ MARGIN

• PROCEDE D'EXPLOITATION D'UN DISPOSITIF A MEMOIRE CELLULAIRE DOUBLE POUR MARGE DE LECTURE DE FIN DE VIE AMELIOREE

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68; P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMILTON, Darlene, G. [US/US]; 5824 Ponce Court, San Jose, CA 95118 (US). TANPAIROJ, Kulachet [US/US]; 948 Wing Place, Palo Alto, CA 94305 (US). HSIA, Edward [US/US]; 18723 Wood Dell Court, Saratoga, CA 95070 (US). MADHANI, Alykhan [US/US]; 1321 Jonathan Street #3, Santa Clara, CA 95050 (US). LEE, Mimi [US/US]; 2362 Bohannon Drive, Santa Clara, CA 95050 (US).

(74) COLLOPY, Daniel, R.; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/02, H01L 23/538

(11) WO 2004/097838 (13) A2

(21) PCT/EP2004/050322

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 19 271.9 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEMORY-CIRCUIT ARRANGEMENT AND METHOD FOR THE PRODUCTION THEREOF

• SYSTEME DE CIRCUIT-MEMOIRE ET PROCEDE DE PRODUCTION CORRESPONDANT

(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) GRUBER, Wolfgang [DE/DE]; Bgm.-Grässmann-Str. 2, 82140 Neu-Esting (DE). KAKOSCHKE, Ronald [DE/DE]; Karlsbergstr. 11, 81475 München (DE).

SCHWEIZER, Thomas [DE/DE]; Forstn-
ninger Str. 60, 85560 Ebersberg (DE).
WEGERTSEDER, Dominik [DE/DE];
Dr.-Mach-Str. 105, 85540 Haar (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 16/10

(11) WO 2004/097839 (13) A1

(21) PCT/JP2003/005457

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • NON-VOLATILE SEMICONDUCTOR
STORAGE DEVICE AND METHOD
FOR PROGRAMING NON-VOLATILE
SEMICONDUCTOR STORAGE DE-
VICE

• PROCEDE DE STOCKAGE NON VO-
LATILE A SEMI-CONDUCTEUR ET
PROCEDE DE PROGRAMMATION
DUDIT DISPOSITIF

(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) KURIHARA, Kazuhiro [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP US.

(51)⁶ G11C 29/00

(11) WO 2004/097840 (13) A1

(21) PCT/JP1995/001767

(22) 6 Sep/sep 1995 (06.09.1995)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR
GENERATING TEST PATTERNS FOR
SDRAM

• DISPOSITIF ET PROCEDE PERMET-
TANT DE PRODUIRE DES SCHEMAS
D'ESSAI POUR UNE MEMOIRE VIVE
DYNAMIQUE SYNCHRONE (SDRAM)

(71, 72) YAMADA, Osamu [JP/JP]; Room 301,
Eregansu Nakazato, 9-5, Higashi Tokorozawa
1-chome, Tokorozawa-shi, Saitama 359 (JP).
HARA, Koji [JP/JP]; 543, Yada, Fujisawa-
shi, Kanagawa 252 (JP).

(74) ADVANTEST CORPORATION; Intel-
lectual Property Dept., 16-1, Fujimi-cho
1-chome, Gyoda-shi, Saitama 361 (JP).

(81) US.

Published / Publiée : (e): 29Dec/déc 1998
(29.12.1998), 5854801

(51)⁷ G11C 29/00

(11) WO 2004/097841 (13) A1

(21) PCT/JP2003/005503

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLASH MEMORY HAVING A SPARE
SECTOR OF REDUCED ACCESS TIME
• MEMOIRE FLASH COMPRENANT UN
SECTEUR DE RECHANGE A TEMPS
D'ACCES REDUIT

(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) YAMADA, Shigekazu [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) DOI, Kenji 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 G11C 29/00

(11) WO 2004/097842 (13) A1

(21) PCT/US2003/033358

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 10/403,101 28 Mar/mar 2003 US
(28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEMORY BIT LINE LEAKAGE RE-
PAIR
• REPARATION DE FUITE EN LIGNE DE
BITS DE MEMOIRE

(71) QUALCOMM, INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).

(72) CHEN, Nan; 12240 Summerbreeze Lane,
San Diego, CA 92128 (US). ZHONG,
Cheng; 11415 Southbrook Court, San Diego,
CA 92128 (US). SANI, Mehdi Hamidi;
13636 Old El Camino Real, San Diego, CA
92130 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G21B

(11) WO 2004/097843 (13) A2

(21) PCT/US2004/012537

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,489 24 Apr/avr 2003 US
(24.04.2003)

(30) 60/527,187 4 Dec/déc 2003 US
(04.12.2003)

(30) 10/831,538 22 Apr/avr 2004 US
(22.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR IG-
NITION OF HIGH-GAIN THERMONU-
CLEAR MICROEXPLOSIONS WITH
ELECTRIC-PULSE POWER

• APPAREIL ET PROCEDE DE DECLEN-
CHEMENT DE MICROEXPLOSIONS
THERMONUCLEAIRE A GAIN ELE-
VEE AU MOYEN D'UN COURANT
ELECTRIQUE PULSE

(71) BOARD OF REGENTS OF THE UNI-
VERSITY AND COMMUNITY COL-
LEGE SYSTEM OF NEVADA [US/US];
University of Nevada, Reno, NV 89557 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WINTERBERG, Friedwardt, M.
[US/US]; 5395 Goldenrod Drive, Reno, NV
89511 (US).

(74) D'ALESSANDRO, Kenneth; Sierra Patent
Group, Ltd., P.O. Box 6149, Stateline, NV
89449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/00

(11) WO 2004/097844 (13) A2

(21) PCT/JP2004/005550

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 2003-122463 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR HANDLING
MINUTE OBJECT

• APPAREIL POUR MANIPULER UN
OBJET MINUSCULE

(71) **CANON KABUSHIKI KAISHA** [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAEHARA, Hiroshi** [JP/JP]; C/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) **OKABE, Masao et al.** / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G21K 5/10**

(11) **WO 2004/097845** (13) A2

(21) PCT/CA2004/000665

(22) **30 Apr/avr 2004 (30.04.2004)**

(25) en (26) en

(30) 60/466,730 **1 May/mai 2003 (01.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS IN IRRADIATION APPARATUS FOR PRODUCTION LINE USE

• AMELIORATIONS APPORTEES A UN APPAREIL D'EXPOSITION A UN RAYONNEMENT, DESTINE A ETRE UTILISE DANS UNE CHAÎNE DE PRODUCTION

(71, 72) **STIRLING, Andrew, J.** [CA/CA]; 25 Reaney Court, Kanata, Ontario K2K 1W7 (CA). **HARE, Gerald, E.** [CA/CA]; 11 Andrea Crescent, Nepean, Ontario K2J 1G8 (CA).

(74) **PROBERT, Heather et al.** / etc.; P.O. Box 3440, Ottawa, Ontario K1P 6P1 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **H01B**

(11) **WO 2004/097846** (13) A2

(21) PCT/US2004/012595

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,719 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POROUS MATERIALS FUNCTIONALIZED BY VACUUM DEPOSITION

• MATIERES POREUSES FONCTIONNALISEES PAR UNE METALLISATION SOUS VIDE

(71) **SIGMA LABORATORIES OF ARIZONA, INC.** [US/US]; 10960 N. Stallard Place, Tucson, AZ 85737 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKHAEL, Michael, G.** [US/US]; 3349 N. Manor Drive, Tucson, AZ 85750 (US). **YIALIZIS, Angelo** [US/US]; 13680 N. Kachina Drive, Tucson, AZ 85737 (US).

(74) **DURANDO, Antonio, R.**; Quarles & Brandy Streich Lang LLP, One South Church Avenue, Suite 1700, Tucson, AZ 85701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)

(u) for / pour US only / seulement

(51)⁷ **H01B 1/00, H05K 3/12**

(11) **WO 2004/097847** (13) A1

(21) PCT/US2004/012220

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 10/424,666 **28 Apr/avr 2003 (28.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEAT SELECTIVE ELECTRICALLY CONDUCTIVE POLYMER SHEET

• FEUILLE POLYMERE ELECTROCONDUCTRICE ET THERMOSELECTIVE

(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) **BOURDELAIS, Robert Paul** [US/US]; 59 Oakshire Way, Pittsford, NY 14534 (US). **KAMINSKY, Cheryl Jane** [US/US]; 524 Glenview Court, Webster, NY 14580 (US). **POCHAN, John Michael** [US/US]; 5 Glen Valley Drive, Penfield, NY 14526 (US). **ELMAN, James Frank** [US/US]; 2543 Huber Road, Fairport, NY 14450 (US).

(74) **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **H01B 1/00**

(11) **WO 2004/097848** (13) A1

(21) PCT/US2004/012298

(22) **21 Apr/avr 2004 (21.04.2004)**

- (25) en (26) en
- (30) 10/425,012 **28 Apr/avr 2003** US
(**28.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • TERMINATED CONDUCTIVE PAT-
TERNE SHEET UTILIZING CON-
DUCTIVE CONDUITS
- FEUILLE FORMEE CONDUCT-
TRICE TERMINEE UTILISANT DES
CONDUITS CONDUCTEURS
- (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) BOURDELAIS, Robert Paul [US/US];
59 Oakshire Way, Pittsford, NY 14534 (US).
BRICKEY, Cheryl, Jane [US/US]; 524
Glenview Court, Webster, OK 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
- (t) for the following designation / pour la
désignation suivante : US
-
- (51)⁷ H01B 1/06, H01L 21/28, 33/00
- (11) WO 2004/097849 (13) A1
- (21) PCT/JP2004/005868
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-122978 **25 Apr/avr 2003** JP
(**25.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ELECTRODE MATERIAL AND SEMI-
CONDUCTOR DEVICE
- MATERIAU D'ELECTRODE ET DISPO-
SITIF A SEMICONDUCTEUR

- (71) HOYA CORPORATION [JP/JP]; 7-5,
Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo
161-8525 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) KAWAZOE, Hiroshi [JP/JP]; 931-113,
Kuden-cho, Sakae-ku, Yokohama-shi, Kana-
gawa 247-0014 (JP). YANAGITA, Hi-
roaki [JP/JP]; 4-23-12-202, Hino-honmachi,
Hino-shi, Tokyo 191-0011 (JP). ORITA,
Masahiro [JP/JP]; 3-4-9-808, Tsutsujiga-oka,
Akishima-shi, Tokyo 196-0012 (JP).
- (74) HAGIHARA, Makoto; Third Watanabe
Bldg. 9th Floor, 1-33, Shiba 2-chome, Mi-
nato-ku, Tokyo 105-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/06, H01M 8/02, 8/10
- (11) WO 2004/097850 (13) A1
- (21) PCT/JP2004/005885
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-122766 **25 Apr/avr 2003** JP
(**25.04.2003**)
- (30) 2004-009471 **16 Jan/jan 2004** JP
(**16.01.2004**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PROTON-CONDUCTIVE FILM,
PROCESS FOR PRODUCING THE
SAME, AND FUEL CELL EMPLOYING
THE PROTON-CONDUCTIVE FILM
- FILM CONDUCTEUR DE PROTONS,
PROCEDE DE PRODUCTION DE CE
FILM ET PILE A COMBUSTIBLE UTI-
LISANT CE FILM CONDUCTEUR DE
PROTONS
- (71) SEKISUI CHEMICAL CO., LTD. [JP/JP];
4-4, Nishitemma 2-chome, Kita-ku, Osaka-
shi, Osaka 530-8565 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MIYAMA, Toshihito [JP/JP]; c/o
Sekisui Chemical Co., Ltd., 32, Wadai,
Tsukuba-shi, Ibaraki 300-4292 (JP). SUGI-
MOTO, Toshiya [JP/JP]; c/o Sekisui Chemi-
cal Co., Ltd., 32, Wadai, Tsukuba-shi, Ibaraki
300-4292 (JP). NOMURA, Shigeki [JP/JP];
c/o Sekisui Chemical Co., Ltd., 32, Wadai,
Tsukuba-shi, Ibaraki 300-4292 (JP).
- (74) MIYAKOSHI, Noriaki; Shin-ei Patent
Office, 12th Floor, ARK Mori Building,
12-32, Akasaka 1-chome, Minato-ku, Tokyo
107-6012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/06, 13/00, H01M 8/02, C08F
214/16, 24/00
- (11) WO 2004/097851 (13) A1
- (21) PCT/JP2004/006127
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-123383 **28 Apr/avr 2003** JP
(**28.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SOLID POLYMERIC ELECTROLYTE
MATERIAL, PROCESS FOR PRO-
DUCING THE SAME AND MEM-
BRANE/ELECTRODE ASSEMBLY
FOR SOLID POLYMER FUEL CELL
- MATERIAU D'ELECTROLYTE PO-
LYMERE SOLIDE, PROCEDE PER-
METTANT DE PRODUIRE CE MA-
TERIAU ET ASSEMBLAGE MEM-
BRANE/ELECTRODE POUR PILE A
COMBUSTIBLE A POLYMERE SO-
LIDE
- (71) ASAHI GLASS COMPANY LIMITED
[JP/JP]; 12-1, Yurakucho 1-chome, Chiyo-
oda-ku, Tokyo, 1008405 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) WATAKABE, Atsushi [JP/JP]; c/o
Asahi Glass Company, Limited, 1150, Haz-
awa-cho, Kanagawa-ku, Yokohama-shi,
Kanagawa, 2218755 (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 H01B 1/24
- (11) WO 2004/097852 (13) A1
- (21) PCT/US2004/012109
- (22) 20 Apr/avr 2004 (20.04.2004)

- (25) en (26) en
- (30) 60/465,994 **28 Apr/avr 2003** US
(**28.04.2003**)
- (30) 10/818,141 **5 Apr/avr 2004** US
(**05.04.2004**)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHOD OF MANUFACTURE THEREOF
- COMPOSITIONS CONDUCTRICES D'ELECTRICITE ET LEUR PROCEDE DE FABRICATION

(71) GENERAL ELECTRIC COMPANY [US/US]; (a New York Corporation), 1 River Road, Schenectady, NY 12345 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARK, Darren, Cameron [CA/US]; 136 Trinley Street, Pottstown, PA 19465 (US). ELKOVITCH, Mark [US/US]; 6 Kasper Drive, Clifton Park, NY 12065 (US). GHOSH, Soumyadeb [IN/IN]; 2661, 18th Main, 4th Cross, HAL 2nd Stage, Bangalore 560 008, Karnataka (IN). RAJAGOPALAN, Srinivasan [IN/IN]; 103, Dwarka Apartments, 302, 100 Feet Road, Indiranagar I Stage, Bangalore 560 038, Karnataka (IN). TING, Sai-Pei [US/US]; 18 Bittersweet Lane, Slingerlands, NY 12159 (US).

(74) WINTER, Catherine, J. et al. / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 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 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 H01B 1/24, C08K 3/04

(11) WO 2004/097853 (13) A1

(21) PCT/US2004/012432

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,259 **24 Apr/avr 2003** US
(**24.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • CONDUCTIVE CARBON NANOTUBE-POLYMER COMPOSITE
- COMPOSITE CONDUCTEUR COMPRENANT DES NANOTUBES DE CARBONE ET UN POLYMER

(71) CARBON NANOTECHNOLOGIES, INC. [US/US]; 16200 Park Row, Houston, TX 77084 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) GRUNLAN, Jamie, C.; 961 E. California Blvd., #107, Pasadena, CA 91106 (US). CROSS, Virginia, R.; 16200 Park Row, Houston, TX 77084 (US). SMITH, Kenneth, A.; 11322 Birdwing Lane, Houston, TX 77067 (US).

(74) GOODMAN, Kenneth, D.; Williams, Morgan & Amerson, P.C., Suite 1100, 10333 Richmond Ave., Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 H01B 3/00, 3/12, C01G 25/00, 23/00, H01L 21/316, C01B 13/14, H01L 27/10

(11) WO 2004/097854 (13) A1

(21) PCT/JP2004/005913

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-125329 **30 Apr/avr 2003** JP
(**30.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LIQUID COMPOSITION FOR FORMING FERROELECTRIC THIN FILM AND METHOD FOR FORMING FERROELECTRIC THIN FILM

- COMPOSITION LIQUIDE PERMETTANT DE FORMER UN FILM MINCE FERROELECTRIQUE ET PROCEDE ASSOCIE

(71) ASAHI GLASS COMPANY LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUNAHARA, Kazuo [JP/JP]; c/o Asahi Glass Company, Limited 1150 Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP). TOMONAGA, Hiroyuki [JP/JP]; c/o Asahi Glass Company, Limited 1150 Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP). BEPPU, Yoshihisa [JP/JP]; c/o Asahi Glass Company, Limited 1150 Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg. 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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 H01B 7/08

(11) WO 2004/097855 (13) A1

(21) PCT/EP2004/050526

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 03101159.6 **28 Apr/avr 2003** EP
(**28.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • EMI SHIELDED FLAT FLEXIBLE CABLE
- CABLE PLAT SOUPLE A BLINDAGE CONTRE LES INTERFERENCES ELECTROMAGNETIQUES

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOOVAERTS, Pieter [BE/BE]; Koningin Fabiolalaan 20, B-9840 Deinze (BE).

(74) VAN STEENLANDT, Wim; Bekaertstraat 2, B-8550 Zwevegem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 13/012

(11) WO 2004/097856 (13) A1

(21) PCT/JP2004/006068

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-123749 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIRE HARNESS MANUFACTURING
METHOD AND WIRE HARNESS

• PROCEDE DE FABRICATION DE FAIS-
CEAUX DE FILS ET FAISCEAUX DE
FILS

(71) YAZAKI CORPORATION [JP/JP]; 4-28,
Mita 1-chome, Minato-ku, Tokyo 108-8333
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ITO, Takashi [JP/JP]; c/o Yazaki Parts
Co., Ltd., 2464-48, Washizu, Kosai-shi,
Shizuoka 431-0431 (JP). SUGIMOTO,
Yoshio [JP/JP]; c/o Yazaki Parts Co., Ltd.,
2117-1, Nishigata, Niimi-shi, Okayama
718-0017 (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 H01C

(11) WO 2004/097857 (13) A2

(21) PCT/US2004/011101

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/465,270 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • THICK FILM THERMISTOR

• THERMISTANCE A COUCHES
EPAISSES

(71) KEY SAFETY SYSTEMS, INC. [US/US];
7000 Nineteen Mile Road, Sterling Heights,
MI 48314 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PODOLOFF, Robert [US/US]; 8 Gates
Streed, Farmingham, MA 01701 (US).
GOLDMAN, Bob [US/US]; 2353 Colfax
Terrace, Evanston, IL 60201 (US).

(74) DRAYER, Lonnie, R.; Key Safety Systems,
Inc., 5300 Allen K. Breed Highway, Lake-
land, FL 33811-1130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01C 7/12, H02H 1/04, H01H 9/04

(11) WO 2004/097858 (13) A1

(21) PCT/SE2004/000647

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301254-9 30 Apr/avr 2003 SE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SURGE ARRESTER

• SUPPRESSEUR DE TRANSITOIRES

(71) ABB TECHNOLOGY LTD [CH/CH]; Af-
folfenstrasse 44, CH-8050 Zürich (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SILJEHOLM, Roger [SE/SE]; Sundvä-
gen 8 A, S-771 41 Ludvika (SE). EKEROTH
REIJM, Kerstin [SE/SE]; Tuna Hästberg
141, S-781 99 Idkerberget (SE).

(74) ABB AB LEGAL & COMPLIANCE/IN-
TELLECTUAL PROPERTY; Forskar-
gränd 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 H01C 10/00

(11) WO 2004/097859 (13) A2

(21) PCT/CA2004/000398

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,887 20 Mar/mar 2003 US
(20.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIDIRECTIONAL THERMAL TRIM-
MING OF ELECTRICAL RESISTANCE

• AJUSTAGE THERMIQUE BIDIREC-
TIONNEL DE RESISTANCE ELEC-
TRIQUE

(71) MICROBRIDGE TECHNOLOGIES
INC. [CA/CA]; 1980 Sherbrooke Street
West, Suite 505, Montreal, Québec H3H 1E8
(CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRUDIN, Oleg [CA/CA]; Apt. 2404,
1411 du Fort Street, Montreal, Québec H3H
2N7 (CA). LANDSBERGER, Leslie, M.
[CA/CA]; 310 Elm Avenue, Westmount,
Québec H3Z 1Z5 (CA). FROLOV, Gen-
nadiy [UA/CA]; 2250 Guy Street, Montreal,
Québec H3Z 2M3 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981
McGill College Avenue, Montreal, 10 H3A
2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01C 17/26

(11) WO 2004/097860 (13) A1

(21) PCT/CA2004/000397

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,855 20 Mar/mar 2003 US
(20.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRIMMING TEMPERATURE COEF-
FICIENTS OF ELECTRONIC COMPO-
NENTS AND CIRCUITS

• REGLAGE DE COEFFICIENTS DE
TEMPERATURE DE COMPOSANTS
ET DE CIRCUITS ELECTRONIQUES

(71) MICROBRIDGE TECHNOLOGIES
INC. [CA/CA]; Suite 505, 1980 Sjerbrooke
Street West, Montréal, Québec H3H 1E8
(CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRUDIN, Oleg [CA/CA]; Apt. 2404,
1411 du Fort Street, Montréal, Québec H3H
2N7 (CA). LANDSBERGER, Leslie, M.
[CA/CA]; 310 Elm Avenue, Westmount,
Québec H3Z 1Z5 (CA). FROLOV, Gen-
nadiy [UA/CA]; 2250 Guy Street, Montréal,
Québec H3Z 2M3 (CA). GRUDINA, Lyud-
mila [CA/CA]; Apt. 2404, 1411 du Fort
Street, Montréal, Québec H3H 2N7 (CA).

(74) **OGILVY RENAULT**; Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01C 17/26**

(11) **WO 2004/097861** (13) A1

(21) PCT/CA2004/000399

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 60/455,886 **20 Mar/mar 2003 US (20.03.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **TRIMMABLE RESISTORS HAVING IMPROVED NOISE PERFORMANCE**
• **RESISTANCES AJUSTABLES A PERFORMANCE DE BRUIT AMELIOREE**

(71) **MICROBRIDGE TECHNOLOGIES INC.** [CA/CA]; 1980 Sherbrooke Street West, Suite 505, Montreal, Québec H3H 1E8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANDSBERGER, Leslie, M.** [CA/CA]; 310 Elm Avenue, Westmount, Québec H3Z 1Z5 (CA). **GRUDIN, Oleg** [CA/CA]; Apt. 2402, 1411 du Fort Street, Montreal, Québec H3H 2N7 (CA).

(74) **OGILVY RENAULT**; Suite 1600, 1981 McGill College Avenue, Montreal, 10 H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01F**

(11) **WO 2004/097862** (13) A2

(21) PCT/US2004/012226

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 10/423,791 **25 Apr/avr 2003 US (25.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **SELECTIVE ETCHING PROCESS FOR CUTTING AMORPHOUS METAL SHAPES AND COMPONENTS MADE THEREOF**

• **PROCEDE D'ATTAQUE SELECTIVE POUR LA DECOUPE DE FORMES METALLIQUES AMORPHES, ET COMPOSANTS OBTENUS CORRESPONDANTS**

(71) **METGLAS, INC.** [US/US]; 440 Allied Drive, Conway, SC 29526 (US).

(72) **DECRISTOFARO, Nicholas, J.**; 33 Lincoln Avenue, Chatham, NJ 07928 (US). **FISCH, Gordon, E.**; 103 Lorraine Avenue, Montclair, NH 07043 (US). **LINDQUIST, Scott, M.**; 4700 Touhey Drive, # 105, Myrtle Beach, SC 29579 (US). **KROGER, Carl, E.**; 4149 Long Bay Road, Aynor SC 29511 (US).

(74) **BUFF, Ernest, D.**; Ernest D. Buff & Associates, LLC, 231 Somerville Road, Bedminster, NJ 07921 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01F 1/34, 1/36, C04B 35/26**

(11) **WO 2004/097863** (13) A1

(21) PCT/JP2004/004307

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-126720 **1 May/mai 2003 JP (01.05.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **MAGNETIC MATERIAL**
• **MATIERE MAGNETIQUE**

(71) **JURIDICAL FOUNDATION OSAKA INDUSTRIAL PROMOTION ORGANIZATION** [JP/JP]; c/o MydomeOsaka 2-5,, Honmachibashi, Chuo-ku Osaka-shi Osaka, 5400029 (JP). **NEOMAX CO., LTD.** [JP/JP]; 7-19, Kitahama 4-chome,, Chuo-ku Osaka-shi, Osaka5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TACHIBANA, Takeshi** [JP/JP]; c/o SUMITOMO SPECIAL METALS CO., LTD. YAMAZAKI WORKS 15-17, Egawa 2-chome Shimamoto-cho, Mishima-gun Osaka, 6180013 (JP). **YAMAMOTO, Takao** [JP/JP]; 1-8-7-607, Minamitanabe, Higashisumiyoshi-ku Osaka-shi Osaka, 5460033 (JP). **NAKAGAWA, Takashi** [JP/JP]; 3-11-25, Nishisyouji Minoo-shi Osaka, 5620003 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01F 5/00**

(11) **WO 2004/097864** (13) A2

(21) PCT/US2004/013536

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 60/466,315 **29 Apr/avr 2003 US (29.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **COIL DEVICE**
• **DISPOSITIF A ENROULEMENT**

(63) US not assigned (CON)
29 Apr/avr 2004 (29.04.2004)

(71) **INVENTIVE HOLDINGS LLC** [US/US]; 522 Highway 9 North #124, Manalapan, NJ 07726 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LESTICIAN, Guy, A.** [US/US]; 158 Monroe Lake Shores, East Stroudsburg, PA 18301 (US).

(74) **SINGER, James, M.**; 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 H01F 6/06, 13/00, H01L 39/04, H01B 12/00
- (11) WO 2004/097865 (13) A1
- (21) PCT/JP2004/005909
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-122288 25 Apr/avr 2003 JP (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SUPERCONDUCTING PERMANENT MAGNET
• AIMANT PERMANENT SUPERCONDUCTEUR
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; Kawaguchi Center Bldg., 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama, 3320012 (JP). AISIN SEIKI CO. LTD. [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) OKA, Tetsuo [JP/JP]; 47-189, Chaya, Kyowa-machi, Obu-shi, Aichi, 4740057 (JP). NOTO, Koshichi [JP/JP]; 19-27, Chome-igaoka 3-chome, Izumi-ku, Sendai-shi, Miyagi, 9813212 (JP). YOKOYAMA, Kazuya [JP/JP]; 12-1-B105, Shimo-ota Shimo-kawara, Morioka-shi, Iwate, 0200051 (JP).
- (74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Bldg., 8-14, Akasaka 3-chome, Minato-ku, Tokyo, 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- (51)⁷ H01F 38/14, H02M 5/00, H01R 3/00, 13/66, H02M 7/00
- (11) WO 2004/097866 (13) A1
- (21) PCT/GB2004/001897
- (22) 4 May/mai 2004 (04.05.2004)
- (25) en (26) en
- (30) 0310088.0 2 May/mai 2003 GB (02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • APPARATUS FOR SUPPLYING ENERGY TO A LOAD AND A RELATED SYSTEM
• APPAREIL DESTINE A FOURNIR DE L'ENERGIE A UNE CHARGE ET SYSTEME ASSOCIE

- (71, 72) LIMPKIN, George, Alan [GB/GB]; 22 Hayes Mead, Ciltern Park, Berkhamstead, Hertfordshire HP14 1BU (GB).
- (72) ROZENBERG, Simon, Grant; The Bothy House, Mentmore, Buckinghamshire LU7 0QG (GB).
- (74) WALKER, Neville, Daniel, Alan; IP Consult, 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).

Published / Publiée : (c)

- (51)⁷ H01G
- (11) WO 2004/097867 (13) A2
- (21) PCT/JP2004/004469
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-96664 31 Mar/mar 2003 JP (31.03.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ORGANIC ELECTROLYTE CAPACITOR
• CONDENSATEUR A ELECTROLYTE ORGANIQUE
- (71) KANEBO, LTD. [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDO, Nobuo [JP/JP]; 5-2-11, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP). KOJIMA, Kenji [JP/JP]; 5-2-8, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP). TASAKI, Shinichi [JP/JP]; 6-9-406, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP). TAGUCHI, Hiromoto [JP/JP]; 6-6-207, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP). FUJII, Tsutomu [JP/JP]; 6-6-208, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP). HATO, Yukinori [JP/JP]; 5-1-6, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP). MARUMO, Chisato [JP/JP]; 6-8-405, Kanebo-cho, Hofu-shi, Yamaguchi 747-0823 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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).

- (51)⁷ H01G
- (11) WO 2004/097868 (13) A2
- (21) PCT/US2004/010795
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 10/423,708 25 Apr/avr 2003 US (25.04.2003)
- (30) 60/498,197 26 Aug/août 2003 US (26.08.2003)
- (30) 60/518,052 7 Nov/nov 2003 US (07.11.2003)
- (30) 60/518,421 7 Nov/nov 2003 US (07.11.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CHARGE BALANCING CIRCUIT FOR DOUBLE-LAYER CAPACITORS
• CIRCUIT D'EQUILIBRAGE DE CHARGE POUR CONDENSATEURS DOUBLE COUCHE
- (71) MAXWELL TECHNOLOGIES, INC. [US/US]; 9244 Balboa Avenue, San Diego, CA 92123 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THRAP, Guy, C. [US/US]; 13349 Portofini Drive, Del Mar, CA 92014 (US). GALLAY, Roland [CH/CH]; Clo-Besson 6, CH-1726 Farvagny-le-Petit (CH). SCHLUNKE, Daniel [CH/CH]; Le Raffort 51, CH-1553 Châttonnaye (CH).
- (74) KOERNER, Gregory, J.; Simon & Koerner LLP, 10052 Pasadena Avenue, Suite B, Cupertino, CA 95014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01G 9/02
- (11) WO 2004/097869 (13) A2
- (21) PCT/US2004/012310
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/465,576 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METHOD OF FORMING SINTERED VALVE METAL MATERIAL
• PROCEDES DE FORMATION DE METAUX DE VALVES FRITES

(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) **MARIANI, Robert, D.** [US/US]; 209 Spring View Drive, Douglassville, PA 19518 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01G 9/052**

(11) **WO 2004/097870** (13) A1

(21) PCT/JP2004/006102

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 2003-123208 **28 Apr/avr 2003 (28.04.2003)** JP

(30) 60/467,152 **2 May/mai 2003 (02.05.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VALVE ACTING METAL SINTERED BODY, PRODUCTION METHOD THEREFOR AND SOLID ELECTROLYTIC CAPACITOR

• CORPS FRITTE METALLIQUE A EFFET DE SOUPAPE, SON PROCÉDE DE PRODUCTION ET CONDENSATEUR A ELECTROLYTE SOLIDE

(71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OMORI, Kazuhiro** [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP). **SHIBUYA, Yoshinori** [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP).

(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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01G 9/20**

(11) **WO 2004/097871** (13) A2

(21) PCT/CH2004/000262

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 03405306.6 **30 Apr/avr 2003 (30.04.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DYE SENSITIZED SOLAR CELL
• BATTERIE SOLAIRE SENSIBILISEE AU COLORANT

(71) **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)** [CH/CH]; SRI, CM-Ecublens, CH-1015 Lausanne (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANG, Peng** [CN/CH]; Chemin de Montelly 10, CH-1007 Lausanne (CH). **ZAKEERUDDIN, Shaik, Mohammad** [IN/CH]; Avenue Longemalle 12, CH-1020 Renens (CH). **GRAETZEL, Michael** [CH/CH]; Chemin de Marquisat 7a, CH-1025 St-Sulpice (CH).

(74) **GANGUILLET, Cyril et al.** / etc.; Abrema Agence Brevets et Marques, GangUILLET & Humphrey, Avenue du Théâtre 16, P.O. Box 2065, CH-1002 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 **H01H**

(11) **WO 2004/097872** (13) A2

(21) PCT/US2004/012400

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/423,170 **25 Apr/avr 2003 (25.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TEST INSTRUMENT FOR ARC FAULT CIRCUIT INTERRUPTERS
• INSTRUMENT D'ESSAI POUR INTER-RUPTEURS DE CIRCUIT DE DEFAUT D'ARC

(71) **IDEAL INDUSTRIES, INC.** [US/US]; Becker Place, Sycamore, IL 60178 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SMITH, Jeffrey, L.**; 3635 Sierra Morena Blvd., Carlsbad, CA 92008 (US).

(74) **BOCK, Joel, H.**; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Lt. d., 200 West Adams Street - Suite 2850, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01H**

(11) **WO 2004/097873** (13) A2

(21) PCT/US2004/012803

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) en (26) en

(30) 60/465,269 **25 Apr/avr 2003 (25.04.2003)** US

(30) 10/802,409 **16 Mar/mar 2004 (16.03.2004)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VACUUM ENCAPSULATION HAVING AN EMPTY CHAMBER
• ENCAPSULATION SOUS VIDE PRESENTANT UN COMPARTIMENT VIDE

(63) US 60/465,269 (CON)
25 Apr/avr 2003 (25.04.2003)
US Not furnished / non communiqué (CON)
16 Mar/mar 2004 (16.03.2004)

(71) **MCGRAW-EDISON COMPANY** [US/US]; 600 Travis, Suite 5800, Houston, TX 77002 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOVING, Paul, N.** [US/US]; 3010 East James Drive, Oak Creek, WI 53154 (US). **BESTEL, E., Fred** [US/US]; 12116 W. Verona Court, West Allis, WI 53227 (US).

(74) **HAYDEN, John, F.**; Fish & Richardson P.C., 1425 K Street, N.W., 11th Floor, Washington, DC 20005-3500 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	GMBH & CO. KG [DE/DE]; Dieselstrasse 27, 74211 Leingarten (DE). (for all designated States except / pour tous les États désignés sauf US)
(51) ⁷ H01H	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(72, 75) VON BEHR, Diedrich [DE/DE]; Adal- bert-Stifter-Str. 15, 91054 Erlangen (DE). BREDE, Uwe [DE/DE]; Boernerstr. 32, 90765 Fuerth (DE). KORDEL, Gerhard [DE/DE]; Florentiner Str.20, 90455 Nuern- berg-Kornburg (DE). NEUSER, Jürgen [DE/DE]; Eichenweg 9, 74252 Massenbach- hausen (DE). SEITZ, Wolfgang [DE/DE]; Heilbronner Strasse 132, 74211 Leingarten (DE). KNAUSS, Jürgen [DE/DE]; Burgstall- str. 17a, 90587 Obermichelbach (DE).
(11) WO 2004/097874 (13) A2	(51) ⁷ H01H 19/10	(74) SCHERZBERG, Andreas et al. ; Dynamit Nobel Aktiengesellschaft, Patente, Marken & Lizenzen, 53839 Troisdorf (DE).
(21) PCT/US2004/007156	(11) WO 2004/097876 (13) A1	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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.
(22) 9 Mar/mar 2004 (09.03.2004)	(21) PCT/DE2004/000479	(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(25) en (26) en	(22) 11 Mar/mar 2004 (11.03.2004)	(51) ⁷ H01H 71/02
(30) 10/424,256 25 Apr/avr 2003 US (25.04.2003)	(25) de (26) de	(11) WO 2004/097878 (13) A1
(43) 11 Nov/nov 2004 (11.11.2004)	(30) 103 19 383.9 30 Apr/avr 2003 DE (30.04.2003)	(21) PCT/EP2004/003536
(54) • UTILITY METER COVER	(43) 11 Nov/nov 2004 (11.11.2004)	(22) 2 Apr/avr 2004 (02.04.2004)
• BOITIER PROTECTEUR POUR COMP- TEURS DE SERVICES	(54) • ELECTRIC ROTARY SWITCH	(25) de (26) de
(71, 72) ALLEN, Mark [US/US]; 4520 Sale Lane, Lake Charles, LA 70605 (US).	• COMMUTATEUR ELECTRIQUE RO- TATIF	(30) 03009941.0 30 Apr/avr 2003 EP (30.04.2003)
(74) KEATY, Thomas, S. ; Keaty Professional Law Corporation, No. 2 Canal Street, 2140 World Trade Center, New Orleans, LA 70130 (US).	(71) DELPHI TECHNOLOGIES, INC. [US/US]; 5725 Delphi Drive, Troy, MI 48007 (US). (for all designated States except / pour tous les États désignés sauf US)	(43) 11 Nov/nov 2004 (11.11.2004)
(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.	(72, 75) RUDOLPH, Gerd [DE/DE]; Haupt- strasse 22, 55429 Aspisheim (DE). SCHWARZ, Sebastian [DE/DE]; Garten- strasse 17, 55546 Fürfeld (DE).	(54) • ELECTROMECHANICAL SWITCHING DEVICE
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(74) BECKER, Bernd ; Becker & AUE, Saar- landstrasse 66, 55411 Bingen (DE).	• APPAREIL DE COMMUTATION ELEC- TROMECHANIQUE
(51) ⁷ H01H 11/00, 13/14	(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.	(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). (for all designated States except / pour tous les États désignés sauf US)
(11) WO 2004/097875 (13) A1	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(72, 75) ECKERT, Gunther [DE/DE]; Am Dor- fweiher 8 A, 93142 Maxhütte-Haidhof (DE). LEITL, Wolfgang [DE/DE]; Schlenchenweg 19, 93173 Wenzelbach (DE).
(21) PCT/JP2004/005416	(51) ⁷ H01H 39/00	(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
(22) 15 Apr/avr 2004 (15.04.2004)	(11) WO 2004/097877 (13) A1	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(25) ja (26) ja	(21) PCT/EP2004/004377	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(30) 2003-122060 25 Apr/avr 2003 JP (25.04.2003)	(22) 26 Apr/avr 2004 (26.04.2004)	(51) ⁷ H01H 39/00
(43) 11 Nov/nov 2004 (11.11.2004)	(25) de (26) de	(11) WO 2004/097877 (13) A1
(54) • MULTICOLOR RESIN MOLDING COMPONENT FOR MOBILE APPA- RATUS	(30) 10319750.8 30 Apr/avr 2003 DE (30.04.2003)	(21) PCT/EP2004/004377
• COMPOSANT DE MOULAGE DE RESINE MULTICOLORE POUR APPA- REIL MOBILE	(30) 102004010745.9 5 Mar/mar 2004 DE (05.03.2004)	(22) 26 Apr/avr 2004 (26.04.2004)
(71) SUNARROW LIMITED [JP/JP]; 6-1, Hac- chobori 2-chome, Chuo-ku, Tokyo, 1040032 (JP). (for all designated States except / pour tous les États désignés sauf US)	(43) 11 Nov/nov 2004 (11.11.2004)	(25) de (26) de
(72, 75) YASUHARA, Takashi ; 6-1, Hacchobori 2-chome, Chuo-ku, Tokyo, 1040032	(54) • HOUSING CONFIGURATION FOR A PYROMECHANICAL DISCONNECT- ING DEVICE	(30) 10319750.8 30 Apr/avr 2003 DE (30.04.2003)
(74) TSUKUNI, Hajime ; SVAX TS Bldg., 22-12, Toranomom 1-chome, Minato-ku, Tokyo, 1050001 (JP).	• CONFIGURATION DU LOGEMENT D'UN DISPOSITIF DE COUPURE PY- ROMECHANIQUE	(30) 102004010745.9 5 Mar/mar 2004 DE (05.03.2004)
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ	(71) DYNAMIT NOBEL AIS GMBH [DE/DE]; Automotive Ignition Systems; Kronacher Strasse 63, 90765 Fürth (DE). GESSMANN	(43) 11 Nov/nov 2004 (11.11.2004)

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01J

(11) WO 2004/097879 (13) A2

(21) PCT/US2004/013048

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,015 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BRADBURY-NIELSEN GATE AND
METHOD OF FABRICATING SAME

• GRILLE DE TYPE BRADBURY-NIELSEN ET SON PROCÉDE DE FABRICATION

(71) THE JOHNS HOPKINS UNIVERSITY
[US/US]; 34th and Charles Street, Baltimore,
MD 21218 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHARLES, Harry, K., Jr. [US/US];
10500 Patuxent Ridge Way, Laurel, MD
20723-5718 (US). FRANCOMACARO,
Arthur, S. [US/US]; 853 Margo Court, El-
dersburg, MD 21784 (US). EDWARDS,
Richard, L. [US/US]; 8165 Orchard Point
Road, Pasadena, MD 21122 (US).

(74) ROCA, Benjamin, Y. et al. / etc.; The Johns
Hopkins University, Applied Physics Labora-
tory, 11100 Johns Hopkins Road, Laurel, MD
20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/34, 40/06

(11) WO 2004/097880 (13) A1

(21) PCT/RU2004/000174

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ru (26) ru

(30) 2003112800 29 Apr/avr 2003 RU
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE FOR PRODUCING PHOTO-
ELECTRONIC EMISSION IN VACUUM

• DISPOSITIF POUR GENERER UNE
EMISSION PHOTOELECTRONIQUE
DANS LE VIDE

(71, 72) BENEMANSKAYA, Galina Vadi-
movna [RU/RU]; ul. Orbeli, 12-54, St.Pe-
tersburg, 194223 (RU).

(72, 75) AFANASIEV, Igor Vasilievich
[RU/RU]; ul. Orbeli, 12-54, St.Peters-
burg, 194223 (RU). VIKHNIN, Valentin
Semenovich [RU/RU]; Severny pr.,
12-1-184, St.Petersburg, 194354 (RU).
FRANK-KAMENETSKAYA, Galina
Eduardovna [RU/RU]; ul. Komissara
Smirnova, 8-61, St.Petersburg, 194044 (RU).
SHMIDT, Natalya Mikhailovna [RU/RU];
ul. Cherkasova, 8-1-20, St.Petersburg,
195265 (RU).

(74) BELOV, Vladilen Ivanovich; FTI im. A.F.
Ioffe RAN, ul. Politekhnikeskaya, 26, St.Pe-
tersburg, 194021 (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).

Declarations / Déclarations :

(r) 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 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)

(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 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 H01J 3/00

(11) WO 2004/097881 (13) A2

(21) PCT/US2004/013243

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/425,924 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BEAM UNIFORMITY AND ANGULAR
DISTRIBUTION MEASUREMENT
SYSTEM

• SYSTEME DE MESURE DE
L'UNIFORMITE DU FAISCEAU ET
DE LA DISTRIBUTION ANGULAIRE

(71) AXCELIS TECHNOLOGIES INC.
[US/US]; 108 Cherry Hill Drive, Beverly,
Massachusetts 01915 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BENVENISTE, Victor [US/US]; 8
Harbor Heights, Gloucester, Massachusetts
01930 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/18, 33/04, 63/08

(11) WO 2004/097882 (13) A1

(21) PCT/EP2004/004563

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,619 30 Apr/avr 2003 US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEMBRANE, TRANSPARENT FOR
PARTICLE BEAMS, WITH IMPROVED
EMISSION OF ELECTROMAGNETIC
RADIATION

• MEMBRANE TRANSPARENTE POUR
DES FAISCEAUX DE PARTICULES, A
EMISSIVITE AMELIOREE DE RAYON-
NEMENT ELECTROMAGNETIQUE

(71) TUILASER AG [DE/DE]; Industriestrasse
15, 82110 Germering (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WIESER, Jochen [DE/DE]; Böhlaustr.
23, 81247 München (DE). ULRICH, An-
dreas [DE/DE]; Augsburgerstr. 17, 85221
Dachau (DE). DOLLINGER, Günther
[DE/DE]; Watzmannring 74, 85748 Garching
(DE).

(74) DÖRRIES, FRANK-MOLNIA &
POHLMAN; Triftstr. 13, 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).

Declaration / Déclaration :

(r) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H01J 9/00

(11) WO 2004/097883 (13) A2

(21) PCT/IB2004/050506

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101157.0 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF MANUFACTURING A
FIELD EMITTING ELECTRODE

• PROCEDE POUR FABRIQUER UNE
ELECTRODE A EMISSION DE CHAMP

(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) VINK, Teunis, J. [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).

(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).

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 H01J 9/02, 1/304

(11) WO 2004/097884 (13) A1

(21) PCT/IB2004/050508

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101158.8 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FIELD EMISSION DEVICE AND A
METHOD OF FORMING SUCH A DE-
VICE

• DISPOSITIF A EMISSION DE CHAMP
ET SON PROCEDE DE FORMATION

(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) VISSER, Hugo, M. [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
VERSCHUUREN, Marcus, A. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (NL). VINK, Teunis, J. [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).

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 H01J 23/10, 23/11, 25/50

(11) WO 2004/097885 (13) A1

(21) PCT/US2003/027276

(22) 29 Aug/août 2003 (29.08.2003)

(25) en (26) en

(30) 10/417,655 17 Apr/avr 2003 US
(17.04.2003)

(30) 10/643,405 19 Aug/août 2003 US
(19.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOW-NOISE, CROSSED-FIELD DE-
VICES SUCH AS A MICROWAVE
MAGNETRON HAVING AN AZ-
IMUTHALLY-VARYING AXIAL MAG-
NETIC FIELD AND MICROWAVE
OVEN UTILIZING SAME

• DISPOSITIFS A CHAMPS CROISES,
FAIBLE BRUIT, TELS QU'UN MA-
GNETRON A MICRO-ONDES PRE-
SENTANT UN CHAMP MAGNETIQUE
AXIAL A VARIATION AZIMUTALE ET
FOUR A MICRO-ONDES UTILISANT
LES DITS DISPOSITIFS

(63) US 10/417,655 (CON)
17 Apr/avr 2003 (17.04.2003)
US 10/643,405 (CIP)
19 Aug/août 2003 (19.08.2003)

(71) THE REGENTS OF THE UNIVERSITY
OF MICHIGAN [US/US]; 3003 S. State
Street, Ann Arbor, MI 48109 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NECULAES, Vasile, B. [RO/US]; 3535
Greenbrier Boulevard, Apartment 57B, Ann
Arbor, MI 48105 (US). GILGENBACH,
Ronald, M. [US/US]; 3651 Waldenwood
Drive, Ann Arbor, MI 48105 (US). LAU,
Yue-Ying [US/US]; 9012 Cherboung Drive,
Potomac, MD 20854 (US).

(74) SYROWIK, David, R. et al. / etc.; Brooks
Kushman, 1000 Town Center, Twenty-Sec-
ond Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC 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 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 AP (GH GM KE LS
MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ
BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NA NI NO NZ OM PG PH PL PT RO 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 H01J 29/00

(11) WO 2004/097886 (13) A2

(21) PCT/GB2004/001731

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309371.3 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • X-RAY TUBES
• TUBES A RAYONS X

(71) CRX LIMITED [GB/GB]; Unit 5, Riverside
Business Centre, Walnut Tree Close, Guild-
ford GU1 4UG (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORTON, Edward, James [GB/GB];
37 Banders Rise, Guildford, Surrey GU1 2SL
(GB). LUGGAR, Russell, David [GB/GB];
17 Dene Street Gardens, Dorking, Surrey
RH4 2DN (GB). DE ANTONIS, Paul
[GB/GB]; 3 Valve Drive, Horsham, West
Sussex RH12 2JU (GB).

(74) BARKER BRETTELL; 138 Hagley Road,
Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01J 29/86

(11) WO 2004/097887 (13) A1

(21) PCT/FR2004/050164

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fr (26) fr

(30) MI03A000854 29 Apr/avr 2003 IT
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FRONT FACE FOR A CATHODE RAY
TUBE
• FACE AVANT POUR TUBE A RAYONS
CATHODIQUES

(71) THOMSON Licensing S.A. [FR/FR]; 46,
quai Alphonse Le Gallo, F-92100 Boulogne
(FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DI DOMENICO, Gildo [IT/IT]; Via
Michelangelo, I-00034 Colleferro (IT). RO-
MANI, Paolo [IT/IT]; Via del Pontone, 46,

I-03018 Paliano (IT). BRIGANTI, Gian-
franco [IT/IT]; Via S. Agostino M-99B, I-
Carpinto Romano (IT).

(74) RUELLAN-LEMONNIER, Brigitte;
Thomson, European Patent Operations, 46,
quai Alphonse Le Gallo, F-92648 Boulogne
Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H01J 35/00

(11) WO 2004/097888 (13) A2

(21) PCT/GB2004/001732

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309374.7 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • X-RAY SOURCES
• SOURCES DE RAYONS X

(71) CXR LIMITED [GB/GB]; Unit 5, Riverside
Business Centre, Walnut Tree Close, Guild-
ford GU1 4UG (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORTON, Edward, James [GB/GB];
37 Banders Rise, Guildford, Surrey GU1 2SL
(GB). LUGGAR, Russell, David [GB/GB];
17 Dene Street Gardens, Dorking, Surrey
RH4 2DN (GB). DE ANTONIS, Paul
[GB/GB]; 3 Valve Drive, Horsham, West
Sussex RH12 2JU (GB).

(74) BARKER BRETTELL; 138 Hagley Road,
Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01J 35/00

(11) WO 2004/097889 (13) A2

(21) PCT/GB2004/001741

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en

(26) en

(30) 0309383.8 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • X-RAY TUBE ELECTRON SOURCES
• SOURCES D'ELECTRONS POUR
TUBES A RAYONS X

(71) CXR LIMITED [GB/GB]; Unit 5, Riverside
Business Centre, Walnut Tree Close, Guild-
ford GU1 4UG (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MORTON, Edward, James [GB/GB];
37 Banders Rise, Guildford, Surrey GU1 2SL
(GB). LUGGAR, Russell, David [GB/GB];
17 Dene Street Gardens, Dorking, Surrey
RH4 2DN (GB). DE ANTONIS, Paul
[GB/GB]; 3 Valve Drive, Horsham, West
Sussex RH12 2JU (GB).

(74) BARKER BRETTELL; 138 Hagley Road,
Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01J 37/00

(11) WO 2004/097890 (13) A2

(21) PCT/US2004/012468

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/423,289 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OBJECTIVE LENS ARRANGEMENT
FOR USE IN A CHARGED PARTICLE
BEAM COLUMN
• AGENCEMENT DE LENTILLES
D'OBJECTIF A UTILISER DANS UNE
COLONNE A FAISCEAU DE PARTI-
CULES CHARGEES

(71) APPLIED MATERIALS ISRAEL, LTD.
[IL/IL]; 8 Oppenheimer Street, 76236 Re-
hovot (IL).
(for all designated States except / pour tous
les États désignés sauf US ZW)

(71) APPLIED MATERIALS, INC. [US/US];
P.O. Box 450A, Santa Clara, CA 95052 (US).
(only for / seulement pour ZW)

(72, 75) PETROV, Igor [IL/IL]; Keren Havasod
Street, 18/16, 58483 Holon (IL).

(74) FAHMI, Tarek; 12400 Wilshire Boulevard,
Seventh Floor, Los Angeles, CA 90025-1030
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01J 49/00
- (11) WO 2004/097891 (13) A2
- (21) PCT/US2004/013821
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 60/467,162 29 Apr/avr 2003 US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DIRECT LIQUID INJECTION INLET TO A LASER PHOTOIONIZATION APPARATUS
- ORIFICE D'ENTREE D'INJECTION DIRECTE DE LIQUIDE POUR UN APPAREIL DE PHOTO-IONISATION LASER
- (71) SRI INTERNATIONAL [US/US]; 333 Ravenswood Avenue, Menlo Park, CA 94025 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OSER, Harald [DE/US]; Menlo Park, CA (US). COGGIOLA, Michael, J. [US/US]; Sunnyvale, CA (US). FARIS, Gregory, W. [US/US]; Menlo Park, CA (US). YOUNG, Steven, E. [US/US]; Mountain View, CA (US). CROSLEY, David, R. [US/US]; Palo Alto, CA (US).
- (74) SUYAT, Reginald, J.; 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 H01J 61/00
- (11) WO 2004/097892 (13) A2
- (21) PCT/IB2004/050541
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) en (26) en
- (30) 03101204.0 1 May/mai 2003 EP (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD OF MANUFACTURING A LAMP
- PROCEDE POUR FABRIQUER UNE LAMPE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WELTERS, Wilhelmus, J., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHUITEMAN, Marten, W. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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
- (11) WO 2004/097893 (13) A2
- (21) PCT/US2002/040105
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF RESTORING ENCAPSULATED INTEGRATED CIRCUIT DEVICES
- PROCEDE DE RESTAURATION DE DISPOSITIFS A CIRCUITS INTEGRES ENCAPSULES
- (71) SMITHS AEROSPACE, INC. [US/US]; Grand Rapids Division, 3290 Patterson Avenue, S.E., Grand Rapids, MI 49512-1991 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VISSER, Timothy, Calvin [US/US]; 4260 Redbush Drive S.W., Grandville, MI 49418 (US). UHL, Gary, Michael [US/US]; 4546 Sutton Place, Grandville, MI 49418 (US).

- (74) VISSERMAN, Peter; Varnum, Riddering, Schmidt & Howlett LLP, Bridgewater Place, P.O. Box 352, Grand Rapids, MI 49501-0352 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L
- (11) WO 2004/097894 (13) A2
- (21) PCT/US2003/026322
- (22) 22 Aug/août 2003 (22.08.2003)
- (25) en (26) en
- (30) 60/407,195 28 Aug/août 2002 US (28.08.2002)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SELF-ORGANIZED NANOPORE ARRAYS WITH CONTROLLED SYMMETRY AND ORDER
- JEU ORDONNE D'ECHANTILLONS NANOPOREUX AUTO-ORGANISE, A SYMETRIE ET A ORDRE REGULES
- (71) UNIVERSITY OF PITTSBURGH [US/US]; 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Hong, Koo [US/US]; 348 Benedum Hall, c/o University of Pittsburgh, 3700 O'Hara Street, Pittsburgh, PA 15261 (US). SUN, Zhijun - [CN/US]; -, 348 Benedum Hall, c/o University of Pittsburgh, Pittsburgh, PA 15261, - (US).
- (74) BENT, Stephen, A. et al. / etc.; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, DC 20007-5101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 H01L
- (11) WO 2004/097895 (13) A2
- (21) PCT/US2004/011867
- (22) 16 Apr/avr 2004 (16.04.2004)

- (25) en (26) en
(30) 10/426,148 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METHOD OF ADDING MASS TO MEMS STRUCTURES
• PROCEDE D'AJOUT DE VOLUME A DES STRUCTURES DE SYSTEMES MECANQUES MICROELECTRIQUES
- (71) **FREESCALE SEMICONDUCTOR, INC.** [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCNEIL, Andrew, C.** [US/US]; 2031 N. 66th Street, Scottsdale, AZ 85257 (US). **LI, Gary** [US/US]; 1716 E. Cullumber Street, Gilbert, AZ 85234 (US). **O'BRIEN, Gary, J.** [US/US]; 463 W. San Remo Street, Gilbert, AZ 85233 (US).
- (74) **KING, Robert, L.** et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097897** (13) A2
- (21) PCT/US2004/012239
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 10/424,207 **24 Apr/avr 2003** US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHODS FOR DEPOSITING POLY-CRYSTALLINE FILMS WITH ENGINEERED GRAIN STRUCTURES
• PROCEDES POUR DEPOSER DES FILMS POLYCRISTALLINS AYANT DES STRUCTURES GRANULAIRES FAÇONNEES
- (71) **ASM AMERICA, INC.** [US/US]; 3440 East University Drive, Phoenix, AZ 85034-7200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TODD, Michael, A.** [US/US]; 7041 N. 14th Place, Phoenix, AZ 85020 (US). **WEEKS, Keith, D.** [US/US]; 438 S. Grand, Mesa, AZ 85210 (US).
- (74) **ALTMAN, Daniel, E.**; 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H01L**
- (11) **WO 2004/097896** (13) A2
- (21) PCT/US2004/011873
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) PI20031587 **26 Apr/avr 2003** MY
(26.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A PACKAGED INTEGRATED CIRCUIT HAVING A HEAT SPREADER AND METHOD THEREFOR
• CIRCUIT DE MONTAGE DE CIRCUIT INTEGRE COMPORTANT UN DISSIPATEUR THERMIQUE ET PROCEDE DE MISE EN OEUVRE
- (71) **FREESCALE SEMICONDUCTOR, INC.** [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHOPIN, Shelia, F.** [US/US]; 1110 Briargate, Austin, TX 78753 (US). **HARPER, Peter, R.** [US/US]; 1903 Blackjack Cove, Roundrock, TX 78681 (US). **MONTES DE OCA, Jose, A.** [US/US]; 770 N. IH-35 #132, New Braunfels, TX 78130 (US). **TAN, Kim Heng** [MY/MY]; 167 Jin Athinahapan Satu, Kuala Lumpur, 60000 (MY). **TAN, Lan Chu**
- [MY/MY]; WW10-7 Regency Condo Jalan Pelangi, Klang, Selangor, 41300 (MY).
- (25) en (26) en
(30) 10/425,275 **29 Apr/avr 2003** US
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FUSE AND METHOD FOR FORMING
• FUSIBLE ET PROCEDE DE FORMATION
- (71) **FREESCALE SEMICONDUCTOR, INC.** [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LI, Chi Nan Brian** [CN/US]; 6909 Gentle Oak Drive, Austin, TX 78749 (US). **HOEFLE, Alexander, B.** [DE/US]; 2603 Rae Dell Avenue, #4, Austin, TX 78704 (US). **LIN, Der-Gao** [US/US]; 10105 Kistler Cove, Austin, TX 78759 (US).
- (74) **KING, Robert, L.** et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, Texas 78729 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097899** (13) A2
- (21) PCT/US2004/012879
- (22) **27 Apr/avr 2004 (27.04.2004)**
- (25) en (26) en
- (30) 10/425,896 **28 Apr/avr 2003** US
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • WAFER CARRIER PIVOT MECHANISM
• MECANISME DE PIVOTEMENT POUR SUPPORT DE TRANCHE
- (71) **STRASBAUGH** [US/US]; 825 Buckley Road, San Luis Obispo, CA 93401 (US).
- (72) **WALSH, Thomas, A.**; 825 Buckley Road, San Luis Obispo, CA 93401 (US). **KALENIAN, William, J.**; 825 Buckley Road, San Luis Obispo, CA 93401 (US).
- (74) **CROCKETT, David, K.**; Crockett & Crockett, 24012 Calle de la Plata, Suite 400, Laguna Hills, 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 H01L

(11) WO 2004/097900 (13) A2

(21) PCT/US2004/012933

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/422,878 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SINTERED GROOVED WICK WITH PARTICLE WEB

• MECHE RAINUREE FRITTEE AVEC BANDE DE PARTICULE

(71) THERMAL CORP. [US/US]; First State Plaza, 1608 West Newport Pike, Stanton, DE 19804 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARNER, Scott, D. [US/US]; 28 Troy Drive, Lititz, PA 17543 (US). LINDEMUTH, James, E. [US/US]; 609 Wickshire Circle, Lititz, PA 17453 (US). TOTH, Jérôme, E. [US/US]; 493 Lincoln Avenue, Hatboro PA 19040 (US). ROSENFELD, John, H. [US/US]; 2310 Chestnut View Drive, Lancaster, PA 17603 (US). MINERLY, Kenneth, G. [US/US]; 234 Silverwood Drive, Lititz, PA 17543 (US).

(74) APICELLI, Samuel, W. et al. / etc.; 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).

(51)⁷ H01L

(11) WO 2004/097901 (13) A2

(21) PCT/US2004/013027

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,260 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPIN FILTER SYSTEM

• SYSTEME DE FILTRE PAR ROTATION

(71) AMPHION INTERNATIONAL LIMITED [US/US]; c/o Lance Cutsforth, 1222 Munro Ave., Columbus, GA 31906 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADAMS, Billy, J. [US/US]; 1415 1/2 Gordon Court, Columbus, GA 31906 (US).

(74) LUDWIG, Peter, S. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097902 (13) A2

(21) PCT/US2004/013128

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,307 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARRANGEMENTS FOR REDUCING WAVELENGTH SENSITIVITY IN PRISM-COUPLED SOI-BASED OPTICAL SYSTEMS

• MONTAGE PERMETTANT DE REDUIRE LA SENSIBILITE AUX LONGUEURS D'ONDE DANS DES SYSTEMES OPTIQUES A BASE DE SILICIUM SUR ISOLANT COUPLES AVEC UN PRISME

(71) SIOPTICAL, INC. [US/US]; 7540 Windsor Drive, Lower Level 1, Allentown, PA 18195 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GHIRON, Margaret [US/US]; 1875 Sherwood Road, Allentown PA 18103 (US). GOTHOSKAR, Prakash [IN/US]; 6749 Winder mere Court, Allentown, PA 18104 (US). MONTGOMERY, Robert, Keith [US/US]; 810 Howe Street, Easton, PA 18040 (US). PATEL, Vipulkumar [US/US]; 607 Falcongate Drive, Monmouth Junction, NJ 08852 (US). PATHAK, Soham [US/US]; 6099 Palomino Drive, Allentown, PA 18106 (US). SHASTRI, Kalpendu [US/US]; 5529 Willow Way, Orefield, PA 18069 (US). YANUSHEFSKI, Katherine, A. [US/US]; 7487 Stein Road, Zionsville, PA 18092 (US).

(74) KOBAYASHI, Wendy, W.; P.O. Box 556, Springtown, 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).

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) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097903 (13) A2

(21) PCT/US2004/013642

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,816 29 Apr/avr 2003 US (29.04.2003)

(30) 10/705,059 10 Nov/nov 2003 US (10.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SINGLE TOOL DEFECT CLASSIFICATION SOLUTION

• SOLUTION POUR LA CLASSIFICATION DES DEFAUTS D'UN OUTIL UNIQUE

(71) KLA-TENCOR TECHNOLOGIES CORPORATION [US/US]; One Technology Drive, Milpitas, CA 95035 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOTH, Gabor, D. [HU/US]; 1634 Tupolo Drive, San Jose, CA 95124 (US). BAKKER, David, R. [US/US]; 19978 Rodriguez Avenue, Cupertino, CA 95014 (US).

(74) OLYNICK, Mary, R.; Beyer Weaver & Thomas, LLP, P.O. BOX 778, Berkeley, CA 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 2004/097904 (13) A2

(21) PCT/US2004/009302

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/423,571 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD OF REDUCING DIE ATTACH STRESS AND STRAIN

• SYSTEME ET METHODE DE REDUCTION DE TENSION ET DE CONTRAINTE DE FIXATION DE DE

(71) POWER-ONE LIMITED; P. O. Box 31106 SMB, Corporate Centre, West Bay Road, Grand Cayman (KY).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAXWELL, John, Alan [US/US]; 1120 Pan Court, Newbury Park, California 91320 (US). DIVAKAR, Mysore, Purushotham [IN/US]; 1075 Big Sur Drive, San Jose, California 95120 (US). TEMPLETON, Thomas, Henry Jr. [US/US]; 40759 Robin Street, Fremont, California 94538 (US).

(74) BERLINER, Brian, M.; O'MELVENY & MYERS LLP, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097905 (13) A2

(21) PCT/US2004/009310

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/423,603 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DC-DC CONVERTER IMPLEMENTED IN A LAND GRID ARRAY PACKAGE

• CONVERTISSEUR CC-CC SOUS BOITIER LGA

(71) POWER-ONE LIMITED; P. O. Box 31106 SMB, Corporate Centre, West Bay Road, Grand Cayman (KY).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIVAKAR, Mysore, Purushotham [IN/US]; 1075 Big Sur Drive, San Jose, CA 95120 (US). KEATING, David [GB/IE]; 1 Churchill Meadows, Raheen, Limerick (IE). RUSSELL, Antoin [GB/IE]; Rocklands, Coolreiry, Castleconnell, Co., Limerick (IE).

(74) BERLINER, Brian, M.; O'Melveny & Myers LLP, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097906 (13) A2

(21) PCT/US2004/009393

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/466,128 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEMI-PERMANENT REFERENCE ELECTRODE

• ELECTRODE DE REFERENCE SEMI-PERMANENTE

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra, San Antonio, TX 78228 (US).

(72) DUNN, Darrell, S.; 7335 Arbeth Place, San Antonio, TX 78250 (US). BROSSIA, Christopher, Sean; 21527 Rio Colorado, San Antonio, TX 78259 (US).

(74) LEE, Ted, D.; Gunn, Lee & Hanor, P.C., Suite 1500, 700 N. St. Mary's Street, San Antonio, TX 78205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097907 (13) A2

(21) PCT/DE2004/000865

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 995.5 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE PRODUCTION OF PERMEABLE MEMBRANES FROM SEMICONDUCTOR MATERIALS USING MACRO- AND MICRO-PORE ETCHING

• PROCEDE DE PRODUCTION DE MEMBRANES PERMEABLES A PARTIR DE MATERIAUX SEMICONDUCTEURS PAR GRAVURE DE MACRO-ET MICROPORES

(71) CHRISTIAN-ALBRECHTS-UNI VERSITÄT ZU KIEL [DE/DE]; Olshausenstrasse 40, 24118 Kiel (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOELL, Helmut [DE/DE]; Kitzberger Weg 8, 24248 Moenkeberg (DE). CARSTENSEN, Juergen [DE/DE]; Heintzestrasse 1, 24143 Kiel (DE). CHRISTOPHERSEN, Marc [DE/US]; 8230 Gradington Dr., Westerville, OH 43081-8964 (US).

(74) BIEHL, Christian; c/o Boehmert & Boehmert, Niemannsweg 133, 24105 Kiel (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 H01L 21/00

(11) WO 2004/097908 (13) A1

(21) PCT/EP2004/003901

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 19 521.1 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR PROCESSING DISCOID SUBSTRATES

• PROCEDE ET DISPOSITIF PERMETTANT LE TRAITEMENT DE SUBSTRATS EN FORME DE DISQUE

(71) SCP GERMANY GMBH [DE/DE]; Carl-Benz-Strasse 10, 72124 Pliezhausen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Hanspeter [DE/DE]; Falkenstrasse 18, 78194 Immendingen (DE). ASWEGE, Lutz [DE/DE]; Waldhäuser Strasse 26, 72076 Tübingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097909 (13) A2
(21) PCT/US2004/011162
(22) 12 Apr/avr 2004 (12.04.2004)
(25) en (26) en
(30) 60/464,959 24 Apr/avr 2003 US
(24.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD AND SYSTEM FOR DEEP
TRENCH SILICON ETCH
• PROCEDE ET SYSTEME DE GRA-
VURE DE SILICIUM EN TRANCHEES
PROFONDES
(71) TOKYO ELECTRON LIMITED [JP/JP];
TBS Broadcast Center, 3-6 Akasaka 5-chome,
Minato-ku, Tokyo 107 (JP). INTERNA-
TIONAL BUSINESS MACHINES COR-
PORATION [US/US]; New Orchard Road,
Armonk, NJ 10504 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) PANDA, Siddhartha [IN/US]; 15 Van
Horn Circle, #C, Beacon, NY 12508 (US).
MOSDEN, Aelan [US/US]; 3 Justbrand
Lane, Poughkeepsie, NY 12603 (US). WISE,
Rich [US/US]; 429 Sandgate Drive, New
Windsor, NY 12553 (US). SUGIYAMA,
Kenro [JP/US]; 1200 Massachussets Av-
enue, #49W, Cambridge, MA 02138 (US).
CAMILLE, Joseph, Gregory [US/US]; 5
Phyllis Drive, Wappingers Falls, NY 12590
(US).
- (74) DARLING, John, P. et al. / etc.; Pillsbury
Winthrop LLP, P.O. Box 10500, McLean, VA
22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097910 (13) A2
(21) PCT/US2004/011737
(22) 16 Apr/avr 2004 (16.04.2004)
(25) en (26) en
(30) 10/425,861 29 Apr/avr 2003 US
(29.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • MULTI-STABLE MICRO ELECTRO-
MECHANICAL SWITCHES AND
METHODS OF FABRICATING SAME
• COMMUTATEURS ELECTROMECA-
NIQUES MULTI-STABLES ET PRO-
CEDES DE FABRICATION DE CES
COMMUTATEURS
- (71) MEDTRONIC, INC. [US/US]; MS LC340,
710 Medtronic Parkway, Minneapolis, MI
55432 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) RECEVEUR, Rogier [NL/NL]; Wil-
helminassingel 44A, NL-6221 BK Maastricht
(NL). HABETS, Philippe [NL/NL]; Tacit-
ushop 21, NL-6215 EH Maastricht (NL).
DANZL, Ralph, B. [US/US]; 1601 East
West Wind Way, Tempe, AZ 85283 (US).
HOUBEN, Richard, P. M. [BE/BE]; Henri
Dunanstraat 112, B-3620 Lanaken (BE).
MATTE, Michael, F. [US/US]; 2173 east
Kempston Road, Chandler, AZ 85225 (US).
- (74) SOLDNER, Michael, et al. / etc.; MS
LC340, 710 Medtronic Parkway, Minneap-
olis, MI 55432 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
-
- (51)⁷ H01L 21/027, G03F 7/20, G02B 13/24
(11) WO 2004/097911 (13) A1
(21) PCT/JP2004/005957
(22) 23 Apr/avr 2004 (23.04.2004)
(25) ja (26) ja
(30) 2003-126091 1 May/mai 2003 JP
(01.05.2003)
(30) 2003-418614 16 Dec/déc 2003 JP
(16.12.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • PROJECTION OPTICAL SYSTEM,
EXPOSURE APPARATUS, AND EXPO-
SURE METHOD
• SYSTEME OPTIQUE DE PROJEC-
TION ET APPAREIL ET PROCEDE
D'EXPOSITION
(71) NIKON CORPORATION [JP/JP]; 2-3,
Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8331 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) OMURA, Yasuhiro [JP/JP]; c/o
Nikon Corporation, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
IKEZAWA, Hironori [JP/JP]; c/o Nikon
Corporation, 2-3, Marunouchi 3-chome,
Chiyoda-ku, Tokyo 100-8331 (JP). ISHIDA,
Kumiko [JP/JP]; c/o Nikon Corporation, 2-3,
Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8331 (JP).
- (74) YAMAGUCHI, Takao; Daiichi Bldg., 10,
Kanda-tsukasacho 2-chome, Chiyoda-ku,
Tokyo 101-0048 (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ H01L 21/205, 21/68, C23C 16/44
(11) WO 2004/097912 (13) A1
(21) PCT/JP2004/006313
(22) 30 Apr/avr 2004 (30.04.2004)
(25) ja (26) ja
(30) 2003-126960 2 May/mai 2003 JP
(02.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • SUBSTRATE TRANSFER DEVICE OF
THIN-FILM FORMING APPARATUS
• DISPOSITIF DE TRANSFERT DE SUB-
STRAT D'UN APPAREIL DE FORMA-
TION DE COUCHES MINCES
(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) YAMASAKI, Shusaku [JP/JP]; c/o
Ishikawajima-Harima Heavy Industries Co.,
Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku,
Tokyo, 1008182 (JP). HASEGAWA, Noriaki
[JP/JP]; c/o Ishikawajima-Harima Heavy In-
dustries Co., Ltd., 2-1, Ohtemachi 2-chome,
Chiyoda-ku, Tokyo, 1008182 (JP).
- (74) YAMADA, Tsunemitsu et al. / etc.; 2nd Ya-
hagi Bldg., 5-3, Uchikanda 3-chome, Chiy-
oda-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 H01L 21/205, 21/31, 31/04, C23C 16/46
(11) WO 2004/097913 (13) A1
(21) PCT/JP2004/006317
(22) 30 Apr/avr 2004 (30.04.2004)
(25) ja (26) ja
(30) 2003-126961 2 May/mai 2003 JP (02.05.2003)
(30) 2004-079964 19 Mar/mar 2004 JP (19.03.2004)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • VACUUM FILM-FORMING APPARATUS, VACUUM FILM-FORMING METHOD AND SOLAR BATTERY MATERIAL
• APPAREIL DE FORMATION DE COUCHES SOUS VIDE, PROCEDE DE FORMATION DE COUCHES SOUS VIDE ET MATERIAU DE BATTERIE SOLAIRE
(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) YAMASAKI, Shusaku [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1008182 (JP). HASEGAWA, Noriaki [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1008182 (JP). MIZUNO, Masayuki [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1008182 (JP).
(74) YAMADA, Tsunemitsu et al. / etc.; 2nd Yahagi Bldg. 5-3, Uchikanda 3-chome, Chiyoda-ku, Tokyo, 1010047 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 21/265
(11) WO 2004/097914 (13) A1
(21) PCT/JP2004/005649
(22) 20 Apr/avr 2004 (20.04.2004)
(25) ja (26) ja
(30) 2003-122240 25 Apr/avr 2003 JP (25.04.2003)
(30) 2003-144624 22 May/mai 2003 JP (22.05.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE
• PROCEDE DE PRODUCTION D'UN DISPOSITIF A SEMI-CONDUCTEUR
(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) FUJIKAWA, Kazuhiro [JP/JP]; c/o Osaka Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (JP). HARADA, Shin [JP/JP]; c/o Osaka Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (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 VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 21/288, 21/3205, 29/786, 21/027, B05D 1/26, B05C 5/00
(11) WO 2004/097915 (13) A1
(21) PCT/JP2004/005393
(22) 15 Apr/avr 2004 (15.04.2004)
(25) ja (26) ja
(30) 2003-121638 25 Apr/avr 2003 JP (25.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • DROPLET DISCHARGING DEVICE, METHOD FOR FORMING PATTERN AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE
• DISPOSITIF DE DECHARGE DE GOUTTELETTES, PROCEDE DE FORMATION DE MOTIFS ET PROCEDE DE PRODUCTION D'UN DISPOSITIF A SEMI-CONDUCTEUR
(71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD. [JP/JP]; 398, Hase Atsugi-shi, Kanagawa 2430036 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NAKAMURA, Osamu [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase Atsugi-shi, Kanagawa 2430036 (JP). YAMAZAKI, Shunpei [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase Atsugi-shi, Kanagawa 2430036 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 21/301, 21/3205
(11) WO 2004/097916 (13) A1
(21) PCT/JP2003/005514
(22) 30 Apr/avr 2003 (30.04.2003)
(25) ja (26) ja
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD FOR FABRICATING SEMICONDUCTOR DEVICE, SEMICONDUCTOR WAFER AND SEMICONDUCTOR DEVICE
• PROCEDE POUR REALISER UN DISPOSITIF SEMI-CONDUCTEUR, TRANCHE DE SEMI-CONDUCTEUR ET DISPOSITIF 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) OTSUKA, Satoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Tohsei Bldg., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).
(81) CN JP KR US.
- (51)⁷ H01L 21/301, 21/3205
(11) WO 2004/097917 (13) A1
(21) PCT/JP2004/000583
(22) 23 Jan/jan 2004 (23.01.2004)
(25) ja (26) ja
(30) PCT/JP03/05514 30 Apr/avr 2003 JP (30.04.2003)
(43) 11 Nov/nov 2004 (11.11.2004)
(54) • METHOD FOR FABRICATING SEMICONDUCTOR DEVICE, SEMICONDUCTOR WAFER AND SEMICONDUCTOR DEVICE
• PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEUR, TRANCHE SEMI-CONDUCTRICE ET DISPOSITIF A SEMI-CONDUCTEUR
(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OTSUKA, Satoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **TAKAHASHI, Keishiro**; TAKAHASHI & KITAYAMA, Okachimachi Tohsei Bldg., 4th Fl., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/306

(11) WO 2004/097918 (13) A1

(21) PCT/JP2004/006286

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126107 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ETCHING LIQUID, REMOVER LIQUID AND ETCHING METHOD

• LIQUIDE DE GRAVURE, LIQUIDE DE-CAPANT ET PROCEDE DE GRAVURE

(71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMIYA, Fumihiko** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **KEZUKA, Takehiko** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **NAKAMURA, Shingo** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **TAKASHI** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **ITANO, Mitsushi** [JP/JP]; c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP).

(74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/3065

(11) WO 2004/097919 (13) A1

(21) PCT/JP2004/006165

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-127201 2 May/mai 2003 JP (02.05.2003)

(30) 2003-180865 25 Jun/juin 2003 JP (25.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESS GAS INTRODUCING MECHANISM AND PLASMA PROCESSING DEVICE

• MECANISME D'INTRODUCTION DE GAZ DE TRAITEMENT ET DISPOSITIF DE TRAITEMENT AU PLASMA

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMAISHI, Takayuki** [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 4070192 (JP). **SHIMAMURA, Akinori** [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 4070192 (JP). **MORISHIMA, Masato** [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 4070192 (JP).

(74) **TAKAYAMA, Hiroshi**; 6th Floor, Shin-Yokohama IC Building, 18-9, 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 H01L 21/312, 21/316, 21/31

(11) WO 2004/097920 (13) A1

(21) PCT/JP2004/005627

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-121586 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR TREATING ORGANOSILOXANE COATING FILM

• PROCEDE ET APPAREIL POUR TRAITER UN FILM DE REVETEMENT ORGANOSILOXANE

(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) **HISHIYA, Shingo** [JP/JP]

(74) **SUZUYE, Takehiko** et al. / etc.; c/o Suzuye & Suzuye 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/316

(11) WO 2004/097921 (13) A1

(21) PCT/JP2004/005251

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003-121587 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR PROCESSING ORGANOSILOXANE FILM
• PROCEDE ET APPAREIL DE TRAITEMENT D'UNE COUCHE MINCE D'ORGANOSILOXANE

(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) **HISHIYA, Shingo** [JP/JP]

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/318, 29/78

(11) WO 2004/097922 (13) A1

(21) PCT/JP2003/005561

(22) 30 Apr/avr 2003 (30.04.2003)

- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PRODUCTION METHOD FOR SEMI-CONDUCTOR DEVICE
- PROCEDE DE PRODUCTION D'UN DISPOSITIF A SEMI-CONDUCTEUR
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HORI, Mitsuaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Toh-sei Bldg., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).
- (81) CN JP US.
-
- (51)⁷ H01L 21/3205, 21/768
- (11) WO 2004/097923 (13) A1
- (21) PCT/JP2003/005506
- (22) 30 Apr/avr 2003 (30.04.2003)
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR FABRICATING SEMI-CONDUCTOR DEVICE
- PROCEDE DE FABRICATION D'UN 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) TAKIGAWA, Yukio [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHIMIZU, Noriyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUZUKI, Toshiya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWABE, Hajime [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) JP US.

-
- (51)⁷ H01L 21/331, 29/737, 29/205
- (11) WO 2004/097924 (13) A1
- (21) PCT/JP2004/005016
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) ja (26) ja
- (30) 2003-124374 28 Apr/avr 2003 JP (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • COMPOUND SEMICONDUCTOR EPI-TAXIAL SUBSTRATE

- SUBSTRAT ÉPITAXIAL À COMPOSÉ SEMI-CONDUCTEUR
- (71) SUMITOMO CHEMICAL COMPANY LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5418550 (JP). SUMIKA EPI SOLUTION COMPANY LTD. [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo, 1048260 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMADA, Hisashi [JP/JP]; 98-608, Daijuku, Sodegaura-shi, Chiba, 2990241 (JP). OSADA, Takenori [JP/JP]; 1-9-331, Yushudainishi, Ichihara-shi, Chiba, 2990125 (JP). FUKUHARA, Noboru [JP/JP]; 3-9-10, Matsushiro, Tsukuba-shi, Ibaraki, 3050035 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 21/318
- (11) WO 2004/097925 (13) A1
- (21) PCT/JP2004/006213
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) PCT/JP03/05561 30 Apr/avr 2003 JP (30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE
- PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR
- (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) HORI, Mitsuaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 2118588 (JP).
- (74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA 4th Fl., Okachimachi Toh-sei Bldg., 3-12-1, Taito, Taito-ku, Tokyo, 1100016 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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
- (11) WO 2004/097926 (13) A1
- (21) PCT/US2004/004982
- (22) 19 Feb/fév 2004 (19.02.2004)
- (25) en (26) en
- (30) 10/422,130 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SILICON CARBIDE POWER DEVICES WITH SELF-ALIGNED SOURCE AND WELL REGIONS AND METHODS OF FABRICATING SAME
- DISPOSITIFS DE PUISSANCE EN CARBURE DE SILICIUM DOTES DE REGIONS DE SOURCE ET DE Puits A ALIGNEMENT AUTOMATIQUE, ET PROCEDES DE FABRICATION DE TELS DISPOSITIFS
- (71) CREE INC. [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RYU, Sei-Hyung [US/US]; 123 Louben Valley Court, Cary, NC 27513 (US).
- (74) MYERS BIGEL SIBLEY & SAJOVEC P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L 21/68, B01J 3/02
- (11) WO 2004/097927 (13) A1
- (21) PCT/JP2004/006162
- (22) 28 Apr/avr 2004 (28.04.2004)
- (25) ja (26) ja
- (30) 2003-123792 28 Apr/avr 2003 JP (28.04.2003)
- (30) 2003-273267 11 Jul/juil 2003 JP (11.07.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PURGING APPARATUS AND PURGING METHOD
- APPAREIL DE PURGE ET PROCEDE DE PURGE
- (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) MIYAJIMA, Toshihiko [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). IGARASHI, Hiroshi [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). SUZUKI, Hitoshi [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/68

(11) WO 2004/097928 (13) A1

(21) PCT/KR2004/000898

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ko (26) en

(30) 20-2003-0013461 30 Apr/avr 2003 KR (30.04.2003)

(30) 10-2003-0034869 30 May/mai 2003 KR (30.05.2003)

(30) 10-2004-0017767 16 Mar/mar 2004 KR (16.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SUPPORT HOLDER OF THE SUBSTRATE AND DEVICE FOR CENTERING OR FEEDING USING THE SAME
• SUPPORT DE MAINTIEN DU SUBSTRAT ET SUBSTRAT ET DISPOSITIF DE CENTRAGE OU D'ALIMENTATION UTILISANT CE SUPPORT

(71, 72) LEE, Sang-Ki [KR/KR]; Room 202, Business Incubator Center, Daejeon Polytechnic College, 99-1, Gayang 2-dong, Dong-gu, Daejeon City 300-702 (KR). KANG, Chan-Sik [KR/KR]; Room 202, Business Incubator Center, Daejeon Polytechnic College, 99-1, Gayang 2-dong, Dong-gu, Daejeon City 300-702 (KR). KA, Mi-Da [KR/KR]; Room 202, Business Incubator Center, Daejeon Polytechnic College, 99-1 Gayang 2-Dong, Dong-gu, Daejeon City 300-702 (KR).

(74) KWON, Oh-Sik et al. / etc.; Room 401, Joeeun Leaderstel, 921 Dunsan-Dong, Seo-Gu, Daejeon City 302-120 (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 H01L 21/768, 21/288, C25D 21/04, 7/12, C25F 7/00, C23C 18/16

(11) WO 2004/097929 (13) A2

(21) PCT/GB2004/001739

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/425,782 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR REDUCTION OF DEFECTS IN WET PROCESSED LAYERS
• PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LES DEFAUTS DANS DES COUCHES TRAITEES PAR VOIE HUMIDE

(71) NUTOOL, INC. [US/US]; 1655 McCandless Drive, Milpitas, CA 95035 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UZOH, Cyprian, E. [NG/US]; 3928 Thompson Creek Court, San Jose, CA 95135 (US). BASOL, Bulent, M. [US/US]; 3001 Maple Avenue, Manhattan Beach, CA 90266 (US).

(74) BROWNE, Robin, F.; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 21/28, 27/146

(11) WO 2004/097930 (13) A1

(21) PCT/JP2003/005456

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME
• DISPOSITIF À SEMI-CONDUCTEUR ET PROCÉDÉ 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) OHKAWA, Narumi [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) CN JP KR US.

(51)⁷ H01L 21/768, 21/318

(11) WO 2004/097931 (13) A1

(21) PCT/JP2003/005458

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR FABRICATING SEMI-CONDUCTOR DEVICE
• PROCÉDÉ DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INOUE, Kengo [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) CN JP US.

(51)⁷ H01L 21/768, 21/288

(11) WO 2004/097932 (13) A2

(21) PCT/US2003/041181

(22) 22 Dec/déc 2003 (22.12.2003)

(25) en (26) en

(30) 103 19 135.6 28 Apr/avr 2003 DE (28.04.2003)

(30) 10/666,195 19 Sep/sep 2003 US (19.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF ELECTROPLATING COPPER OVER A PATTERNED DIELECTRIC LAYER TO ENHANCE PROCESS UNIFORMITY OF A SUBSEQUENT CMP PROCESS
• PROCEDE DE GALVANOPLASTIE DU CUIVRE SUR UNE COUCHE DIELECTRIQUE FORMEE POUR L'AMELIORATION DE L'UNIFORMITE D'UN PROCESSUS DE POLISAGE CHIMICO-MECANIQUE SUBSEQUENT

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) MARXSEN, Gerd, Franz; Wettinstr. 10, 01445 Radebeul (DE). PREUSSE, Axel; Humboldtstr. 3, 01445 Radebeul (DE). NOPPER, Markus; Virchowstrasse 31, 01129

- Dresden (DE). MAUERSBERGER, Frank; HoflossnitzStr. 2e, 01445 Radebeul (DE).
- (74) DRAKE, Paul, E.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL 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 H01L 23/00
- (11) WO 2004/097933 (13) A2
- (21) PCT/US2004/012443
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/465,316 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND APPARATUS FOR OPTICALLY ALIGNING INTEGRATED CIRCUIT DEVICES
- PROCEDE ET DISPOSITIF DESTINES A L'ALIGNEMENT OPTIQUE DE DISPOSITIFS A CIRCUITS INTEGRES
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOSNYAK, Robert J. [US/US]; 2423 North 29th Street, Tacoma, WA 98407 (US). DROST, Robert, J. [US/US]; 112 Montelena Court, Mountain View, CA 94040 (US).
- (74) PARK, A. Richard; 508 Second St., Suite 201, Davis, CA 95616 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L 23/373
- (11) WO 2004/097934 (13) A2
- (21) PCT/GB2004/001886
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 0310093.0 1 May/mai 2003 GB (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AN ENCASED THERMAL MANAGEMENT DEVICE AND METHOD OF MAKING SUCH A DEVICE
- DISPOSITIF DE GESTION DE LA TEMPERATURE ENROBE ET SON PROCEDE DE FABRICATION
- (71) QUEEN MARY & WESTFIELD COLLEGE [GB/GB]; Mile End Road, London E1 4NS (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARTER, Antony, Arthur [GB/GB]; Department of Physics, Queen Mary and Westfield College, London E1 4NS (GB). DE OLIVEIRA, Rui [FR/FR]; 98 Lot La Challande, Lanovaz, F-74800 Arenthon (FR).
- (74) ROBERTS, Gwilym, V. 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 H01L 23/40
- (11) WO 2004/097935 (13) A2
- (21) PCT/US2004/008922
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/422,707 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • HEATSINK ASSEMBLY
- ENSEMBLE DE DRAIN THERMIQUE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) UNREIN, Edgar; 104 Chinook Lane, Steilacoom, WA 98388 (US).
- (74) BOONE, Carrie, A. et al. / etc.; 2450 Louisiana, Suite 400-310, Houston, TX 77006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 H01L 23/427, F28D 15/00
- (11) WO 2004/097936 (13) A1
- (21) PCT/GB2004/001873
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 0310095.5 1 May/mai 2003 GB (01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A CELLULAR THERMAL MANAGEMENT DEVICE AND METHOD OF MAKING SUCH A DEVICE
- DISPOSITIF DE GESTION THERMIQUE CELLULAIRE ET PROCÉDÉ DE FABRICATION DU DISPOSITIF
- (71) QUEEN MARY & WESTFIELD COLLEGE [GB/GB]; Mile End Road, London E1 4NS (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARTER, Antony, Arthur [GB/GB]; Department of Physics, Queen Mary and Westfield College, London E1 4NS (GB). DE OLIVEIRA, Rui [FR/FR]; 98 Lot La Challande, Lanovaz, F-74800 Arenthon (FR).
- (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).
-
- Published / Publiée : (c)
-
- (51)⁷ H01L 23/48, 23/52, 29/40
- (11) WO 2004/097937 (13) A1
- (21) PCT/US2003/037952
- (22) 25 Nov/nov 2003 (25.11.2003)
- (25) en (26) en
- (30) 10/249,621 24 Apr/avr 2003 US (24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • LEAD FREE ALLOYS FOR COLUMN/BALL GRID ARRAYS, ORGANIC INTERPOSERS AND PASSIVE COMPONENT ASSEMBLY
- ALLIAGES SANS PLOMB POUR GRILLES MATRICIELLES A BILLES OU A COLONNES, INTERPOSEURS ORGANIQUES ET ENSEMBLE DE COMPOSANTS PASSIFS
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

(72) FAROOQ, Mukta, G.; 6 Dartantra Drive, Hopewell Junction, NY 12533 (US). INTER-RANTE, Mario, J.; 11 Meadow Road, New Paltz, NY 12561 (US).

(74) CIOFFI, James, J.; International Business Machines Corporation, Zip 482, 2070 Route 52, Hopewell Junction, NY 12533 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01L 27/00, G01T 1/161

(11) WO 2004/097938 (13) A1

(21) PCT/US2003/013332

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(30) Not furnished / 27 Mar/mar 2003 US
non communiqué (27.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONDUCTIVE ADHESIVE BONDED SEMICONDUCTOR SUBSTRATES FOR RADIATION IMAGING DEVICES

• SUBSTRATS SEMI-CONDUCTEURS CONNECTES PAR ADHESIFS CONDUCTEURS POUR DES DISPOSITIFS DE FORMATION D'IMAGES PAR RAYONNEMENT

(71) AJAT OY, LTD. [FI/US]; Tietotie 3, FIN-02150 Espoo (FI).

(72) VUORELA, Mikko, Ilmari; Tietotie 3, FIN-02150 Espoo (FI).

(74) PERNIA, Sherman, D.; 1110 NASA Road One, Suite 450, Houston, TX 77058, Suite 450 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 27/105, 27/108, 21/8242

(11) WO 2004/097939 (13) A1

(21) PCT/JP2004/005991

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-121194 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FERROELECTRIC MEMORY DEVICE
• DISPOSITIF MEMOIRE FERROELECTRIQUE

(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) HIRANO, Hiroshige

(74) HAYASE, Kenichi; Hayase & Co. Patent Attorneys, 13F, Nissay Shin-Osaka Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 5320003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 H01L 27/146, 23/00

(11) WO 2004/097940 (13) A1

(21) PCT/KR2003/001536

(22) 30 Jul/juil 2003 (30.07.2003)

(25) ko (26) en

(30) 10-2003-0026772 28 Apr/avr 2003 KR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PACKAGE STRUCTURE AND SENSOR MODULE USING THE SAME

• STRUCTURE DE CONDITIONNEMENT ET MODULE CAPTEUR UTILISANT CETTE STRUCTURE

(71) SMATTECH, INC. [KR/KR]; 152, TBI Center, 455-6 Masan-ri, Jinwi-myon, Pyung-tack-si, Kyonggi-do 451-865 (KR).

(72) LEE, Hyeung-Gyu; 3-405 Mujigae Apt., 1335 Seocho-dong, Seocho-ku, Seoul 137-072 (KR). LEE, Yoon-Seob; 106-2203 Dongsuwon LG Village, Mangpo-dong, Paldal-ku, Suwon-shi, Kyonggi-do 442-706 (KR). SUNWOO, Kyun; 101-1001 Poongsan Apt., Sanghyeon-dong, Yon-gin-shi, Kyonggi-do 449-750 (KR). JEON, In-Soo; 166-16 Jungryung-2-dong, Sungbuk-ku, Seoul 136-824 (KR).

(74) KIM, Inhan; 5th Fl, Daerim Bldg, 1695-4, Seocho-dong, Seocho-ku, Seoul 137-883 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/78, 29/808, 29/812, 29/778

(11) WO 2004/097941 (13) A1

(21) PCT/IB2004/050543

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03101224.8 2 May/mai 2003 EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRONIC DEVICE COMPRISING A FIELD-EFFECT TRANSISTOR FOR HIGH-FREQUENCY APPLICATIONS

• DISPOSITIF ELECTRONIQUE A TRANSISTOR A EFFET DE CHAMP POUR APPLICATIONS HAUTE FREQUENCE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROEDLE, Thomas, C. [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOS, Hendrikus, F., F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). THEEUWEN, Stephan, J., C., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HAMMES, Petra, C., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GAJADHARSING, Radjindrepersad [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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L 29/78, 21/336, 21/8238, 27/092

(11) WO 2004/097942 (13) A1

(21) PCT/JP2003/005560

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEMICONDUCTOR MANUFACTURING METHOD

• PROCEDE DE FABRICATION DE 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) TAGAWA, Yukio [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Toh-sei Bldg., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).

(81) JP US.

(51)⁷ H01L 29/78, 29/786, 21/336

(11) WO 2004/097943 (13) A1

(21) PCT/JP2004/006157

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124043 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME

• DISPOSITIF A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION CORRESPONDANT

(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) INOUE, Akira; TAKAGI, Takeshi; ORADA, Haruyuki

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office 3rd Fl., Bo-eki Bldg., 123-1, Higashi-machi, Chuo-ku, Kobe-shi, Hyogo 6500031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/78, 29/24, 21/04, 27/07

(11) WO 2004/097944 (13) A2

(21) PCT/US2004/004892

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/422,554 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SILICON CARBIDE MOSFETS WITH INTEGRATED ANTIPARALLEL JUNCTION BARRIER SCHOTTKY FREE WHEELING DIODES AND METHODS OF FABRICATING SAME

• TRANSISTORS MOS AU CARBURE DE SILICIUM A DIODES LIBRES DE SCHOTTKY INTEGRES AYANT UNE BARRIERE DE JONCTION DE TYPE ANTIPARALLELE, ET PROCEDES D'ELABORATION

(71) CREE INC. [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYU, Sei-Hyung [US/US]; 123 Louben Valley Court, Cary, NC 27513 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 31/0224, 31/18

(11) WO 2004/097945 (13) A1

(21) PCT/FR2004/050173

(22) 27 Apr/avr 2004 (27.04.2004)

(25) fr (26) fr

(30) 03 50136 29 Apr/avr 2003 FR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCTION OF A SEMICONDUCTOR DEVICE WITH AUTO-ALIGNED METALLISATIONS

• PROCEDE DE REALISATION D'UN DISPOSITIF SEMI-CONDUCTEUR A METALLISATIONS AUTO-ALIGNEES.

(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) RIBEYRON, Pierre-Jean [FR/FR]; 191, Impasse des prés, F-38330 SAINT ISMIER (FR). PIROT, Marc [FR/FR]; le Bourg, F-38450 MIRIBEL-LANCHATRE (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).

Published / Publiée : (c)

(51)⁷ H01L 33/00

(11) WO 2004/097946 (13) A2

(21) PCT/DE2004/000800

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 19 274.3 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT SOURCE

• SOURCE LUMINEUSE

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOGNER, Georg [DE/DE]; Am Sandhügel 12, 93138 Lappersdorf (DE). GRÖTSCH, Stefan [DE/DE]; Waldstrasse 6, 93077 Bad Abbach (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Rüdigerstrasse 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 H01L 33/00, 31/0352

(11) WO 2004/097947 (13) A2

(21) PCT/IE2004/000063

(22) 4 May/mai 2004 (04.05.2004)

(25) en (26) en

(30) 2003/0332 **2 May/mai 2003** IE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT EMITTING DIODES AND THE MANUFACTURE THEREOF

• DIODES ELECTROLUMINESCENTES ET LEUR PROCEDE DE FABRICATION

(71) UNIVERSITY COLLEGE CORK-NATIONAL UNIVERSITY OF IRELAND, CORK [IE/IE]; College Road, Cork (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAASKANT, Pleun, Peter [NL/IE]; 5A Glendalough Park, The Lough, Cork (IE). O'CARROLL, Edmund, Anthony [IE/IE]; Kilnaglorry, Ballincollig, County Cork (IE). LAMBKIN, Paul, Martin [IE/IE]; 34 Clevedon, Lower Kilmoney Road, Carrigaline, County Cork (IE). CORBETT, Brian [IE/IE]; 1 Broadale Crescent, Douglas, Cork (IE).

(74) O'BRIEN, John, A. et al. / etc.; c/o John A. O'Brien & Associates, Third Floor, Duncairn House, 14, Carysfort Avenue, Blackrock, County Dublin (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097948 (13) A1

(21) PCT/JP2004/004420

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-123379 **28 Apr/avr 2003** JP
(28.04.2003)

(30) 2003-155921 **30 May/mai 2003** JP
(30.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT-EMITTING DEVICE AND LIGHT-EMITTING DEVICE MANUFACTURING METHOD

• DISPOSITIF LUMINESCENT ET PROCEDE DE FABRICATION ASSOCIE

(71) SHIN-ETSU HANDOTAI CO. LTD. [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAGIMOTO, Kazunori [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Cent, er, 13-1, Isobe 2-chome, Annaka-shi, Gunma, 3790196 (JP). IKEDA, Jyun [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Center, 13-1, Isobe 2-chome, Annaka-shi, Gunma, 3790196

(JP). TAKAHASHI, Masanobu [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe Plant, 13-1, Isobe 2-chome, Annaka-shi, Gunma, 3790196 (JP). YAMADA, Masato [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe Plant, 13-1, Isobe 2-chome, Annaka-shi, Gunma, 3790196 (JP).

(74) SUGAWARA, Seirin; SUGAWARA & ASSOCIATES, Sakae Yamakichi Bldg., 9-30, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi, 4600008 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097949 (13) A1

(21) PCT/KR2004/000943

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ko (26) en

(30) 10-2003-0026351 **25 Apr/avr 2003** KR
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WHITE SEMICONDUCTOR LIGHT EMITTING DEVICE

• DISPOSITIF ELECTROLUMINESCENT SEMI-CONDUCTEUR DE LUMIERE BLANCHE

(71) LUXPIA CO. LTD. [KR/KR]; 948-1, Dunsan-ri, Bongdong-eup, Wanju-kun, Jeollabuk-do 565-902 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Dong-Yeoul [KR/KR]; A-401, 8-cha Sungjinartville, 17-9, Samjung-dong, Kimhae-city, Kyungsangnam-do 621-912 (KR). KIM, Yong-Tae [KR/KR]; 103-509, Hyundai Apt., 1819-2, Songcheon-dong 2-ga, Cheonju-city, Jeollabuk-do 463-749 (KR). LEE, Sang-Ho [KR/KR]; 11/2, 540, Jukdong-dong, Kangseo-ku, Busan-city 618-320 (KR). KIM, Jin-Hwan [KR/KR]; 103-802, Woomi Apt., 84, Eoyang-cong, Iksan-city, Jeollabuk-do 570-210 (KR). LEE, Min-Sang [KR/KR]; 101-1011, Sinmaewoobangtown, 246, Sinmae-dong, Daegu-city 706-782 (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097950 (13) A1

(21) PCT/RU2004/000175

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ru (26) ru

(30) 2003113362 **30 Apr/avr 2003** RU
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT-EMITTING DIODE

• DIODE LUMINEUSE

(71) ZAKRYTOE AKTSIONERNOE OBSHESTVO "INNOVATIONNAYA FIRMA "TETIS" [RU/RU]; pr. Engelsa, 27-136, St.Petersburg, 194156 (RU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VASILIEVA, Elena Dmitrievna [RU/RU]; pr. Koroleva, 30-1-330, St.Petersburg, 197371 (RU). ZAKGEIM, Aleksandr Lvovich [RU/RU]; pr. Koroleva, 30-1-330, St.Petersburg, 197371 (RU). ZAKGEIM, Dmitry Aleksandrovich [RU/RU]; pr. Koroleva, 30-1-330, St.Petersburg, 197371 (RU). GUREVICH, Sergei Aleksandrovich [RU/RU]; pr. Prosvetscheniya, 68-1-133, St.Petersburg, 194100 (RU). ITKINSON, Grigory Vladimirovich [RU/RU]; Svechnoi per., 27-8, St. Petersburg, 197119 (RU). ZHMAKIN, Aleksandr Igorevich [RU/RU]; ul. Belgradskaya, 34-2-11, St.Petersburg, 192239 (RU).

(74) STEPANOVA, Nina Ivanovna; a/ya 3, St.Petersburg, 194223 (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 H01L 39/24

(11) WO 2004/097951 (13) A1

(21) PCT/JP2000/000280

(22) 21 Jan/jan 2000 (21.01.2000)

(25) ja (26) ja

(30) 11/16491 **26 Jan/jan 1999** JP
(26.01.1999)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MANUFACTURING THREE-DIMENSIONAL ELECTRONIC

DEVICE MADE OR ANISOTROPIC MATERIAL TO BE PROCESSED AND ITS MANUFACTURING APPARATUS

- PROCEDE DE FABRICATION D'UN DISPOSITIF ELECTRONIQUE TRIDIMENSIONNEL FABRIQUE A PARTIR D'UNE MATIERE ANISOTROPE A TRAITER ET APPAREIL DE FABRICATION CORRESPONDANT

(71, 72) YAMASHITA, Tsutomu [JP/JP]; 15-1, Aza Hama, Yamadera, Yamamoto-cho, Watari-gun, Miyagi 989-2201 (JP). KIM, Sang-Jae [KR/JP]; 25-3-505, Moniwadai 4-chome, Taihaku-ku, Sendai-shi, Miyagi 982-0252 (JP).

(74) SHIMIZU, Mamoru; Ohzono Building, 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) US.

Published / Publiée : (e): 12Aug/août 2003 (12.08.2003), 6605225

(51)⁷ H01L 41/053, 41/083, F02M 51/06, H02N 2/04

(11) WO 2004/097952 (13) A1

(21) PCT/DE2004/000569

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 19 601.3 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTUATING UNIT FOR A PIEZO-ELECTRICALLY CONTROLLED FUEL INJECTION VALVE

- UNITE ACTIONNEUR POUR SOUPAPE D'INJECTION DE CARBURANT A COMMANDE PIEZO-ELECTRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOECKING, Friedrich [DE/DE]; Kahlhieb 34, 70499 Stuttgart (DE). KIENZLER, Dieter [DE/DE]; Neukoellner Str. 6, 71229 Leonberg (DE). UHLMANN, Dietmar [DE/DE]; Rosenstr. 48, 71404 Korb (DE). BRUETSCH, Uwe [DE/DE]; Jaegerstr. 51, 70174 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 H01L 51/20

(11) WO 2004/097953 (13) A1

(21) PCT/EP2004/004336

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/249,625 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERCONNECTION FOR ORGANIC DEVICES

- INTERCONNEXION POUR DISPOSITIFS ORGANIQUES

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABDUL MANAF, Shahrol, Izzanni [MY/MY]; 92 Jalan Sungai, Penang, 10150 (MY). EIGENBRODT, Stefan [DE/DE]; Muehlstrasse 58, 64823 Gross Umstadt (DE). GUENTHER, Ewald, Karl, Michael [DE/DE]; Espental 10, 93128 Regenstauf (DE). LIM, Hooi, Bin [MY/MY]; 61 Cangkat Bukit, Gambir 2, Penang, 10400 (MY). TENG, Soong, Lin [MY/MY]; 5-3-8 Lebu Nipah Dua, Penang, 11900 (MY).

(74) Epping Hermann Fischer Patentanwalts-gesellschaft MBH; Ridlerstrasse 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).

Published / Publiée : (c)

(51)⁷ H01L 51/30, 51/10

(11) WO 2004/097954 (13) A1

(21) PCT/CA2004/000489

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/465,793 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHT-EMITTING DEVICES WITH FULLERENE LAYER

- DISPOSITIFS ELECTROLUMINESCENTS A COUCHE DE FULLERENES

(71, 72) LU, Zheng-Hong [CA/CA]; 556 Davisville Avenue, Toronto, Ontario M4S 1J5 (CA). FENG, Xiaodong [CN/CA]; 12 Hickory Street, Toronto, Ontario M5T 2P1 (CA).

(74) HILL & SCHUMACHER; 87 Falcon Street, Toronto, Ontario M4S2P4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01L 51/40, C23C 14/12

(11) WO 2004/097955 (13) A1

(21) PCT/EP2004/004039

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 19 742.7 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PULVERIZED ORGANIC SEMICONDUCTORS AND METHOD FOR VAPOR PHASE DEPOSITION ONTO A SUPPORT

- SEMI-CONDUCTEUR ORGANIQUE PULVERISE ET PROCEDE DE DEPOT CHIMIQUE EN PHASE VAPEUR SUR UN SUPPORT

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SACHWEH, Bernd [DE/DE]; Grossgasse 20a, 67149 Meckenheim (DE). RÖSCH, Joachim [DE/DE]; Friesenstr. 16, 67063 Ludwigshafen (DE). BOLD, Markus [DE/DE]; Stahlberger Str. 7, 67246 Dirmstein (DE). GESSNER, Thomas [DE/DE]; Gundolfstrasse 1, 69120 Heidelberg (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M

(11) WO 2004/097956 (13) A2

(21) PCT/US2004/012215

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/424,017 **25 Apr/avr 2003** US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DUAL USE THERMISTOR FOR BATTERY CELL THERMAL PROTECTION AND BATTERY PACK OVERCHARGE/UNDERCHARGE PROTECTION

• THERMISTANCE A DOUBLE USAGE DE PROTECTION THERMIQUE D'UNE CELLULE DE BATTERIE, ET PROTECTION D'UNE BATTERIE CONTRE LES EXCES DE CHARGE ET DE DECHARGE

(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) **PATINO, Joseph** [US/US]; 212 S.W. 179TH Avenue, Pembroke Pines, FL 33029 (US). **GEREN, Michael, D.** [US/US]; 765 Treadstone Court, Suwanee, GE 30024 (US).

(74) **BROWN, Larry, G. 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097957** (13) A2

(21) PCT/US2004/012509

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 10/425,191 **28 Apr/avr 2003** US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PEROVSKITE ELECTRODES AND METHOD OF MAKING THE SAME

• ELECTRODES DE PEROVSKITE ET LEUR PROCEDE D'OBTENTION

(71) **NEXTECH MATERIALS, LTD.** [US/US]; 720-I Lakeview Plaza Blvd., Worthington, OH 43085 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEABAUGH, Matthew, W.** [US/US]; 720-I Lakeview Plaza Blvd., Worthington, OH 43085 (US). **SWARTZ, Scott, L.** [US/US]; 720-I Lakeview Plaza Blvd., Worthington, OH 43085 (US).

(74) **JACQUES, Laurie, N.**; Porter, Wright, Morris & Arthur LLP, 41 S. High Street, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/097958** (13) A2

(21) PCT/US2004/012719

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 10/426,486 **29 Apr/avr 2003** US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRICAL ENERGY SYSTEMS, POWER SUPPLY APPARATUSES AND ELECTRICAL ENERGY SUPPLY METHODS

• SYSTEMES A ENERGIE ELECTRIQUE, APPAREILS D'ALIMENTATION ELECTRIQUE ET PROCEDES D'ALIMENTATION ELECTRIQUE

(71) **VALENCE TECHNOLOGY, INC.** [US/US]; 301 Conestoga Way, Henderson, NV 89015 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUMMINGS, John** [US/CN]; 6F, No. 223, Section 7, Chunghan North Road, Huang, Haitao, R.O.C. 111, Taipei (TW).

(74) **ROSS, Michael, D. et al. / etc.**; Valence Technology, Inc., 301 Conestoga Way, Henderson, NV 89015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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).

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01M

(11) **WO 2004/097959** (13) A2

(21) PCT/US2004/012889

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 10/425,858 **28 Apr/avr 2003** US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOLID OXIDE FUEL CELL ANODES AND ELECTRODES FOR OTHER ELECTROCHEMICAL DEVICES

• ANODES DE PILE A COMBUSTIBLE A OXYDE SOLIDE ET ELECTRODES POUR AUTRES DISPOSITIFS ELECTROCHIMIQUES

(71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; P.O. Box 999, Richland, WA 99352 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEINHARDT, Kerry, D.** [US/US]; 741 North Nevada Ct., Kennewick, WA 99337 (US). **SIMMER, Steven, P.** [US/US]; 1738 Citrus Avenue, Richland, WA 99352 (US). **SPRENKLE, Vincent, L.** [US/US]; 2157 Clearview Avenue, 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).

(51)⁷ H01M 2/00, 2/02, 2/14, 4/86, 4/90, 4/96, 8/04, 8/10, 8/12

(11) **WO 2004/097960** (13) A1

(21) PCT/US2004/001768

(22) **22 Jan/jan 2004 (22.01.2004)**

(25) en (26) en

- (30) 10/425,822 **28 Apr/avr 2003** US
(**28.04.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • AIR COOLED FUEL CELL MODULE
• MODULE DE PILE A COMBUSTIBLE
REFROIDI PAR L'AIR
- (71) AVISTA LABORATORIES, INC.
[US/US]; 15913 E. Euclid, Spokane, WA
99216 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) FUGLEVAND, William, A. [US/US];
8025 E. Woodview Drive, Spokane, WA
99212 (US). BAYYUK, Shibli, Hanna, I.
[US/US]; 2703 E. 38th Avenue, Spokane, WA
99223 (US). LLOYD, Greg, A. [US/US];
12822 E. 23rd Avenue, Spokane, WA 99216
(US). WILKERSON, Shalena, V. [US/US];
3725 E. 8th Avenue, Spokane, WA 99202
(US). WRIGHT, Matthew, M. [US/US];
3611 E. 16th Avenue, Spokane, WA 99223
(US).
- (74) GRIGEL, George, G. et al. / etc.; Wells St.
John P.S., 601 W. First Avenue, Suite 1300,
Spokane, WA 99201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
(t) for all designations / pour toutes les
designations
(u) for / pour US only / seulement

(51)⁷ H01M 4/02, 4/62

(11) WO 2004/097961 (13) A2

(21) PCT/CA2004/000660

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2,427,111 **30 Apr/avr 2003** CA
(**30.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • POLYMERIC BINDER FOR FUSED
SALTS ELECTROLYTES BASED BAT-
TERIES
• LIANT POLYMERE DESTINE
A DES BATTERIES A BASE
D'ELECTROLYTES DE SELS FON-
DUS
- (71) UNIVERSITE DE MONTREAL
[CA/CA]; 2900 Edouard Montpetit, Mon-
tréal, Québec H3T 1J4 (CA). CENTRE
NATIONAL DE LA RECHERCHE SCI-
ENTIFIQUE [FR/FR]; 3, rue Michel-Ange,
F-75794 Paris Cedex 16 (FR). TOYOTA
TECHNICAL CENTER, U.S.A., INC.
[US/US]; 1555 Woodridge, Ann Harbor,
Michigan, MI 48105 (US). TOYOTA MO-
TOR CORPORATION [JP/JP]; Material
Engineering Div.3, Component & System
Development Center, Higashifugi Technical
Center, 1200, Mishuku, Susono,, Shizuoka,
410-1193 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) MICHOT, Christophe [FR/CA];
5717 Avenue de l'Esplanade, Montréal,
Québec H2T 2Z9 (CA). PERRON, Gérald
[CA/CA]; 782-5 Boulevard du Fort St-Louis,
Boucherville, Québec J4B 1T4 (CA). UKAI,
Junzo [JP/US]; Toyota Technical Center,
U.S.A., Inc., 1555 Woodridge, Ann Har-
bor, Michigan, MI 48105 (US). LI, Wen
[CN/US]; Toyota Technical Center, U.S.A.,
Inc., 1555 Woodridge, Ann HARBOR,
Michigan, MI 48105 (US). KOHAMA,
Keiichi [JP/JP]; Toyota Motor Corpora-
tion, Material Engineering, Div.3 Component
& Sysytem Developpement Center, Hi-
gashifugi Technical Center, 1200, Mishuku,
Susono, Shizuoka, 410-1193 (JP). OYAMA,
Yutaka [JP/JP]; Toyota Motor Corpora-
tion, Material Engineering, Div.3 Component
& System Development Center, Higashifugi
Technical Center, 1200, Mishuku, Susono,
Shizuoka, 410,1193 (JP). YOKOISHI, Shoji
[JP/JP]; Toyota Motor Corporation, Material
Engineering, Div.3 Component & System
Development Center, Higashifugi Technical
Center, 120, Mishuku, Susono, Shizuoka,
410-1193 (JP).
- (74) KOSIE, Ronald, S. et al. / etc.; Brouillette
Kosie Prince, 1100, René-Levesque Blvd.
West, 25th Floor, Montreal, 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).

(71) SUMITOMO TITANIUM CORPORA-
TION [JP/JP]; 1 Higashihama-cho, Ama-
gasaki-shi, Hyogo 660-8533 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NATSUME, Yoshitake [JP/JP]; c/o
Sumitomo Titanium Corporation, 1, Hi-
gashihama-cho, Amagasaki-shi, Hyogo
660-8533 (JP). OGASAWARA, Tadashi
[JP/JP]; c/o Sumitomo Titanium Corpora-
tion, 1, Higashihama-cho, Amagasaki-shi,
Hyogo 660-8533 (JP). AZUMA, Kazuomi
[JP/JP]; c/o Sumitomo Titanium Corporation,
1, Higashihama-cho, Amagasaki-shi, Hyogo
660-8533 (JP).

(74) YANAGIDATE, Takahiko; Taisei Patent
Agent, 6-15, Kawaramachi 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0048 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, 4/04, 4/48, 10/40

(11) WO 2004/097962 (13) A1

(21) PCT/JP2004/005527

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

- (30) 2003-123938 **28 Apr/avr 2003** JP
(**28.04.2003**)
- (30) 2003-295363 **19 Aug/août 2003** JP
(**19.08.2003**)
- (30) 2003-297443 **21 Aug/août 2003** JP
(**21.08.2003**)
- (30) 2003-299701 **25 Aug/août 2003** JP
(**25.08.2003**)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NEGATIVE ELECTRODE FOR
LITHIUM SECONDARY CELL,
LITHIUM SECONDARY CELL EM-
PLOYING THE NEGATIVE ELEC-
TRODE, FILM DEPOSITION MATE-
RIAL B USED FOR FORMING NEG-
ATIVE ELECTRODE, AND PROCESS
FOR PRODUCING NEGATIVE ELEC-
TRODE
• ELECTRODE NEGATIVE POUR AC-
CUMULATEUR AU LITHIUM, AC-
CUMULATEUR AU LITHIUM DOTE
DE CETTE ELECTRODE NEGATIVE,
MATIERE DE DEPOT DE PELLICULE
POUR REALISER UNE ELECTRODE
NEGATIVE ET PROCEDE POUR FA-
BRIQUER UNE ELECTRODE NEGA-
TIVE

(71) SUMITOMO TITANIUM CORPORA-
TION [JP/JP]; 1 Higashihama-cho, Ama-
gasaki-shi, Hyogo 660-8533 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NATSUME, Yoshitake [JP/JP]; c/o
Sumitomo Titanium Corporation, 1, Hi-
gashihama-cho, Amagasaki-shi, Hyogo
660-8533 (JP). OGASAWARA, Tadashi
[JP/JP]; c/o Sumitomo Titanium Corpora-
tion, 1, Higashihama-cho, Amagasaki-shi,
Hyogo 660-8533 (JP). AZUMA, Kazuomi
[JP/JP]; c/o Sumitomo Titanium Corporation,
1, Higashihama-cho, Amagasaki-shi, Hyogo
660-8533 (JP).

(74) YANAGIDATE, Takahiko; Taisei Patent
Agent, 6-15, Kawaramachi 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0048 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 4/04

(11) WO 2004/097963 (13) A1

(21) PCT/KR2004/001006

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10-2003-0027867 **30 Apr/avr 2003** KR
(**30.04.2003**)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR PRODUCING LITHIUM COMPOSITE OXIDE FOR USE AS POSITIVE ELECTRODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERIES

• PROCEDE PERMETTANT DE PRODUIRE UN OXYDE COMPOSITE DE LITHIUM POUVANT SERVIR DE MATERIAU ACTIF D'ELECTRODE POSITIVE POUR ACCUMULATEURS AU LITHIUM

(71) HANYANG HAK WON CO., LTD. [KR/KR]; 17, Haengdang-dong, Sungdong-gu, Seoul 133-791 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUN, Yang-Kook [KR/KR]; 1018-1103 Taegang Apt., Gongreung-dong, Nowon-gu, Seoul 139-240 (KR). PARK, Sang-Ho [KR/KR]; 253-217 Singil-3-dong Youngdeungpo-gu, Seoul 150-847 (KR).

(74) C & S PATENT AND LAW OFFCE; C-2306 Daelim Acrotel, 467-6 Dogok-dong, Kangnam-gu, Seoul 135-971 (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 4/48, 4/50, 4/52

(11) WO 2004/097964 (13) A2

(21) PCT/US2004/012936

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,034 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM BATTERIES

• ELECTRODES D'OXYDE DE METAL DE LITHIUM DESTINEES AUX PILES A LITHIUM

(71) THE UNIVERSITY OF CHICAGO [US/US]; 5801 South Ellis Avenue, Chicago, IL 60637 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THACKERAY, Michael, M. [ZA/US]; 1763 Cliffside Court, Naperville, IL 60565 (US). JOHNSON, Christopher, S. [US/US]; 2333 Keim Road, Naperville, IL 60565 (US). KIM, Jeom-Soo [KR/US]; 2511 Sheehan Drive, #103, Naperville, IL 60564 (US).

(74) LEVY, Harry, M.; Emrich and Dithmar, 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 H01M 8/00

(11) WO 2004/097965 (13) A2

(21) PCT/JP2004/003781

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 2003-123673 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUEL CELL ASSEMBLY AND FUEL CELL SYSTEM

• ENSEMBLE PILE À COMBUSTIBLE ET DISPOSITIF DE PILE À 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) SHIMOI, Ryouichi [JP/JP]; 4-36-13, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa 2360052 (JP). SHINOHARA, Kazuhiko [JP/JP]; 7-41-1-101, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa 2360052 (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)⁷ H01M 8/00

(11) WO 2004/097966 (13) A2

(21) PCT/JP2004/004915

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2003-125131 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FUEL ELECTRODE FOR SOLID OXIDE FUEL CELL AND SOLID OXIDE FUEL CELL USING THE SAME

• ELECTRODE A COMBUSTIBLE POUR PILE A COMBUSTIBLE A OXYDE SOLIDE, ET PILE A COMBUSTIBLE A OXYDE SOLIDE UTILISANT L'ELECTRODE

(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) SONG, Dong [CN/JP] HATANNO, Masaharu [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 8/02

(11) WO 2004/097967 (13) A1

(21) PCT/EP2003/050131

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BIPOLAR PLATE COMPRISING METAL FIBERS

• PLAQUE BIPOLAIRE COMPRENANT DES FIBRES METALLIQUES

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANAF, Lieven [BE/BE]; Westerlaan 25 - A2, B-8790 Waregem (BE).

(74) VAN STEENLANDT, Wim; N.V. Bekaert S.A., D.I.E., Bekaertstraat 2, B-8550 Zwevegem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 8/02

(11) WO 2004/097968 (13) A1

(21) PCT/GB2004/001794

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309406.7 25 Apr/avr 2003 GB
(25.04.2003)(30) 0320512.7 2 Sep/sep 2003 GB
(02.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRODUCTION OF COMPONENTS
FOR ELECTROCHEMICAL CELL AS-
SEMBLIES• PRODUCTION DE COMPOSANTS
POUR ASSEMBLAGES DE CELLULES
ELECTROCHIMIQUES(71) INEOS CHLOR ENTERPRISES LIM-
ITED [GB/GB]; P.O. Box 9, Runcorn Site
HQ, South Parade, Runcorn, Cheshire WA7
4JE (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HODGSON, David, Ronald [GB/GB];
58 Redwood, Westhoughton, Bolton, Lan-
cashire BL5 2RU (GB). FARNDON, Emma,
Elizabeth [GB/GB]; 84 Chester Road,
Helsby, Frodsham, Lancashire WA6 0DW
(GB).(74) MCCALLUM, Graeme, David et al. / etc.;
Lloyd Wise, McNeight & Lawrence, High-
bank House, Exchange Street, Stockport,
Cheshire SK3 0ET (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H01M 8/04

(11) WO 2004/097969 (13) A2

(21) PCT/DE2004/000788

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 19 062.7 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE MODELLING
OF MATERIAL AND/OR HEAT EX-
CHANGE PROCESSES IN A DEVICE
AND DEVICE FOR CARRYING OUT
SAID METHOD• PROCEDE DE MODELISATION DE
PROCESSUS DE TRANSFERT DE
SUBSTANCES ET/OU DE CHALEUR
DANS UN DISPOSITIF ET DISPOSITIF
PERMETTANT LA MISE EN OEUVRE
DUDIT PROCEDE(71) FORSCHUNGSZENTRUM JÜLICH
GMBH [DE/DE]; Wilhelm-Johnen-Strasse,
52425 Jülich (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) FRONING, Dieter [DE/DE]; Aachener
Str. 45, 52382 Niederzier (DE). GUBNER,
Andreas [DE/DE]; Mühlengraben 7, 52382
Niederzier (DE). POPPINGER, Manfred
[DE/DE]; Ruhsteinweg 5, 91080 Uittenreuth
(DE).(74) FORSCHUNGSZENTRUM JÜLICH
GMBH; Fachbereich Patente, 52425 Jülich
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 H01M 10/38, 10/40, 4/66, B05C 1/08

(11) WO 2004/097970 (13) A2

(21) PCT/CA2004/000664

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,089 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CURRENT COLLECTOR COATING
AND METHOD FOR APPLYING SAME
• REVETEMENT DE COLLECTEUR
DE COURANT ET PROCEDE
D'APPLICATION D'UN TEL REVE-
TEMENT(63) US 10/428,089 (CIP)
2 May/mai 2003 (02.05.2003)(71) AVESTOR LIMITED PARTNER-
SHIP [CA/CA]; 1560, rue de Coulomb,
Boucherville, Quebec J4B 7Z7 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BESNER, Simon [CA/CA]; 31, rue
Belle-vue, Côteau du Lac, Quebec J0P 1B0
(CA). LALIBERTE, Richard [CA/CA];
900, rue Brissette, Ste-Julie, Quebec J3E 2B1
(CA). VALLEE, Alain [CA/CA]; 22, rue
Des Embruns, Varennes, Quebec J3X 2A2
(CA).(74) GEORGIEV, Stephan, P. et al. / etc.; Smart
& Biggar, 1000 de la Gauchetière Street
West, Suite 3400, Montreal, Quebec H3B
4W5 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H01M 10/38

(11) WO 2004/097971 (13) A1

(21) PCT/KR2004/000961

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ko (26) en

(30) 10-2003-0026294 25 Apr/avr 2003 KR
(25.04.2003)(30) 10-2003-0026289 25 Apr/avr 2003 KR
(25.04.2003)(30) 10-2003-0026290 25 Apr/avr 2003 KR
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STACKED LITHIUM SECONDARY
BATTERY AND ITS FABRICATION• BATTERIE AU LITHIUM SECON-
DAIRE EMPILEE ET SA FABRICA-
TION(71) ENERLAND CO. LTD. [KR/KR]; 104, R
& D Bldg., Feasibility Evaluation Center,
Hanyang University, Sungdong-ku, Seoul
133-791 (KR).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ROH, Whanjin [KR/KR]; NA-803,
Samhogarden Mansion, 30-20, Banpo-dong,
Seocho-ku, Seoul 137-932 (KR).(74) KIM, Jin-Hak; 1106 Kumsan Bldg, 17-1
Yuido-dong, Youngdeungpo-ku, Seoul
150-727 (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 KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 1/185

(11) WO 2004/097972 (13) A1

(21) PCT/BG2004/000008

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 107771 30 Apr/avr 2003 BG
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIGITAL PHASE SHIFTER
• DEPHASEUR NUMERIQUE

(71) **RAYSAT CYPRUS LIMITED** [CY/CY]; Poseidonos 3, Emergo House, 2406 Nicosia (CY).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMENOPOLSKI, Stanimir** [BG/BG]; 3 Krum Kiuliavkov Str., Bl.64, Entr.3, Apt.61, 1172 Sofia (BG).

(74) **LEKOVA, Tatyana**; 136 Hristo Botev blvd., 1202 Sofia (BG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 H01P 5/18 // 5/04

(11) **WO 2004/097973** (13) A1

(21) PCT/SE2003/000671

(22) **25 Apr/avr 2003 (25.04.2003)**

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN IMPROVED DIRECTIONAL COUPLER
• COUPLEUR DIRECTIONNEL AMÉLIORÉ

(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) **DABROWSKI, Jurek** [PL/SE]; Marknadsvägen 295, S-183 79 TÄBY (SE). **SAWICKI, Andrzej** [PL/SE]; Frejgatan 9, S-195 53 MÅRSTA (SE).

(74) **ALBIHNS STOCKHOLM AB**; P O Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/18

(11) **WO 2004/097974** (13) A1

(21) PCT/SE2004/000603

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) PCT/SE03/00671 **25 Apr/avr 2003 (25.04.2003)** SE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN IMPROVED DIRECTIONAL COUPLER
• COUPLEUR DIRECTIONNEL AMÉLIORÉ

(71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-126 25 STOCKHOLM (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DABROWSKI, Jurek** [PL/SE]; Marknadsvägen 295, S-183 79 Täby (SE). **SAWICKI, Andrzej** [PL/SE]; Frejgatan 9, S-195 53 Mårsta (SE).

(74) **ALBIHNS STOCKHOLM AB**; P.O. Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q

(11) **WO 2004/097975** (13) A2

(21) PCT/US2004/013654

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 10/426,112 **29 Apr/avr 2003 (29.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXTENDED ANTENNA SUPPORT FOR A WIRELESS COMMUNICATIONS DEVICE
• SUPPORT D'ANTENNE ÉTENDU POUR DISPOSITIF DE COMMUNICATIONS SANS FIL

(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) **CHENOWETH, John, P.** [US/US]; 3191 N.W. 114th Terrace, Coral Springs, FL 33065 (US). **CANDAL, Alejandro** [US/US]; 4949 S.W. 153rd Avenue, Davie, FL 33331 (US). **MINASI, David, H.** [US/US]; 263 Cordington Drive, Fort Lauderdale, FL 33308 (US).

(74) **GARRETT, Scott, M. 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/00

(11) **WO 2004/097976** (13) A2

(21) PCT/GB2004/001796

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 0309640.1 **28 Apr/avr 2003 (28.04.2003)** GB

(30) 0321222.2 **10 Sep/sep 2003 (10.09.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TUNEABLE ANTENNA
• ANTENNE REGLABLE

(71) **ITT MANUFACTURING ENTERPRISES, INC** [US/US]; 1105 North Market Street, Suite 1217, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEDERSEN, Gert, Frolund** [DK/GB]; ITT Industries, Jays Close, Viables Industrial Estate, Basingstoke, Hants RG22 4BW (GB).

(74) **ELKINGTON AND FIFE LLP**; Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/22, 1/40, 1/42

(11) WO 2004/097977 (13) A1

(21) PCT/EP2004/002188

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 03009488.2 26 Apr/avr 2003 EP
(26.04.2003)(30) 60/466,309 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTENNA DEVICE FOR COMMUNICATION EQUIPMENT

• DISPOSITIF D'ANTENNE POUR UN EQUIPEMENT DE COMMUNICATION

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YING, Zhinong [SE/SE]; Skyttelinjen 50, S-226 49 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01Q 1/24

(11) WO 2004/097978 (13) A1

(21) PCT/US2004/012482

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/424,375 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FERRITE LOADED MEANDER LINE LOADED ANTENNA

• ANTENNE CHARGÉE PAR UNE LIGNE A MEANDRES CHARGÉE DE FERRITE

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. [US/US]; 65 Spit Brook Road, NH01-719, Nashua, NH 03060 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) APOSTOLOS, John, T. [US/US]; 3 Majestic Lane, Merrimack, NH 03054 (US). CAIMI, Frank, M. [US/US]; 3130 1st Street, Vero Beach, FL 32968 (US).

(74) LONG, Daniel, J.; BAE Systems Information and Electronic Systems Int, egration Inc.,

65 Spit Brook Road, NH01-719, Nashua, NH 03060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01Q 1/50

(11) WO 2004/097979 (13) A1

(21) PCT/DK2004/000296

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) PA 2003 00665 2 May/mai 2003 DK
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICROWAVE TRANSMISSION UNIT INCLUDING LIGHTNING PROTECTION

• UNITE DE TRANSMISSION HYPER-FREQUENCE COMPRENANT UN ELEMENT DE PROTECTION CONTRE LA Foudre

(71) LGP ALLGON AB [SE/SE]; P.O. Box 1178, S-187 80 Täby (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLST, Thorsten [DK/DK]; Bogfinkevej 21, DK-2630 Taastrup (DK). HAGENSEN, Morten [DK/DK]; Gadeledsvej 30, DK-3400 Hillerød (DK). JENSEN, Carsten, Gadegaard [DK/DK]; Enghellen 12, Udsholt, DK-3230 Græsted (DK). JENSEN, Stig [DK/DK]; Høje Gladsaxe 8, 2.th., DK-2860 Søborg (DK).

(74) CHAS. HUDE A/S; H.C. Andersens Boulevard 33, 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 H01Q 5/01, 9/04

(11) WO 2004/097980 (13) A1

(21) PCT/JP2004/005750

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja

(26) ja

(30) 2003-121401 25 Apr/avr 2003 JP
(25.04.2003)(30) 2003-197257 15 Jul/juil 2003 JP
(15.07.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIDEBAND FLAT ANTENNA

• ANTENNE PLATE A LARGE BANDE

(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) TAGO, Noriyuki [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 9/04, 9/42, 5/00, 1/38

(11) WO 2004/097981 (13) A1

(21) PCT/EP2004/004482

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 093.7 28 Apr/avr 2003 DE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTENNA DEVICE

• SYSTEME D'ANTENNE

(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) HUMPFER, Harald [DE/DE]; Im Gässla 16, 91058 Erlangen (DE). WANSCH, Rainer [DE/DE]; Starenweg 9, 91056 Erlangen (DE).

(74) ZIMMERMANN, Tankred et al. / etc.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, Postfach 246, 82043 Pullach bei München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/28, 13/08, 1/38, 1/24

(11) WO 2004/097982 (13) A1

(21) PCT/US2004/012578

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,662 25 Apr/avr 2003 US
(25.04.2003)

(30) 10/769,419 30 Jan/jan 2004 US
(30.01.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ELECTROMAGNETICALLY COU-
PLED END-FED ELLIPTICAL DIPOLE
FOR ULTRA-WIDE BAND SYSTEMS
• DOUBLET ELLIPTIQUE ALIMENTE
EN EXTREMITE ET COUPLE ELEC-
TROMAGNETIQUEMENT POUR SYS-
TEMES A BANDE ULTRA LARGE

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
California 92121 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MOHAMMADIAN, Alireza Hormoz
[US/US]; 5537 Havenridge Way, Del Mar,
California 92130 (US).

(74) MINHAS, Sandip et al. / etc.; 5775 More-
house 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations; (t) for all designations / pour
toutes les désignations

(51)⁷ H01Q 9/30, 1/24, 21/30, 5/00

(11) WO 2004/097983 (13) A1

(21) PCT/EP2004/050358

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0309952.0 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTENNA FOR USE IN RADIO COM-
MUNICATIONS

• ANTENNE POUR RADIOCOMMUNI-
CATIONS

(71) MOTOROLA INC [US/US]; 1303 E.Al-
gonquin Road, Schaumburg, Illinois 60196
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(71) MOTOROLA LIMITED [GB/GB]; Jays
Close, Viabes Industrial Estate, Basingstoke
Hampshire RG22 4PD (GB).

(only for / seulement pour BW)

(72, 75) GROSSMAN, Ovidia [IL/IL]; Mo-
torola Israel Limited, 3 Kremenetski Street,
67899 Tel Aviv (IL). BEN-AYUN, Moshe
[IL/IL]; Motorola Israel Limited, 3 Kremenet-
ski Street, 67899 Tel Aviv (IL). ROZEN-
TAL, Mark [IL/IL]; Motorola Israel Limited,
3 Kremenetski Street, 67899 Tel Aviv (IL).

(74) MCCORMACK, Derek, J.; Motorola Eu-
ropean Intellectual Property Operations, Mid-
point, Alencon Link, Basingstoke Hampshire
RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01Q 9/40, 1/32 // 1/42

(11) WO 2004/097984 (13) A1

(21) PCT/CH2003/000275

(22) 28 Apr/avr 2003 (28.04.2003)

(25) de (26) de

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • BROADBAND ANTENNA ARRANGE-
MENT

• ENSEMBLE ANTENNE A LARGE
BANDE

(71) HUBER + SUHNER AG [CH/CH];
Degersheimerstrasse 14, CH-9100 Herisau
(CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DEJEAN, Cédric [CH/CH]; Teufener-
strasse 61, CH-9000 St. Gallen (CH).

(74) OTTOW, Jens, M.; Isler & Pedrazzini AG,
Gotthardstrasse 53, Postfach 6940, CH-8023
Zürich (CH).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01Q 13/08, 1/24, H01P 1/02

(11) WO 2004/097985 (13) A1

(21) PCT/US2004/012579

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,664 25 Apr/avr 2003 US
(25.04.2003)

(30) 10/819,558 7 Apr/avr 2004 US
(07.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIDEBAND ANTENNA WITH
TRANSMISSION LINE ELBOW

• ANTENNE A BANDE LARGE COM-
PORTANT UN COUDE DE LIGNE DE
TRANSMISSION

(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) MOHAMMADIAN, Alireza, Hormoz
[US/US]; 5537 Havenridge Way, Del Mar,
CA 92130 (US).

(74) MINHAS, Sandip et al. / etc.; 5775 More-
house Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations; (t) for all designations / pour
toutes les désignations

(51)⁷ H01Q 17/00

(11) WO 2004/097986 (13) A1

(21) PCT/FR2004/001007

(22) 26 Apr/avr 2004 (26.04.2004)

(25) fr (26) fr

(30) 03/05163 28 Apr/avr 2003 FR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOUND COMPRISING A MA-
TERIAL WITH A SPATIAL CHARGE
FOR SELECTIVE ABSORPTION OF
AN ELECTROMAGNETIC FIELD

• COMPOSANT COMPRENANT UN
MATERIAU A CHARGE D'ESPACE
DESTINE A L'ABSORPTION SELEC-
TIVE D'UN CHAMP ELECTROMA-
GNETIQUE

(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE (CNRS)
[FR/FR]; 3, rue Michel Ange, F-75016 Paris
(FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAGLIONE, Mario [FR/FR]; 1, rue du
Hameau de Bel Air, F-33850 Leognan (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).

Published / Publiée : (c)

(51)⁷ H01Q 23/00 // 1/22

(11) WO 2004/097987 (13) A1

(21) PCT/FI2004/000260

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 20030663 2 May/mai 2003 FI
(02.05.2003)

(30) 10/446,144 28 May/mai 2003 US
(28.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANTENNA ARRANGEMENT AND
BASE TRANSCIVER STATION

• AGENCEMENT D'ANTENNES ET STA-
TION D'EMETTEUR-RECEPTEUR DE
BASE

(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) PALLONEN, Jorma [FI/FI];
Avokalliontie 5, FIN-FI-02400 Kirkkon-
ummi (FI). SCHECK, Hans-Otto [DE/FI];
Hanikka 14, FI-02360 Espoo (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23,
PO 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)

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 H01R

(11) WO 2004/097988 (13) A2

(21) PCT/US2004/012526

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,145 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SMA COMPATIBLE, SAFE LASER
CONNECTOR SYSTEM

• SYSTEME DE CONNECTEURS DE LA-
SER COMPATIBLE AVEC UN SMA ET
SECURISE

(71) CERAMOPTEC INDUSTRIES, INC.
[US/US]; 515 Shaker Road, East Long-
meadow, MA 01028 (US).

(72) FOLEY, Brian; 17 Overlook Drive, Wilbra-
ham, MA 01095 (US). NEUBERGER, Wolf-
gang; 905 Beta Tower Financial Park, 87000

F.T. Labuan (MY). KUDLA, Heinrich;
Clemens-August-Str. 16, 53115 Bonn (DE).
SPANIOL, Stefan; John-Muller-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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/097989 (13) A2

(21) PCT/US2004/013287

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,759 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CABLE CONNECTOR HOLDERS AND
METHODS FOR CONNECTING AND
DISCONNECTING A PLURALITY OF
CABLE CONNECTORS

• SUPPORTS DE CONNECTEURS
DE CABLES ET PROCÉDES DE
CONNEXION ET DE DECONNEXION
D'UNE PLURALITE DE CONNEX-
TEURS DE CABLES

(71) CARLYLE, INC. [US/US]; 6801 S. 180th
Street, Tukwila, WA 98188 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KLEEBERGER, Terry, M. [US/US];
3509 46th St. NE, Tacoma, WA 98422 (US).
ROBINSON, Paul, W. [US/US]; 8421 NE
Grizdale Lane, Bainbridge Island, WA 98110
(US). ELIOT, Billie, D. [US/US]; 19808 NE
Redmond Rd., Redmond, WA 98053 (US).
BAGBY, Daniel, J. [US/US]; 1714 Lowell
Ave., Enumclaw, WA 98022 (US).

(74) FERRIS, Kassim, M.; Stoel Rives LLP, 900
SW Fifth Avenue, Suite 2600, Portland, OR
97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 9/28, 12/04, 12/32

(11) WO 2004/097990 (13) A1

(21) PCT/CN2004/000016

(22) 5 Jan/jan 2004 (05.01.2004)

(25) zh (26) zh

(30) 03251384.4 28 Apr/avr 2003 CN
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A DOUBLE SIDED INSERT BOARD

• PANNEAU D'INSERTION A DOUBLE
FACE

(71) HUAWEI TECHNOLOGIES CO., LTD.
[CN/CN]; Huawei Administration Build-
ing, Bantian, Longgang District, Shenzhen,
Guangdong 518129 (CN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LI, Zhenya [CN/CN]; Huawei Adminis-
tration Building, Bantian, Longgang District,
Shenzhen, Guangdong 518129 (CN). WEI,
Konggang [CN/CN]; Huawei Administra-
tion Building, Bantian, Longgang District,
Shenzhen, Guangdong 518129 (CN). LI,
Wenjian [CN/CN]; Huawei Administra-
tion Building, Bantian, Longgang District,
Shenzhen, Guangdong 518129 (CN). WU,
Guzheng [CN/CN]; Huawei Administration
Building, Bantian, Longgang District, Shen-
zhen, Guangdong 518129 (CN). WANG,
Chenglong [CN/CN]; Huawei Administra-
tion Building, Bantian, Longgang District,
Shenzhen, Guangdong 518129 (CN). YANG,
Zhiguo [CN/CN]; Huawei Administra-
tion Building, Bantian, Longgang District,
Shenzhen, Guangdong 518129 (CN). JIN,
Junwen [CN/CN]; Huawei Administration
Building, Bantian, Longgang District, Shen-
zhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY
LAW CORPORATION; 8 Fl., Golder
Plaza, No 10 Huayuan-Donglu, Haidian Dis-
trict, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H01R 12/18

(11) WO 2004/097991 (13) A1

(21) PCT/US2004/003769

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/404,975 31 Mar/mar 2003 US
(31.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RETENTION MECHANISM FOR HIGH
MASS ADD-IN CARDS

• MECANISME POUR LA RETENUE
DE CARTES ADDITIONNELLES DE
MASSE ELEVEE

(71) INTEL CORPORATION [US/US]; 2200
Mission College Boulevard, Santa Clara, CA
95052 (US).

(72) LING, Yun; 14824 NW Yellowberry Way,
Portland, OR 97229 (US). TONG, Thai,
Dan; 16678 NW Paisley Drive, Beaverton,
OR 97006 (US). NOBLE, Scott; 15545 SW
Petrel Lane, Beaverton, OR 97007 (US).
WU, Yinan; 3 Roy Street, Westborough, MA
01581 (US). WILLIS, Daniel; 20040 NW
Paulina Drive, Portland, OR 97229 (US).
HILL, Brent; 2232 NW Everett Street #33,
Portland, OR 97210 (US). LYNCH, John;
3129 Limpus Lane, Forest Grove, CA 97116
(US). TAN, Guixiang; 50 Commons Drive,
#24, Shrewsbury, MA 01545 (US). COT-
TRELL, Cary; 5025 Chambers Creek Loop
SE, Olympia, WA 98501 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely
Sokoloff Taylor & Zafman, 7th Floor, 12400
Wilshire Boulevard, Los Angeles, CA 90025
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 12/32

(11) WO 2004/097992 (13) A1

(21) PCT/DE2004/000716

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 18 980.7 26 Apr/avr 2003 DE
(26.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PLUG CONNECTOR FOR ELECTRI-
CALLY CONNECTING ELECTRONIC
COMPONENTS

• CONNECTEUR ENFICHABLE POUR
LA CONNEXION ELECTRIQUE
D'ELEMENTS ELECTRONIQUES

(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) WEBER, Robert [DE/DE]; Bayreuther-
strasse 13 d, 91301 Forchheim (DE). UR-
BANEK, Thomas [DE/DE]; Krefelderstrasse
7, 90425 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 13/18

(11) WO 2004/097993 (13) A1

(21) PCT/US2004/012266

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/423,190 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPLANTABLE BIOMEDICAL ELEC-
TRICAL CONNECTORS HAVING IN-
TEGRAL SIDE AND INNER WALLS

• CONNECTEURS ELECTRIQUES BIO-
MEDICAUX IMPLANTABLES A PA-
ROIS LATERALES ET INTERNES
INTEGRES

(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) SAGE, Shahn, S. [US/US]; 832 140th
Lane Northwest, Andover, MN 55304 (US).

(74) BAUER, Stephen, W. 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 H01R 13/46, 13/645

(11) WO 2004/097994 (13) A1

(21) PCT/GB2004/001745

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309451.3 25 Apr/avr 2003 GB
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IDENTIFICATION SYSTEMS FOR
COMPATIBLE COMPONENTS AND
APPARATUS FOR USE WITH SUCH
SYSTEMS• SYSTEMES D'IDENTIFICATION POUR
COMPOSANTS COMPATIBLES ET AP-
PAREIL A UTILISER AVEC DE TELS
SYSTEMES(71) SHEFFIELD HALLAM UNIVERSITY
[GB/GB]; City Campus, Howard Street,
Sheffield S1 1WB (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CHAMBERLAIN, Paul [GB/GB];
Sheffield Hallam University, City Campus,
Howard Street, Sheffield S1 1WB (GB).
WALTERS, Peter [GB/GB]; Sheffield Hal-
lam University, City Campus, Howard Street,
Sheffield S1 1WB (GB).(74) FRANKS, Robert, B. et al. / etc.; Franks
& Co, 9-10 President Buildings, Savile Street
East, Sheffield S4 7UQ (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 13/627, 13/44, 13/24

(11) WO 2004/097995 (13) A1

(21) PCT/EP2004/004615

(22) 30 Apr/avr 2004 (30.04.2004)

(25) de (26) de

(30) 103 20 594.2 2 May/mai 2003 DE
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRIC PLUG-IN COUPLING
• CONNEXION A FICHES ELECTRIQUE(71, 72) HIRDES, Rüdiger [DE/DE]; Klein-
herbeder Strasse 9a, 58455 Witten (DE).(74) EICHELBAUM, Lambert; Krüppelchen
6, 45659 Recklinghausen (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 LCLK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 H01R 13/74, H02G 3/08

(11) WO 2004/097996 (13) A1

(21) PCT/JP2004/005064

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003-123318 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ATTACHMENT STRUCTURE FOR
ELECTRIC JUNCTION BOX• STRUCTURE DE FIXATION POUR
BOITE DE JONCTION ELECTRIQUE(71) YAZAKI CORPORATION [JP/JP]; 4-28,
Mita 1-chome, Minato-ku, Tokyo 1080073
(JP).(72, 75) YAMAMOTO, Tetsuya [JP/JP]; c/o
Yazaki Parts Co., Ltd., 1360, Kunikane,
Daitocho, Ogasa-gun, Shizuoka 437-1414
(JP). EGAWA, Masatoshi [JP/JP]; c/o Yazaki
Parts Co., Ltd., 1360, Kunikane, Daitocho,
Ogasa-gun, Shizuoka 437-1414 (JP).(74) TAKINO, Hideo et al. / etc.; 4th floor,
Hiroo SK Building, 36-13, Ebisu 2-chome,
Shibuya-ku, Tokyo 150-0013 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H01R 13/74

(11) WO 2004/097997 (13) A1

(21) PCT/US2004/008529

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/424,379 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PANEL MOUNTED ELECTRICAL
CONNECTOR• CONNECTEUR ELECTRIQUE MONTE
SUR UN TABLEAU(71) MOLEX INCORPORATED [US/US];
2222 Wellington Court, Lisle, Illinois 60532
(US).(for all designated States except / pour tous
les États désignés sauf US)(72) CUSSANS, Mark, M.; 6272 Sturbridge
Drive, Kalamazoo, MI 49004 (US). KA-
MARASKAS, Michael, R.; 259 Bedford
Lane, Bloomingdale, IL 60108 (US). MAR-
GULIS, Yan; 20 Arlyd Road, Buffalo Grove,
IL 60089 (US). MUELLER, Scott, M.; 1830
Cambridge Drive, Carpentersville, IL 60110
(US). WIRKUS, Robert; 2817 Breckenridge
Circle, Aurora, IL 60504 (US).(74) WEISS, Stephen, Z.; Molex Incorporated,
2222 Wellington Court, Lisle, IL 60532 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (a)

(51)⁷ H01R 23/00

(11) WO 2004/097998 (13) A2

(21) PCT/FR2004/001020

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05170 28 Apr/avr 2003 FR
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • INTERPOSED ELECTRICAL CON-
NECTOR WHICH IS INTENDED TO
CONNECT TWO STACKED ELEC-
TRONIC CIRCUITS AND TO THE
METHOD OF MOUNTING SAME• CONNECTEUR ELECTRIQUE IN-
TERCALAIRE DESTINE A RELIER
ENTRE EUX DEUX CIRCUITS ELEC-
TRONIQUES SUPERPOSES ET SON
PROCEDE DE MONTAGE(71) VALEO EQUIPEMENTS ELEC-
TRIQUES MOTEUR [FR/FR]; 2, rue
André-Boulle, F-94017 Créteil_Cedex (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ABADIA, Roger [FR/FR]; 39, Avenue
du Nord, F-93360 Neuilly-Plaisance (FR).(74) GAMONAL, Didier; Valéo Equipements
Electriques Moteur, 2, rue André Boulle,
F-94017 Créteil_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 H01R 24/00, 33/00, G09F 13/28, 9/00

(11) WO 2004/097999 (13) A1

(21) PCT/AU2004/000561

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003902073 1 May/mai 2003 AU (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A LIGHTING SUBSTRATE
• SUBSTRAT D'ECLAIRAGE

(71, 72) DEGUARA, Kevin, Raymond [AU/AU]; 1A Avondale Avenue, St Albans, Victoria 3021 (AU).

(74) GRIFFITH HACK; Level 3, 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 39/04, H02K 9/28, H01R 43/06

(11) WO 2004/098000 (13) A1

(21) PCT/DE2004/000890

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 460.6 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ELECTRIC MANUAL MACHINE TOOL DRIVEN BY AN ELECTRIC MOTOR
• MACHINE ELECTRIQUE MANUELLE A ENTRAÎNEMENT ELECTROMOTEUR

(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) LAMPRECHT, Justus [DE/DE]; Zepelinstrasse 26, 72144 Dusslingen (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 H01S 3/06, 3/23

(11) WO 2004/098001 (13) A2

(21) PCT/US2004/013124

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/425,578 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ZIGZAG SLAB LASER AMPLIFIER WITH INTEGRAL REFLECTIVE SURFACE AND METHOD
• AMPLIFICATEUR LASER A PLAQUE EN ZIGZAG PRESENTANT UNE SURFACE REFLECTRICE INTEGREE ET PROCEDE CORRESPONDANT

(71) RAYTHEON COMPANY [US/US]; 870 Winter Steet, Waltham, MA 02451-1449 (US).

(72) REEDER, Robin, A.; 325 E. Oak Avenue, El Segundo, CA 90245 (US). MATTHEWS, Steven, C.; 860 Iliff Street, Pacific Palisades, CA 90272 (US). BETIN, Alexander, A.; 1246 8th Street, Manhattan Beach, CA 90266 (US).

(74) GUNTHER, John, E. et al. / etc.; Raytheon Company, (EO/E4/N119), 2000 East El Segundo Boulevard, 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 H01S 3/067, C03C 3/12, 3/062, 13/04, 4/00

(11) WO 2004/098002 (13) A1

(21) PCT/US2004/006854

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/425,039 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • USE OF GLASSES CONTAINING RARE EARTH OXIDE, ALUMINA,

AND ZIRCONIA AND DOPANT IN OPTICAL WAVEGUIDES

- UTILISATION DE VERRES CONTENANT UN OXYDE DES TERRES RARES, DE L'ALUMINE ET DE LA ZIRCONIE ET UN DOPANT DANS LES GUIDES D'ONDE OPTIQUES

(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) ANDERSON, Mark, T.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BUDD, Kenton, D.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ROSENFLANZ, Anatoly, Z.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SCHARDT, Craig, R.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BARDELL, Scott, A. 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 H01S 3/23, B23K 26/06

(11) WO 2004/098003 (13) A1

(21) PCT/GB2004/001865

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309674.0 29 Apr/avr 2003 GB (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LASER APPARATUS FOR MATERIAL PROCESSING
• APPAREIL A LASER POUR TRAITEMENT DE MATERIAUX

(71) SOUTHAMPTON PHOTONICS LIMITED [GB/GB]; 3 Wellington Park, Tollbar Way, Hedge End, Southampton SO30 2QU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOODS, Stuart, Wayne [US/GB]; Monxton House, 7 Camp Field, King's Somborne, Hampshire SO20 6QB (GB). PARKER, David, Gareth [GB/GB]; Itchen

- Abbas House, Main Road, Itchen Abbas, Hampshire SO21 1BQ (GB). **APPLEYARD, Andrew, Paul** [GB/GB]; 16A Chetwynd Road, Bassett, Southampton, Hampshire SO16 3JB (GB). **VARNHAM, Malcolm, Paul** [GB/GB]; 76 Grange Road, Alresford, Hampshire SO24 9HF (GB).
- (74) **JONES, Graham, Henry**; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 **H01S 5/00, G02B 27/09**
- (11) **WO 2004/098004** (13) A2
- (21) PCT/US2004/012287
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 10/422,206 **24 Apr/avr 2003** US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • DETECTION SYSTEM FOR OPTICAL BEAM POINTING AND SHAPING
• SYSTÈME DE DETECTION POUR POINTAGE ET MISE EN FORME D'UN FAISCEAU OPTIQUE
- (71) **COHERENT, INC.** [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95054 (US).
- (72) **LOFTHOUSE-ZEIS, Jay, T.**; 6028 Alisal Street, Pleasanton, CA 94566 (US). **THONN, Tracy, Francis**; 744 Gail Avenue, Sunnyvale, CA 94086 (US).
- (74) **STALLMAN, Michael, A.** et al. / etc.; Stallman & Pollock LLP, 353 Sacramento Street, Suite 2200, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H01S 5/125, 5/0625, H04B 10/155**
- (11) **WO 2004/098005** (13) A1
- (21) PCT/EP2004/004555
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) de (26) de
- (30) 103 19 817.2 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MULTISECTIONAL LASER
• LASER MULTISECTION
- (71) **NANOPLUS NANOSYSTEMS AND TECHNOLOGIES GMBH** [DE/DE]; Oberer Kirschberg 4, 97218 Gerbrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REITHMAIER, Johann, Peter** [DE/DE]; Wolfgrubenstr. 1a, 97270 Kist (DE). **BACH, Lars** [DE/DE]; An den Ruschenwiesen 18, 01109 Dresden-Klotzsche (DE). **KAISER, Wolfgang** [DE/DE]; St.-Kunigunden-Str. 14, 96138 Burgebrach (DE).
- (74) **NANOPLUS NANOSYSTEMS AND TECHNOLOGIES GMBH**; Oberer Kirschberg 4, 97218 Gerbrunn (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **H01S 5/14, 5/026**
- (11) **WO 2004/098006** (13) A1
- (21) PCT/US2004/008423
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) 10/425,279 **28 Apr/avr 2003** US
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PASSIVE THERMAL COMPENSATION OF LASER WAVELENGTH AND OPTICAL PATH LENGTH IN AN EXTERNAL CAVITY LASER
• COMPENSATION THERMIQUE PASSIVE DE LONGUEUR D'ONDE DU LASER ET DE LONGUEUR DE CHEMIN OPTIQUE DANS UN LASER A CAVITE EXTERNE
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **LI, Ruolin**; 3333 Cabrillo Avenue #124, Santa Clara, CA 95051 (US).
- (74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 5/323**
- (11) **WO 2004/098007** (13) A1
- (21) PCT/JP2004/004974
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) ja (26) ja
- (30) 2003-124044 **28 Apr/avr 2003** JP
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SEMICONDUCTOR LIGHT-EMITTING DEVICE AND METHOD FOR MANUFACTURING SAME
• DISPOSITIF ELECTROLUMINESCENT A SEMI-CONDUCTEURS ET PROCEDE DE PRODUCTION ASSOCIE
- (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) **HASEGAWA, Yoshiaki YOKOGAWA, Toshiya YAMADA, Atsushi**
- (74) **OKUDA, Seiji**; Okuda & Associates, 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02B 7/06, H02G 15/02, 15/08, H01R 4/28, 4/22, 9/24, 11/11**
- (11) **WO 2004/098008** (13) A1
- (21) PCT/AU2004/000543
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) en (26) en
- (30) 2003902039 **28 Apr/avr 2003** AU
(28.04.2003)

(30) 2003906727 **4 Dec/déc 2003** AU
(04.12.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRICAL TERMINATION SYSTEM
• SYSTEME DE BORNE ELECTRIQUE

(71) TAPPAT ENGINEERING PTY LTD
[AU/AU]; 6 Powells Road, Brookvale, NSW
2100 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DANNENBERG, Patrick, Paul
[AU/AU]; 6 Powells Road, Brookvale,
NSW 2100 (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).

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 H02G 3/04, B65D 81/02

(11) WO 2004/098009 (13) A1

(21) PCT/GB2004/001843

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309993.4 **1 May/mai 2003** GB
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A CABLE CONTAINMENT SYSTEM
• SYSTÈME DE CONTENANT POUR
CÂBLES

(71) DKR ELECTRICAL SERVICES (LAN-
CASTER) LIMITED [GB/GB]; Unit 1,
Bridge Side Industrial Park, Warton Road,
Carnforth LA5 9EU (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KELLY, John, Anthony [GB/GB]; 21
Elms Drive, Morecambe, Lancashire LA4
6DG (GB).

(74) CARDWELL, Stuart, Martin et al. / etc.;
Marks & Clerk Liverpool, Tower Building,
Water Street, Liverpool L3 1BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H02G 3/22, F16L 5/02

(11) WO 2004/098010 (13) A1

(21) PCT/SE2004/000639

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0301258-0 **30 Apr/avr 2003** SE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COVER MEANS
• MOYENS DE COUVERTURE

(71) ROXTEC AB [SE/SE]; Box: 540, S-371 23
Karlskrona (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KREUTZ, Tomas [SE/SE]; Ringövägen
89, S-371 60 Lyckeby (SE).

(74) STRÖM & GULLIKSSON IPC AB; P.O.
Box: 4188, S-203 13 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02G 3/30

(11) WO 2004/098011 (13) A1

(21) PCT/GB2003/001922

(22) 2 May/mai 2003 (02.05.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CABLE TIE/FASTENER
• ATTACHE/FIXATION DE CABLE

(71) AHMAD, Javaid [GB/GB]; 497a Katherine
Road, Forest Gate, London E7 8DR (GB).

AHMAD, Daniyal [GB/GB]; 497a Katherine
Road, Forest Gate, London E7 8DR (GB).
AHMAD, Saifullah [GB/GB]; 497a Katherine
Road, Forest Gate, London E7 8DR (GB).

(71, 72) AHMAD, Perwaiz [GB/GB]; 497a
Katherine Road, Forest Gate, London E7
8DR (GB).

(81) AE AG AL 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).

Published / Publiée : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H02H

(11) WO 2004/098012 (13) A2

(21) PCT/US2004/011911

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/465,717 **25 Apr/avr 2003** US
(25.04.2003)

(30) 60/514,861 **27 Oct/oct 2003** US
(27.10.2003)

(30) 10/818,197 **5 Apr/avr 2004** US
(05.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTIVE SENSING AND SWITCHING
DEVICE
• DISPOSITIF ACTIF DE DETECTION
ET DE COMMUTATION

(71) ITT MANUFACTURING ENTER-
PRISES, INC. [US/US]; 1105 North Market
Street, Suite 1217, Wilmington, DE 19801
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PHILLIPS, David, L. [US/US]; 2601
W. Aurora #4, Santa Ana, CA 92704 (US).
MCDONOUGH, William, B. [US/US];
7876 Orchid Drive, Huntington Beach, CA
92648 (US). SANTOS, Ned, M. [US/US];
26711 Rio Bravo Circle, Lake Forest, CA
92630 (US). NAVAL, Rufino, Jr. [PH/US];
32971 Calle San Marcos, San Juan Capis-
trano, CA 92675 (US).

(74) RETTER, James, A.; Ware, Fressola, Van
Der Sluys & Adolphson LLP, Bradford Green,
Building Five, 755 Main Street, P.O. Box 224,
Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02H 7/12

(11) WO 2004/098013 (13) A2

(21) PCT/EP2004/004430

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309801.9 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND ARRANGEMENT FOR TRANSFERRING ELECTRIC POWER TO A POWER CONSUMER

• PROCEDE ET SYSTEME DE TRANSFERT DE COURANT ELECTRIQUE A UN CONSOMMATEUR

(71) BOMBARDIER TRANSPORTATION (TECHNOLOGY) GERMANY GMBH [DE/DE]; Saatwinkler Damm 43, 13627 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REICHELT, Reinhard [DE/DE]; Strassbündten 5, 79790 Küssaberg (DE). VON THADEN, Thoralf [DE/DE]; Altstadt 6, 79650 Schopfheim (DE).

(74) BRUNOTTE, Joachim; Effert, Bressel und Kollegen, Radickestrasse 48, 12489 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02H 9/00

(11) WO 2004/098014 (13) A1

(21) PCT/EP2004/004579

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 793.1 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POWER SUPPLY FOR A MEASURING APPARATUS

• ALIMENTATION EN ENERGIE D'UN APPAREIL DE MESURE

(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) SCHÄFER, Klaus [DE/DE]; Am Hochgericht 26, 79618 Rheinfelden (DE). TRINLER, Jörg [DE/DE]; Brunnstube 10, 79689 Maulburg (DE). KOPRIAN, Alexander [DE/DE]; Auf der Wegscheide 42, 79686 Hasel (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).

(51)⁷ H02H 9/04

(11) WO 2004/098015 (13) A1

(21) PCT/CH2003/000272

(22) 28 Apr/avr 2003 (28.04.2003)

(25) de (26) de

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SURGE PROTECTION DEVICE

• APPAREIL DE PROTECTION CONTRE LES SURTENSIONS

(71) WOERTZ AG [CH/CH]; Hofackerstrasse 47, CH-4132 Muttenz 1 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAMIREZ, Alexandre [FR/FR]; 19, rue Theo Bachmann, F-68300 Saint-Louis (FR).

(74) WERNER, Georges; Patentanwaltsbüro, Troesch Scheidegger Werner AG, Schwänntenmos 14, CH-8126 Zumikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 H02J 1/00

(11) WO 2004/098016 (13) A2

(21) PCT/EP2004/004433

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03388028.7 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LOW-VOLTAGE IC-CIRCUIT

• CIRCUIT INTEGRE BASSE TENSION

(71) BERNAFON AG [CH/CH]; Morgenstrasse 131, CH-3018 Berne (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAESLIN, Hubert [CH/CH]; Zimikerried 28, CH-8603 Schwerzenbach (CH). FELBER, Norbert [CH/CH]; Friedheimstrasse 23, CH-8057 Zürich (CH).

(74) CHRISTENSEN, Mikael, T.; Oticon A/S, Strandvejen 58, 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).

(51)⁷ H02J 1/10

(11) WO 2004/098017 (13) A1

(21) PCT/CA2004/000640

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,136 2 May/mai 2003 US (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEQUENCING POWER SUPPLIES ON DAUGHTER BOARDS

• SEQUENCEMENT D'ALIMENTATIONS SUR DES CARTES FILLES

(71) POTENTIA SEMICONDUCTOR, INC. [US/US]; 1209 Orange Street, Wilmington, Delaware 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWN, David Alan [CA/CA]; 110 Alissia Cr., RR3, Carp, Ontario K0A 1L0 (CA). GUHER, Muge [CA/CA]; 80 Kenilworth Street, Ottawa, Ontario K1Y 3Y7 (CA).

(74) SMART & BIGGAR; P.O. Box 2999, Station D, 900- 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H02J 5/00, H04B 5/00, H01F 38/14, H04L 5/14

(11) WO 2004/098018 (13) A1

(21) PCT/EP2004/004056

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 19 248.4 28 Apr/avr 2003 DE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SLIPRING COMPRISING A SLIDEWAY
THAT IS SUBJECT TO LOSS

• BAGUE DE GLISSEMENT A BANDE
DE GLISSEMENT PRESENTANT DES
PERTES

(71) SCHLEIFRING UND APPARATEBAU
GMBH [DE/DE]; Am Hardtanger 10, 82256
Fürstenfeldbruck (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KRUMME, Nils [DE/DE]; Jahnstr. 13a,
82340 Feldafing (DE).

(74) LOHR, Georg; Hauptstr. 40, 82223
Eichenau (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 H02J 7/00

(11) WO 2004/098019 (13) A1

(21) PCT/CA2004/000659

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309804.3 29 Apr/avr 2003 GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTIPLE FUNCTION CUR-
RENT-SHARING CHARGING SYSTEM
AND METHOD

• SYSTEME ET PROCEDE DE CHARGE
A PARTAGE DE COURANT MULTI-
FONCTIONS

(71) RESEARCH IN MOTION LIMITED
[CA/CA]; 295 Phillip Street, Waterloo, On-
tario N2L 3W8 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAYNE, Ryan, M. [CA/CA]; 443 Hazel
Street, Apt 9, Waterloo, Ontario N2L 3P7
(CA). SIMOES, Felipe, O. [CA/CA]; 61
Lynnvalley Cres., Kitchener, Ontario N2N

3B2 (CA). TODD, Colin, N. [CA/CA]; 151
Avondale Ave S., Waterloo, Ontario N2L
2C5 (CA).

(74) POWELL, Matthew, D.; 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).

Published / Publiée : (c)

(51)⁷ H02J 7/00

(11) WO 2004/098020 (13) A1

(21) PCT/CA2004/000663

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309942.1 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHARGING STATUS INDICATOR
CONTROL SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE COM-
MANDE D'INDICATEUR D'ETAT DE
CHARGE

(71) RESEARCH IN MOTION LIMITED
[CA/CA]; 295 Phillip Street, Waterloo, On-
tario N2L 3W8 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAYNE, Ryan, M. [CA/CA]; 443 Hazel
Street, Apt 9, Waterloo, Ontario N2L 3P7
(CA). SKARINE, Alexei [CA/CA]; 74
Churchill Street, Unit 4, Waterloo, Ontario
N2L 2X2 (CA). GREEN, Steve [US/CA];
718 Cedar Bend Dr, Waterloo, Ontario N2V
2R2 (CA).

(74) POWELL, Matthew, D.; 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).

Published / Publiée : (c)

(51)⁷ H02J 7/00

(11) WO 2004/098021 (13) A1

(21) PCT/SE2004/000641

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0301252-3 30 Apr/avr 2003 SE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AT A BATTERY CHARGER
• PROCEDES MIS EN OEUVRE AU NI-
VEAU D'UN CHARGEUR DE BATTE-
RIE

(71) CREATOR TEKNISK UTVECKLING
[SE/SE]; Rostugnsvägen 3, S-776 70
Vikmanshyttan (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MALEUS, Börje [SE/SE]; Tennringen
22, S-176 74 Järfälla (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ
AB; PO BOX 171 92, S-103 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 H02K 1/06, 1/27, 21/14

(11) WO 2004/098022 (13) A1

(21) PCT/GB2004/001822

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309527.0 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMPROVEMENTS IN ELECTRICAL
MACHINES

• AMELIORATIONS APPORTEES AUX
MACHINES ELECTRIQUES

(71) ELECTRO MAGNETIC RAMS LIM-
ITED [GB/GB]; 15 Old Grove Close,
Cheshunt, Hertfordshire EN7 6UN (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DENNE, Phillip, Raymond [GB/GB];
7 Lyndon Gate, Chine Crescent Road,
Bournemouth, Dorset BH2 5LW (GB).

(74) CRAWFORD, Andrew, B. 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 H02K 1/14

(11) WO 2004/098023 (13) A1

(21) PCT/DE2004/000317

(22) 20 Feb/fév 2004 (20.02.2004)

(25) de (26) de

(30) 103 19 190.9 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRIC MACHINE
• MACHINE ELECTRIQUE

(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) EVANS, Steven-Andrew [GB/DE];
Berliner Strasse 10, 77813 Buehl (DE).
MECROW, Barrie, C. [GB/GB]; 50
Haddington Road, Whitley Bay, Tyne and
Wear NE25 9UY (GB). JACK, Alan, G
[GB/GB]; Milestone House, Allendale Road,
Hexham, Northumberland NE46 2NB (GB).

(74) ROBERT BOSCH GMBH; Postfach 30 03
30, 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 H02K 1/17

(11) WO 2004/098024 (13) A1

(21) PCT/JP2004/004615

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-097395 31 Mar/mar 2003 JP
(31.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PERMANENT MAGNET MEMBER
FOR VOICE COIL MOTOR AND VOICE
COIL MOTOR
• ELEMENT A AIMANT PERMANENT
POUR MOTEUR A BOBINE MOBILE,
ET MOTEUR A BOBINE MOBILE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo, 1038272 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAKAMOTO, Takeshi [JP/JP]; c/o
TDK Corporation, 1-13-1, Nihonbashi,
Chuo-ku, Tokyo, 1038272 (JP). YA-
MAMOTO, Tomomi [JP/JP]; c/o TDK
Corporation, 1-13-1, Nihonbashi, Chuo-ku
, Tokyo, 1038272 (JP). IWAII, Tatsuhiko
[JP/JP]; c/o TDK Corporation, 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo, 1038272 (JP).
NAKAYAMA, Yasuyuki [JP/JP]; c/o TDK
Corporation, 1-13-1, Nihonbashi, Chuo-ku,
Tokyo, 1038272 (JP).

(74) HASEGAWA, Yoshiaki et al. / etc.; SOEI
PATENT AND LAW FIRM, Ginza First
Bldg. 10-6, Ginza 1-chome, Chuo-ku, Tokyo,
1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H02K 3/47, 15/04

(11) WO 2004/098025 (13) A1

(21) PCT/DK2004/000278

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) PA 2003 00635 28 Apr/avr 2003 DK
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SLOTLESS STATOR WITH AN EX-
PANDING MEMBER TO FIX THE
WINDING
• STATOR SANS ENCOCHES COMPRE-
NANT UN ELEMENT D'EXPANSION
PERMETTANT DE FIXER LA BOBINE

(71) CONVEC A/S [DK/DK]; Drejergangen 3B,
1th, DK-2690 Karlslunde (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HANSEN, Ole [DK/DK]; Strandhøjsvej
7, DK-3050 Humlebæk (DK).

(74) NISSEN, Georg; Danfoss A/S, Patent De-
partment, 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 5/15, 15/14, 5/10

(11) WO 2004/098026 (13) A1

(21) PCT/DE2004/000403

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 19 189.5 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRIC MACHINE COMPRISING A
FOLDING JOINT
• MACHINE ELECTRIQUE A ASSEM-
BLAGE A FEUILLURE

(71) ROBERT BOSCH GMBH [US/US]; Post-
fach 30 02 20, 70442 Stuttgart (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DREWE, Ingo [DE/DE]; Beethoven-
strasse 4, 77815 Buehl (DE). ZINK, Thomas
[DE/DE]; Bertolt Brecht Strasse 70b, 77855
Achern (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 H02K 11/02

(11) WO 2004/098027 (13) A1

(21) PCT/DE2004/000354

(22) 26 Feb/fév 2004 (26.02.2004)

(25) de (26) de

(30) 103 18 734.0 25 Apr/avr 2003 DE
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRIC MACHINE PROVIDED
WITH AN INDEPENDENT INTER-
FERENCE SUPPRESSION PRINTED
CIRCUIT BOARD
• MACHINE ELECTRIQUE
COMPORTANT UNE PLAQUE
D'ANTIPARASITAGE SEPARÉE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).

(72) SCHMIEDERER, Claus; Niederfeldstr. 18,
77688 Rheinau-Freistett (DE). FREUND,
Stefan; Feldstrasse 14, 76571 Gaggenau
(DE). HUCK, Thomas; Nelkenstrasse 32,
77836 Rheinmuenster (DE). THOENE, Hol-
ger; Hindenburgstrasse 9a, 76437 Rastatt
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK

DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H02K 15/12

(11) WO 2004/098028 (13) A1

(21) PCT/JP2003/005454

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PROCESS FOR PRODUCING STATOR
OF DYNAMO-ELECTRIC MACHINE

- PROCÉDÉ DE FABRICATION D'UN
STATOR POUR MACHINE DYNAMO-
ÉLECTRIQUE

- (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) OOHASHI, Atsushi [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). FUJII, Masayuki [JP/JP];
c/o Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP).

- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ H02K 16/04

(11) WO 2004/098029 (13) A1

(21) PCT/EP2004/004444

(22) 27 Apr/avr 2004 (27.04.2004)

(25) de (26) de

(30) 103 19 081.3 28 Apr/avr 2003 DE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ELECTRODYNAMIC DRIVE UNIT

- SYSTEME D'ENTRAÎNEMENT ELEC-
TRODYNAMIQUE

- (71) TECHNISCHE UNIVERSITÄT DARM-
STADT [DE/DE]; Karolinenplatz 5, 64289
Darmstadt (DE).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) KERN, Thorsten [DE/DE]; Im Säbchen
5, 64323 Seeheim-Jugenheim (DE).

- (74) WEBER-BRULS, Dorothée et al. / etc.;
Boehmert & Boehmert, 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).

Published / Publiée : (c)

(51)⁷ H02K 19/10

(11) WO 2004/098030 (13) A1

(21) PCT/DE2004/000657

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 19 394.4 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SWITCHED RELUCTANCE MACHINE,
ESPECIALLY AN SR-MOTOR

- MACHINE A RELUCTANCE COU-
PLEE, NOTAMMENT MOTEUR A
RELUCTANCE COUPLE

- (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) KARRELMAYER, Roland [DE/DE];
Antonia-Visconti-Strasse 52, 74321 Bi-
etigheim-Bissingen (DE). DILGER, Elmar
[DE/DE]; Bosslerweg 10, 70771 Lein-
felden-Echterdingen (DE). WATSCHER,
Markus [DE/DE]; Panoramastrasse 7, 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).

Published / Publiée : (c)

(51)⁷ H02K 41/02

(11) WO 2004/098031 (13) A1

(21) PCT/GB2004/001819

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0309529.6 28 Apr/avr 2003 GB
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LINEAR ELECTRIC MOTOR

- MOTEUR ELECTRIQUE LINEAIRE

- (71) ELECTRO MAGNETIC RAMS LIM-
ITED [GB/GB]; 15 Old Grove Close,
Cheshunt, Hertfordshire EN7 6UN (GB).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) DENNE, Phillip, Raymond [GB/GB];
7 Lyndon Gate, Chine Crescent Road,
Bournemouth, Dorset BH2 5LW (GB).

- (74) CRAWFORD, Andrew, B.; A A Thornton &
Co, 235 High Holborn, London WC1V 7LE
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 1/00, 3/335

(11) WO 2004/098032 (13) A1

(21) PCT/CA2004/000644

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,099 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • POWER SUPPLY ARRANGEMENTS

- SYSTEMES D'ALIMENTATION DE
PUISSANCE

- (71) POTENTIA SEMICONDUCTOR, INC.
[US/US]; 1209 Orange Street, Wilmington,
DE 19801 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) COLBECK, Roger, Peter [GB/CA];
6300 Fernbank Road, Stittsville, Ontario K2S
1X5 (CA). DUVNJAK, Rajko [CA/CA];
12 Gray Crescent, Kanata, Ontario K2K 3J5
(CA).

- (74) SMART & BIGGAR et al. / etc.; P.O. Box
2999, Station D, 900- 55 Metcalfe Street, Ot-
tawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02M 3/00, G06F 13/40

(11) WO 2004/098033 (13) A1

(21) PCT/CA2004/000642

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,105 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SEQUENCING POWER SUPPLIES

• SEQUENÇAGE D'ALIMENTATIONS
ELECTRIQUES(71) POTENTIA SEMICONDUCTOR, INC.
[US/US]; 1209 Orange Street, Wilmington,
Delaware 19801 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BROWN, David, Alan [CA/CA]; 110
Alissia Crescent, RR3, Carp, Ontario K0A
1L0 (CA). GUHER, Muge [CA/CA]; 80 Ke-
nilworth Street, Ottawa, Ontario K1Y 3Y7
(CA).(74) SMART & BIGGAR; P.O. Box 2999, Sta-
tion D, 900 - 55 Metcalfe Street, Ottawa, On-
tario K1P 5Y6 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 3/155

(11) WO 2004/098034 (13) A1

(21) PCT/JP2004/005756

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003-123820 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • STEP-UP/DOWN DC-DC CONVERTER

• CONVERTISSEUR CONTINU-
CONTINU ELEVATEUR/ABAISSSEUR
DE TENSION(71) RICOH COMPANY, LTD. [JP/JP]; 3-6,
Nakamagome 1-chome, Ohta-ku, Tokyo
1438555 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NITTA, Shohichi [JP/JP]; 11-5-606,
Nishimidorigaoka 3-chome, Toyonaka-shi,
Osaka 5600005 (JP). MATSUO, Masahiro
[JP/JP]; 6-9, Sakuragaokanishimachi
2-chome, Nishi-ku, Kobe-shi, Hyogo
6512227 (JP). NOMURA, Ritsuko [JP/JP];
9-35-406, Eirakusou 1-chome, Toyonaka-shi,
Osaka 5600051 (JP).(74) ITOH, Tadahiko; 32nd Floor, Yebisu
Garden Place Tower, 20-3 Ebisu 4-chome,
Shibuya-ku, Tokyo 1506032 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H02M 3/28, H02J 7/34, H01M 8/04

(11) WO 2004/098035 (13) A1

(21) PCT/CA2004/000628

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/426,942 29 Apr/avr 2003 US
(29.04.2003)(30) 10/654,872 4 Sep/sep 2003 US
(04.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POWER CONVERTER ARCHITEC-
TURE AND METHOD FOR INTE-
GRATED FUEL CELL BASED POWER
SUPPLIES• ARCHITECTURE ET PROCEDE A
CONVERTISSEUR D'ENERGIE POUR
FOURNITURE D'ENERGIE A PARTIR
DE PILES A COMBUSTIBLE INTE-
GRES(71) BALLARD POWER SYSTEMS INC.
[CA/CA]; 4343 North Fraser Way, Burnaby,
British Columbia V5J 5J9 (CA).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ZHU, Lizhi [CN/US]; 48580 Greenwich
Circle, Canton, MI 48188 (US). HAMPO,
Richard, J. [US/US]; 13745 Embers Court,
Plymouth, MI 48170 (US). WELLS, Brian,
W. [CA/CA]; 159 West 18th Avenue, Vancou-
ver, British Columbia V5Y 2A6 (CA).(74) DE KOCK, Elbie, R. et al. / etc.; Rus-
sell Reyneke Law Corp., Suite 700-Two Ben-
tall Centre, 555 Burrard Street, Vancouver,
British Columbia V7X 1M8 (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 H02M 3/335

(11) WO 2004/098036 (13) A1

(21) PCT/CA2004/000634

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10/428,095 2 May/mai 2003 US
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POWER SUPPLY CONTROLLER

• UNITE DE COMMANDE DE FOURNI-
TURE D'ENERGIE(71) POTENTIA SEMICONDUCTOR, INC.
[US/US]; 1209 Orange Street, Wilmington,
DE 19801 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ORR, Raymond Kenneth [CA/CA]; 21
Reaney Court, Kanata, Ontario K2K 1W7
(CA). LIU, Yan-Fei [CA/CA]; 41 Flower
Tree Crescent, Kanata, Ontario K2M 2R8
(CA). COLBECK, Roger Peter [GB/CA];
6300 Fernbank Road, Stittsville, Ontario K2S
1X5 (CA). BROWN, David Alan [CA/CA];
110 Alissia Crescent, RR#3, Carp, Ontario
K0A 1L0 (CA). HOROWITZ, Hartley
Fred [CA/CA]; 97 Ross Avenue, Ottawa,
Ontario K1Y 0N6 (CA).(74) SMART & BIGGAR et al. / etc.; 900 - 55
Metcalfe Street, P.O. Box 2999, Station D, Ot-
tawa, Ontario K1P 5Y6 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI 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 3/335, G05F 1/46

(11) WO 2004/098037 (13) A1

(21) PCT/RU2003/000583

(22) 25 Dec/déc 2003 (25.12.2003)

(25) ru (26) ru

(30) 2003112040 25 Apr/avr 2003 RU
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTINUOUS CURRENT CONVERTER

• CONVERTISSEUR DE COURANT
CONTINU(71, 72) GONCHAROV, Alexander Jure-
vich [RU/RU]; Proektiruemy proezd, 5489,
18-2-240, Moscow, 123007 (RU).(74) KRYJANOVSKI, Boris Ivanovich; ul.
Dnepropetrovskaya, 16-3-76, Moscow,
117570 (RU).

(81) CN JP SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H02M 7/162, 5/45

(11) WO 2004/098038 (13) A1

(21) PCT/FI2004/000241

(22) 20 Apr/avr 2004 (20.04.2004)

(25) fi (26) en

(30) 20030632 25 Apr/avr 2003 FI (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF CONTROLLING HALF-CONTROLLED RECTIFIER, AND RECTIFIER STRUCTURE

• PROCEDE DE COMMANDE D'UN REDRESSEUR SEMI-COMMANDE ET STRUCTURE DE REDRESSEUR

(71) ABBOY [FI/FI]; Strömbergintie 1, FI-00380 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIETTINEN, Erkki [FI/FI]; Kirkkokatu 1 b A, FI-00170 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H02N 2/16

(11) WO 2004/098039 (13) A2

(21) PCT/FR2004/001036

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05145 28 Apr/avr 2003 FR (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PIEZOELECTRIC MOTOR ALLOWING AT LEAST TWO DEGREES OF FREEDOM, IN ROTATION AND LINEAR DISPLACEMENT

• MOTEUR PIEZOELECTRIQUE PERMETTANT AU MOINS DEUX DEGRES DE LIBERTE, EN ROTATION ET EN DEPLACEMENT LINEAIRE

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE [FR/FR]; 6, allée Emile Monso, BP 4038, F-31029 Toulouse cedex 4 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUDINGER, Marc, René, Christian [FR/FR]; 26, rue Dupont, F-31500 Toulouse (FR). ROUCHON, Jean-François, Roland [FR/FR]; 65, chemin de l'Ousse, F-31600 Muret (FR). NOGAREDE, Bertrand [FR/FR]; 12, rue Mercadier, F-31000 Toulouse (FR).

(74) PONTET, Bernard et al. / etc.; Pontet Alano & Associés Sclarl, 25, rue Jean Rostand, Parc Club Orsay Université, F-91893 Orsay 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).

(51)⁷ H02N 11/00

(11) WO 2004/098040 (13) A1

(21) PCT/JP2004/005990

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-122658 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CURVE DRIVER AND MICRODEVICE
• ELEMENT D'ENTRAINEMENT POUR COURBES ET MICRO-DISPOSITIF

(71) EAMEX CORPORATION [JP/JP]; 5-16-608, Uho-cho, Ikeda-shi, Osaka 5630042 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAMA, Tetsuji [JP/JP]; c/o Eamex Corporation, 5-16-608, Uho-cho, Ikeda-shi, Osaka 5630042 (JP). HARA, Susumu [JP/JP]; c/o Eamex Corporation, 5-16-608, Uho-cho, Ikeda-shi, Osaka 5630042 (JP). SEWA, Shingo [JP/JP]; c/o Eamex Corporation, 5-16-608, Uho-cho, Ikeda-shi, Osaka 5630042 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03C 1/00, H03D 1/00

(11) WO 2004/098041 (13) A1

(21) PCT/DE2004/000222

(22) 9 Feb/fév 2004 (09.02.2004)

(25) de (26) de

(30) 103 19 636.6 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MODULATING A CARRIER SIGNAL, AND METHOD FOR DEMODULATING A MODULATED CARRIER SIGNAL

• PROCEDE DE MODULATION D'UN SIGNAL PORTEUR ET PROCEDE DE DEMODULATION D'UN SIGNAL PORTEUR MODULE

(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) HUBER, Klaus [DE/US]; University of Illinois, Coordinated Science Laboratory, 1308 West Main Street, Urbana, IL 61801-2307 (US).

(74) DEUTSCHE TELEKOM AG; Am Kavaleriesand 3, 64295 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03D

(11) WO 2004/098042 (13) A2

(21) PCT/US2004/012881

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/425,335 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACTIVELY MATCHED CEN-
TER-TAPPED MARCHAND BAL-
ANCED MIXER

• MELANGEUR SYMETRIQUE MAR-
CHAND A PRISE MEDIANE ET A
ADAPTATION ACTIVE

(71) SIRENZA MICRODEVICES, INC.
[US/US]; 303 South Technology Court,
Broomfield, CO 80021 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KOBAYASHI, Kevin [US/US]; 23005
Carlow Road, Torrance, CA 90505 (US).

(74) MAIORANA, Christopher; 24840 Harper
Avenue, Suite 100, St. Clair Shores, MI
48080 (US).

(81) AE AG AL 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
SN TD TG).

(51)⁷ H03D 7/14

(11) WO 2004/098043 (13) A2

(21) PCT/IB2004/050524

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03101180.2 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MIXER-SYSTEM WITH GAIN-
BLOCKS AND SWITCHES

• SYSTEME MELANGEUR MUNI DE
BLOCS DE GAIN ET DE COMMUTA-
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) NORDHOLT, Ernst, H. [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 ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 1/00, 3/68

(11) WO 2004/098044 (13) A1

(21) PCT/US2003/009633

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH SPEED HIGH GAIN AMPLIFIER
• AMPLIFICATEUR DE GAIN ELEVE
HAUTE VITESSE

(71) ESS TECHNOLOGY, INC. [US/US];
48401 Fremont Boulevard, Fremont, CA
94538 (US).

(71, 72) MALLINSON, Andrew, Martin
[CA/CA]; ESS Technology, Inc., 48401
Fremont Boulevard, Fremont, CA 94538
(US).

(74) STEVENS, David, R.; Stevens Law Group,
P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)*

(51)⁷ H03F 1/32, H03G 3/30, 3/20

(11) WO 2004/098045 (13) A1

(21) PCT/EP2003/004526

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR POWER
AMPLIFIER WITH HIGH ACCURACY
OF AN OUTPUT SIGNAL

• PROCEDE ET DISPOSITIF DESTINES
A UN AMPLIFICATEUR DE PUIS-
SANCE DE SIGNAL DE SORTIE
HAUTE PRECISION

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ) [SE/SE]; S-164 83 Stockholm
(SE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KEHLENBACH, Werner [DE/DE]; Dr.
Carlo-Schmid-Strasse 146, 90491 Nürnberg
(DE). LIPKA, Dietmar [DE/DE]; Kastanien-
weg 11, 92348 Berg (DE).

(74) TONSCHEIDT, Andreas; Ericsson Eurolab
Deutschland GmbH, Ericsson Allee 1, 52134
Herzogenrath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)*

(51)⁷ H03F 1/32, 3/185

(11) WO 2004/098046 (13) A1

(21) PCT/IB2004/050535

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03101179.4 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CLASS A AMPLIFIER

• AMPLIFICATEUR DE CLASSE A

(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) VOSSEN, Fransiscus, J. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03F 3/45

(11) WO 2004/098047 (13) A1

(21) PCT/US2003/031769

(22) 6 Oct/oct 2003 (06.10.2003)

(25) en (26) en

(30) 60/458,908 28 Mar/mar 2003 US (28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CURRENT MODE SWITCH CAPACITOR CIRCUIT

• CIRCUIT À CONDENSATEURS DE COMMUTATION DE MODE DE COURANT

(71) ESS TECHNOLOGY, INC. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MALLINSON, Andrew, Martin [CA/CA]; Ess Technology, Inc., 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(74) STEVENS, David, R.; Stevens Law Group, P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H03F 3/45

(11) WO 2004/098048 (13) A2

(21) PCT/US2004/009031

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/425,505 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AMPLIFIER APPARATUS, METHOD, AND SYSTEM

• APPAREIL, PROCÉDE ET SYSTÈME RELATIFS A UN AMPLIFICATEUR

(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) JAUSSI, James; 1469 N.E. Glen Ellen Drive, Hillsboro, OR 97124 (US).

(74) LEMOINE, Dana, A. et al. / etc.; Lemoine Patent Services, PLLC, c/o Portfolio IP, P.O. Box 52050, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 3/45, 3/26

(11) WO 2004/098049 (13) A1

(21) PCT/US2004/009177

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/423,141 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CIRCUIT FOR IMPROVED DIFFERENTIAL AMPLIFIER AND OTHER APPLICATIONS

• CIRCUIT POUR AMPLIFICATEUR DIFFÉRENTIEL PERFECTIONNÉ ET D'AUTRES APPLICATIONS

(71) OMEGA RECEPTION TECHNOLOGIES, INC. [US/US]; 468 Yolanda Avenue, Suite 304, Santa Rosa, CA 95404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWN, Albert, Warren [US/US]; 468 Yolanda Avenue, Suite 304, Santa Rosa, CA 95404 (US).

(74) LATHROP, David, N. et al. / etc.; Gallagher & Lathrop, 601 California Street, Suite 1111, San Francisco, CA 94108-2805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03G

(11) WO 2004/098050 (13) A2

(21) PCT/US2004/011657

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/423,829 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VOLUME CONTROL IN MOVIE THEATERS

• REGLAGE DU VOLUME DANS LES CINÉMAS

(71) DOLBY LABORATORIES LICENSING CORPORATION [US/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACOBS, Stephen, M. [US/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US).

(74) GALLAGHER, Thomas, A. et al. / etc.; Gallagher & Lathrop, 601 California Street, Suite 1111, San Francisco, CA 94108-2805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03G 3/30, H03M 1/18

(11) WO 2004/098051 (13) A1

(21) PCT/EP2004/004337

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03009564.0 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND CIRCUIT FOR CONTROLLING AMPLIFICATION

• PROCÉDE ET CIRCUIT DE RÉGULATION D'AMPLIFICATION

(71) COREOPTICS INC. [US/US]; c/o The Corporation Trust Center, 1209 Orange Street, City of Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGENBACH, Stefan** [DE/DE]; Virchowstrasse 34a, 90409 Nürnberg (DE). **STOJANOVIC, Nebojsa** [YU/DE]; Wittelsbacherstr. 8, 80469 München (DE).

(74) **HELLMICH, Wolfgang**; Ernsbergerstrasse 14, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H03G 3/30

(11) WO 2004/098052 (13) A1

(21) PCT/IB2004/001219

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) PCT/SG03/00106 29 Apr/avr 2003 SG (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECEIVER CIRCUIT WITH ADJUSTABLE IF AMPLIFIER GAIN

• CIRCUIT RECEPTEUR DOTE D'UN GAIN D'AMPLIFICATEUR A FREQUENCE INTERMEDIAIRE REGLABLE

(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) **YEO, Alan Chin Leong** [SG/SG]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **TAN, Adeline Chuu Ling** [SG/SG]; 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 9/00

(11) WO 2004/098053 (13) A2

(21) PCT/US2004/012629

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/423,487 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VOLUME AND COMPRESSION CONTROL IN MOVIE THEATERS

• COMMANDE DU VOLUME ET DE LA COMPRESSION DANS DES SALLES DE CINEMA

(71) **DOLBY LABORATORIES LICENSING CORPORATION** [US/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNDRY, Kenneth, James** [GB/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US). **ILES, John** [GB/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US). **DRESSLER, Roger, Wallace** [US/US]; 100 Potrero Avenue, San Francisco, CA 94103 (US).

(74) **GALLAGHER, Thomas, A. et al.** / etc.; Gallagher & Lathrop, A Professional Corporation, Suite 1111, 601 California Street, San Francisco, CA 94108-2805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/02

(11) WO 2004/098054 (13) A1

(21) PCT/IB2004/001226

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101181.0 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DIGITAL FILTER CONFIGURATION

• CONFIGURATION DE FILTRE NUMERIQUE

(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).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW SZ BE CY)

(72, 75) **MATSCHULLAT, Frank** [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03K 3/00

(11) WO 2004/098055 (13) A1

(21) PCT/DE2004/000114

(22) 26 Jan/jan 2004 (26.01.2004)

- (25) de (26) de
- (30) 103 19 556.4 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • OSCILLATOR ASSEMBLY AND METHOD FOR PRODUCING A MULTI-FREQUENCY OUTPUT SIGNAL
- ENSEMBLE OSCILLATEUR ET PROCEDE DE PRODUCTION D'UN SIGNAL DE SORTIE MULTIPLIE EN FREQUENCE
- (71) FUJITSU SIEMENS COMPUTERS GMBH [DE/DE]; Domagkstrasse 28, 80807 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUSCH, Peter [DE/DE]; Flugfeldstrasse 16, 86179 Augsburg (DE).
- (74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; P.O. Box 200734, 80007 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 H03K 5/08, G01R 31/02
- (11) WO 2004/098056 (13) A2
- (21) PCT/FR2004/000988
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) fr (26) fr
- (30) 03/05033 **24 Apr/avr 2003** FR
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • INPUT STAGE OF A PROCESSING UNIT
- ETAGE D'ENTRÉE D'UNE UNITE DE TRAITEMENT
- (71) HONEYWELL [FR/FR]; Parc Technologique de Saint Aubin, Route de l'Orme CD 128, F-91190 Saint Aubin (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARNICELLI, Vito [FR/FR]; 20, avenue de la République, F-38170 Seyssinet Pariset (FR). LENOIR, Jean-Christophe [FR/FR]; 463, route du Vernion, Belmont, F-38410 Vaulnavéys Le Haut (FR). SIMON, Jean-Luc [FR/FR]; 16, cours de la Libération, F-38100 Grenoble (FR). BOUTEILLE, Jean-Michel [FR/FR]; 4, rue Jean Racine, F-38320 Eybens (FR).
- (74) HECKE, Gérard/JOUVRAY, Marie-Andrée; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, BP 1537, F-38025 Grenoble 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/00
- (11) WO 2004/098057 (13) A2
- (21) PCT/FR2004/000938
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) fr (26) fr
- (30) 03/05129 **25 Apr/avr 2003** FR
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SEMICONDUCTOR ELECTRIC SWITCH AND USE THEREOF
- INTERRUPTEUR ELECTRIQUE A SEMI-CONDUCTEURS, ET APPLICATION
- (71) LEGRAND [FR/FR]; 128, avenue du Maréchal de Lattre de Tassigny, F-87000 Limoges (FR). LEGRAND SNC [FR/FR]; 128, rue du Maréchal de Lattre de Tassigny, F-87000 Limoges (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DELAPORTE, Alain [FR/FR]; Les Crouzettes, F-87220 Auriel (FR). DORE, Pascal [FR/FR]; 9, rue du Clos Jargot, F-87000 Limoges (FR).
- (74) BENTZ, Jean-Paul; Cabinet Ballot, 122, rue Edouard Vaillant, F-92593 Levallois-Perret (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 H03K 17/22
- (11) WO 2004/098058 (13) A1
- (21) PCT/CA2004/000638
- (22) 30 Apr/avr 2004 (30.04.2004)
- (25) en (26) en
- (30) 10/428,106 **2 May/mai 2003** US
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • POWER-ON RESET CIRCUIT

- CIRCUIT DE REMISE A ZERO A LA MISE SOUS TENSION

- (71) POTENTIA SEMICONDUCTOR, INC. [US/US]; 1209 Orange Street, Wilmington, Delaware 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLBECK, Roger Peter [GB/CA]; 6300 Fernbank Road, Stittsville, Ontario K2S 1X5 (CA). BRKIC, Ognjen [CA/CA]; 4475 Shoreline Drive, Ottawa, Ontario K1V 1S7 (CA).
- (74) SMART & BIGGAR et al. / etc.; P.O. Box 2999, Station D, 900 - 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H03K 17/26, 17/16, H04B 3/54, G08C 19/02
- (11) WO 2004/098059 (13) A1
- (21) PCT/EP2004/003357
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 03009468.4 **25 Apr/avr 2003** EP
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CONTROL INPUT CIRCUIT FOR AN ELECTRICAL DEVICE
- CIRCUIT D'ENTREE DE COMMANDE POUR UN APPAREIL ELECTRIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) APFELBACHER, Walter [DE/DE]; Wiesenstr. 35, 92271 Freihung (DE). REICHENBACH, Norbert [DE/DE]; Thomas-Mann-Str. 7, 92224 Amberg (DE). SEITZ, Johann [DE/DE]; Im Drillingsfeld 14, 92224 Amberg (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H03K 17/687

(11) WO 2004/098060 (13) A1

(21) PCT/GB2004/001793

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2427039 29 Apr/avr 2003 CA
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH SPEED BI-DIRECTIONAL
SOLID STATE SWITCH

• COMMUTATEUR TRANSISTORISE BI-
DIRECTIONNEL ULTRARAPIDE

(71) KINETRICS INC [CA/CA]; 800 Kipling
Avenue, Toronto, Ontario M8Z 6C4 (CA).
(for all designated States except / pour tous
les États désignés sauf PG)

(71) AEA Technology plc [GB/GB]; 329 Har-
well, Didcot, Oxfordshire OX11 0QJ (GB).
(only for / seulement pour PG)

(72) DE BUDA, Eric, George; 4 Martinview
Court, Toronto, Ontario M9B 2P7 (CA).

(74) MANSFIELD, Peter, Turquand et al. / etc.;
Accentus plc, Patent Dept., 329 Harwell, Did-
cot, 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 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
designation / pour la désignation suivante : PG

(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 : PG

(51)⁷ H03K 19/086

(11) WO 2004/098061 (13) A1

(21) PCT/EP2004/001615

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 19 089.9 28 Apr/avr 2003 DE
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLIP-FLOP CIRCUIT ASSEMBLY

• ENSEMBLE BASCULE

(71) AUSTRIAMICROSYSTEMS AG
[AT/AT]; Schloss Premstätten, Unterprem-
stätten 8141 (AT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HÖSS, Wolfgang [AT/AT]; Dr.-Lemis-
chstrasse 15, Graz 8054 (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 DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H03M

(11) WO 2004/098062 (13) A2

(21) PCT/US2004/012577

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,710 24 Apr/avr 2003 US
(24.04.2003)

(30) 10/787,870 25 Feb/fév 2004 US
(25.02.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMBINED DIGITAL-TO-ANALOG
CONVERTER AND SIGNAL FILTER

• CONVERTISSEUR NUMERIQUE-
ANALOGIQUE ET FILTRE DE SI-
GNAL COMBINES

(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) BURKE, Joseph, Patrick [US/US];
3478 Corte Clarita, Carlsbad, CA 92009
(US).

(74) MINHAS, Sandip et al. / etc.; 5775 More-
house Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL PL PT RO SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations; (t) for all designations / pour
toutes les désignations

(51)⁷ H03M 1/12

(11) WO 2004/098063 (13) A1

(21) PCT/EP2004/004639

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 03291060.6 30 Apr/avr 2003 EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR RE-
DUCED POWER CONSUMPTION ADC
CONVERSION

• PROCEDE ET APPAREIL POUR
CONVERSION ANALOGIQUE/NU-
MERIQUE A CONSOMMATION
D'ENERGIE REDUITE

(71) FREESCALE SEMICONDUCTOR, INC.
[US/US]; 6501 William Cannon Drive West,
Austin, TX 78735 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MUCK, Markus [FR/FR]; 67/69 rue
de la colonie, F-75013 Paris (FR). LABBE',
Patrick [FR/FR]; 29-31 rue Boussingault,
F-75013 Paris (FR). COURVILLE, Marc
[FR/FR]; 43, rue du moulin vert, F-75014
Paris (FR).

(74) WHARMBY, Martin, Angus; Freescale
Semiconducteurs France SAS, Parc Les Al-
gorithmes, Saint-Aubin, F-91193 Gif Sur
Yvette (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 H03M 3/00

(11) WO 2004/098064 (13) A2

(21) PCT/CA2004/000629

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/426,942 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • POWER CONVERTER ARCHITEC-
TURE AND METHOD FOR INTE-
GRATED FUEL CELL BASED POWER
SUPPLIES
• ARCHITECTURE ET PROCEDE A
CONVERTISSEUR D'ENERGIE POUR
FOURNITURE D'ENERGIE A PARTIR
DE PILES A COMBUSTIBLE INTE-
GRES

(71) BALLARD POWER SYSTEMS INC.
[CA/CA]; 4343 North Fraser Way, Burnaby,
British Columbia V5J 5J9 (CA).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ZHU, Lizhi [CN/US]; 48580 Greenwich
Circle, Canton, MI 48188 (US). HAMPO,
Richard, J. [US/US]; 13745 Embers Court,
Plymouth, MI 48170 (US). DAVIS, Roy,
I. [US/US]; 8666 Roundhill Court, Saline,
MI 48716 (US). VAN DYKE, John, M.
[US/US]; 45971 Amesbury Drive, Ply-
mouth, MI 48170 (US). WELLS, Brian, W.
[CA/CA]; 159 West 18th Avenue, Vancouver,
British Columbia V5Y 2A6 (CA).

(74) DE KOCK, Elbie, R.; Russell Reyneke Law
Corp., Suite 700-Two Bentall Centre, 555
Burrard Street, Vancouver, British Columbia
V7X 1M8 (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 H03M 7/00, 7/34

(11) WO 2004/098065 (13) A1

(21) PCT/US2003/017405

(22) 2 Jun/juin 2003 (02.06.2003)

(25) en (26) en

(30) 60/458,901 28 Mar/mar 2003 US
(28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • BI-QUAD DIGITAL FILTER CONFIG-
URED WITH A BIT BINARY RATE
MULTIPLIER

• FILTRE NUMERIQUE BI-QUAD
CONFIGURE AVEC UN MULTIPLI-
CATEUR DU DEBIT BINAIRE

(71) ESS TECHNOLOGY, INC. [US/US];
48401 Fremont Boulevard, Fremont, CA
94538 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MALLINSON, Andrew, Martin
[CA/US]; Ess Technology, Inc., 48401
Fremont Boulevard, Fremont, CA 94538 (US).

(74) STEVENS, David, R.; Stevens Law Group,
P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ H03M 7/30, G10L 19/00

(11) WO 2004/098066 (13) A1

(21) PCT/JP2004/006085

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-124011 28 Apr/avr 2003 JP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FLOATING POINT TYPE DIGITAL
SIGNAL REVERSIBLE ENCODING
METHOD, DECODING METHOD, DE-
VICES FOR THEM, AND PROGRAMS
FOR THEM

• PROCEDE DE CODAGE REVERSIBLE
DE SIGNAL NUMERIQUE DE TYPE
VIRGULE FLOTTANTE, PROCEDE DE
DECODAGE ET DISPOSITIFS ET PRO-
GRAMMES POUR CES PROCEDES

(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) MORIYA, Takehiro [JP/JP]; c/o NTT
Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi, Tokyo
1808585 (JP). YANG, Dai [CN/JP]; c/o
NTT Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi, Tokyo

1808585 (JP). JIN, Akio [JP/JP]; c/o NTT
Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi, Tokyo
1808585 (JP). IKEDA, Kazunaga [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
Midori-cho 3-chome, Musashino-shi, Tokyo
1808585 (JP).

(74) KUSANO, Takashi et al. / etc.; Sagami
Building, 2-21, Shinjuku 4-chome, Shin-
juku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H03M 13/29

(11) WO 2004/098067 (13) A1

(21) PCT/EP2004/050673

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0309877.9 30 Apr/avr 2003 GB
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FORWARD ERROR CORRECTION
CODING

• CODAGE DE CORRECTION
D'ERREUR SANS CIRCUIT DE RE-
TOUR

(71) MARCONI COMMUNICATIONS
GMBH [DE/DE]; Gerberstrasse 33, 71522
Backnang (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GRIESSER, Helmut [DE/DE]; Zirler
Weg 35, 71522 Backnang (DE). ELBERS,
Joerg-Peter [DE/DE]; Hufschmiedstr.9,
81249 Muenchen (DE).

(74) COLLIER, Ian et al. / etc.; Marconi Intel-
lectual Property, Crompton Close, Basildon
Essex SS14 3BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ H03M 13/41

(11) WO 2004/098068 (13) A1

(21) PCT/GB2004/001770

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 0309782.1 29 Apr/avr 2003 GB
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACS APPARATUS AND METHOD FOR
VITERBI DECODER

- DISPOSITIF ET PROCEDE
D'ADDITION-COMPARAISON-SE-
LECTION (ACS) POUR DECODEUR
DE VITERBI

(71) ANALOG DEVICES BV [NL/IE]; Raheen
Industrial Estate, Raheen, Limerick (IE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CARAMMA, Marcello [IT/GB];
23 Monkfield Lane, Cambourne, Cam-
bridgeshire CB3 6AH (GB).

(74) GILLARD, Matthew, 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations(51)⁷ H03M 13/51

(11) WO 2004/098069 (13) A1

(21) PCT/US2003/020242

(22) 27 Jun/juin 2003 (27.06.2003)

(25) en (26) en

(30) 60/458,511 28 Mar/mar 2003 US
(28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND APPARATUS TO PER-
FORM SPREAD SPECTRUM ENCOD-
ING AND DECODING FOR BROAD-
CAST APPLICATIONS

- PROCEDES ET DISPOSITIF DES-
TINES A REALISER UN CODAGE ET
UN DECODAGE A ETALEMENT DE
SPECTRE POUR APPLICATIONS DE
RADIODIFFUSION

(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) SRINIVASAN, Venugopal [US/US];
2845 Jarvis Circle, Palm Harbor, FL 34683
(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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 H04B

(11) WO 2004/098070 (13) A2

(21) PCT/US2004/011440

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/423,095 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIRELESS COMMUNICATION DE-
VICE WITH VARIABLE ANTENNA
RADIATION PATTERN AND CORRE-
SPONDING METHOD

- DISPOSITIF DE COMMUNICATION
SANS FIL DOTE D'UN DIAGRAMME
DE RAYONNEMENT D'ANTENNE
VARIABLE ET PROCEDE CORRES-
PONDANT

(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) PONCE DE LEON, Lorenzo, A.
[US/US]; 7607 Wentworth Drive, Lake
Worth, FL 33467 (US). KONTAGEOR-
GAKIS, Christos [GR/US]; 1605 Linton
Lake Drive, Unit D, Delray, FL 33445 (US).
KROEGEL, Robert, Andrew [US/US];
139 S.W. 6th Avenue, Boynton Beach, FL
33435 (US). STRATIS, Glafkos [US/US];
6077 Oak Bluff Way, Lake Worth, FL 33467
(US). EISENHAUER, Gary, L. [US/US];
1820 Edgewater Drive, Boynton Beach, FL
33436 (US). ZAX, Glenn, Scott [US/US];
7854 Colony Lake Drive, Boynton Beach,
FL 33436 (US). BARACAT, Frederick,
A. [US/US]; 9191 N.W. 3rd Court, Coral
Springs, FL 33071 (US).

(74) DOUTRE, Barbara, R. et al. / etc.; 8000
West Sunrise Boulevard, Room 1610, Planta-
tion, 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 VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/098071 (13) A2

(21) PCT/US2004/012483

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/422,340 24 Apr/avr 2003 US
(24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SOFT-DECISION TREL-
LIS-CODED DIFFERENTIAL
FREQUENCY-HOPPED SPREAD
SPECTRUM (DFHSS)

- SYSTEME A SPECTRE ETALE, SAUTS
DE FREQUENCE, DIFFERENTIEL,
CODAGE EN TREILLIS ET DECISION
PONDEREE (DFHSS)

(71) BAE SYSTEMS INFORMATION AND
ELECTRONIC SYSTEMS INTEGRA-
TION INC. [US/US]; 65 Spit Brook Road,
NHQ01-719, Nashua, NH 03060 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MILLS, Diane, G. [US/US]; 2 Notting-
ham Drive, Wilmington, MA 01887 (US).
MYERS, Cory, S [US/US]; 14 Eagles Nest
Road, Westford, MA 01886 (US). EDEL-
SON, Geoffrey, S. [US/US]; 6 Paddock
Lane, Andover, MA 01810 (US). HER-
RICK, David, L. [US/US]; 18 Tater Street,
Mont Vernon, NH 03057 (US).

(74) LONG, Daniel, J.; BAE Systems Informa-
tion and Electronic Systems Int, egration Inc.,
65 Spit Brook Road NHQ01-719, Nashua,
NH 03060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/098072 (13) A2

(21) PCT/US2004/012699

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,243 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR
CHANNEL QUALITY FEEDBACK

WITHIN A COMMUNICATION SYSTEM

- PROCEDE ET APPAREIL DE RETROACTION DE LA QUALITE DE CANAL AU SEIN D'UN SYSTEME 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) **CUDAK, Mark C.**, [US/US]; 3318 Chestnut Drive, McHenry, Illinois 60050 (US). **CLASSON, Brian K.**, [US/US]; 756 W. Bloomfield Court, Palatine, Illinois 60067 (US). **TALUKDAR, Anup**, [IN/US]; 2240 Hassell Road, #308, Hoffman Estates, Illinois 60195 (US).

(74) **MAY, Steven A.**, et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) **WO 2004/098073** (13) A2

(21) PCT/US2004/013148

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/424,377 **28 Apr/avr 2003** US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR CONVERSIONLESS DIRECT DETECTION

- PROCEDE ET APPAREIL DE DETECTION DIRECTE SANS CONVERSION

(71) **BAE SYSTEMS INFORMATION AND ELECTRONICS SYSTEMS INTEGRATION INC.** [US/US]; 65 Spit Brook Road NHQ01-719, Nashua, NH 03060 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOMIAK, James, J.** [US/US]; 6 Farmers Road, Merrimack, NH 03054 (US).

(74) **LONG, Daniel, J.**; Bae Systems Information and Electronic Systems Integration Inc., NHQ01-719, 65 Spit Brook Road, Nashua, NH 03060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098074** (13) A2

(21) PCT/US2004/013368

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 10/426,839 **29 Apr/avr 2003** US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ULTRA-WIDEBAND PULSE MODULATION SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE MODULATION D'IMPULSIONS ULTRA-LARGE BANDE

(71) **PULSE-LINK, INC.** [US/US]; 1969 Kellogg Avenue, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **SANTHOFF, John**; 6434 Kinglet Way, Carlsbad, CA 92009 (US).

(74) **MARTINEZ, Peter, R.**; Pulse-Link, Inc., 1969 Kellogg Avenue, Carlsbad, CA 92008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/16, 1/04, H04L 25/03

(11) **WO 2004/098075** (13) A1

(21) PCT/IB2004/050550

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 03101212.3 **2 May/mai 2003** EP (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RECEIVER AND TRANSMITTER OF A FREQUENCY-MODULATED SIGNAL

- RECEPTEUR ET EMETTEUR D'UN SIGNAL MODULE EN FREQUENCE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KERSELAERS, Anthony** [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 H04B 1/18

(11) **WO 2004/098076** (13) A1

(21) PCT/US2004/013740

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 10/423,713 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR ADAPTIVE ANTENNA IMPEDANCE MATCHING

- SYSTEME ET PROCEDE DESTINES A EQUILIBRER L'IMPEDANCE D'UNE ANTENNE ADAPTATIVE

(71) **ERICSSON INC.** [US/US]; 6300 Legacy Drive, Plano, TX 75024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DENT, Paul** [GB/US]; 637 Eagle Point Road, Pittsboro, NC 27312 (US). **DOLMAN, Rodney A.** [US/US]; P.O. Box 120785, West Melbourne, FL 32912-0785 (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 PL PT RO 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); (s) for all designations / pour toutes les désignations; (s) 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 H04B 1/38

(11) WO 2004/098077 (13) A1

(21) PCT/EP2004/050397

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03291058.0 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR DETECTING A MODULE
• APPAREIL DE DETECTION DE MODULE

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ODDOART, Ludovic [FR/FR]; 7 rue Paul Painlevé, F-31270 Frouzins (FR).
TRAUTH, Gerhard [FR/FR]; 48 rue St Pierre Muret, F-31600 Haute-Garonne (FR).
VOORWINDEN, Cor [FR/FR]; 34 rue Henri Bonis, Haute-Garonne, F-31100 Toulouse (FR).

(74) HARRISON, Christopher; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/38

(11) WO 2004/098078 (13) A1

(21) PCT/EP2004/050424

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 19 672.2 2 May/mai 2003 DE (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PORTABLE ELECTRONIC DEVICE
• APPAREIL ELECTRIQUE PORTATIF

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUR, Markus [DE/DE]; Elchingerstr. 34/1, 89278 Nersingen-Leibl (DE).
JOST, Günter [DE/DE]; Eggentalstr. 10, 89359 Kötz (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/38, H04M 1/00

(11) WO 2004/098079 (13) A1

(21) PCT/US2004/008686

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/423,490 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MEDIA PLAYER SYSTEM
• SYSTEME DE LECTURE MULTIMEDIA

(71) APPLE COMPUTER INC. [US/US]; 1 Infinite Loop, MS: PAT-38, Cupertino, California 95014 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FADELL, Anthony, M. [US/US]; 290 S. Balsamin Way, Portola Valley, California 94028 (US).
ZADESKY, Stephen, Paul [US/US]; 3366 Brittan Avenue, San Carlos, California 94070 (US).
FILSON, John, Benjamin [US/US]; 22350 Creston Drive, Los Altos, California 94024 (US).

(74) OLYNICK, Mary, R.; BEYER WEAVER & THOMAS, LLP, P.O. BOX 778, Berkeley, California 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 1/40, 1/28

(11) WO 2004/098080 (13) A1

(21) PCT/EP2004/002220

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 03009546.7 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ANALOG FRONT END FOR A DIGITAL DUAL-BAND INTERMEDIATE FREQUENCY SAMPLING RECEIVER
• EXTREMITÉ FRONTALE ANALOGIQUE POUR RECEPTEUR D'ÉCHANTILLONNAGE DE FREQUENCE INTERMEDIAIRE DOUBLE BANDE NUMERIQUE

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; Nya Vattentornet, S-221 88 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOZLOV, Vladimir [RU/RU]; Akademik Kapiza Str. N30/2, app. 417, Moscow 117647 (RU).
REPIN, Alexander [RU/RU]; Aviamotornaya 8a, 111024 Moscow (RU).

(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 H04B 1/40, 1/30

(11) WO 2004/098081 (13) A1

(21) PCT/EP2004/002221

(22) 4 Mar/mar 2004 (04.03.2004)

- (25) en (26) en
- (30) 03 009 616.8 **29 Apr/avr 2003** EP
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FRONT END OF A MULTI-STANDARD TWO-CHANNEL DIRECT-CONVERSION QUADRATURE RECEIVER
- EXTREME FRONTE D'UN RE-CEPTEUR EN QUADRATURE A CONVERSION DIRECTE A DEUX CANAUX MULTISTANDARD
- (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) KOZLOV, Vladimir [RU/RU]; Akademik Kapiza Str. N 30/2, app. 417, Moscow 117647 (RU). REPIN, Alexander [RU/RU]; Aviamotornaya 8a, Moscow 111024 (RU). ITKIN, Grigory [RU/DE]; Eduard-Schmid-Strasse 17, 81541 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 H04B 1/40
- (11) WO 2004/098082 (13) A1
- (21) PCT/JP2003/005612
- (22) 2 May/mai 2003 (02.05.2003)
- (25) ja (26) ja
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MULTI-ANTENNA SYSTEM AND ANTENNA UNIT
- SYSTEME A ANTENNES MULTIPLES ET UNITE D'ANTENNE
- (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) FUNAKUBO, Toshiaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) TOYAMA, Tsutomu et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (81) GB JP US.

- (51)⁷ H04B 1/40
- (11) WO 2004/098083 (13) A1
- (21) PCT/KR2004/000960
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) ko (26) en
- (30) 10-2003-0026225 **25 Apr/avr 2003** KR
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A MOBILE PHONE COMPRISING RECOGNITION SENSOR OF FINGER-PRINT
- TELEPHONE MOBILE COMPRENANT UN DETECTEUR DE RECONNAISSANCE D'EMPREINTE
- (71) SILICON IMAGE WORKS [KR/KR]; #201 Taejung Bldg., 915-18, Daechi4-Dong, Kangnam-gu, Seoul 135-843 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YI, JongHoon [KR/KR]; #202 Chowon Villa, 530-21, Bangbae-Dong, Seocho-Gu, Seoul 137-060 (KR).
- (74) OH, ByeongSeok; #1003 Shinbong Bldg., 736-6 Yoksam-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).
-
- (51)⁷ H04B 1/48
- (11) WO 2004/098084 (13) A1
- (21) PCT/EP2004/002019
- (22) 1 Mar/mar 2004 (01.03.2004)
- (25) en (26) en
- (30) 10/423,195 **25 Apr/avr 2003** US
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • ANTENNA SWITCHES INCLUDING FIELD EFFECT TRANSISTORS
- COMMUTATEURS D'ANTENNE CONTENANT DES TRANSISTORS A EFFET DE CHAMP
- (71) TELEFONAKTIEBOLAGET L MERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSSON, Jesper [SE/SE]; Norra Skolgatan 29 A, S-214 22 Malmö (SE). BRANDT, Per-Olof [SE/SE]; Rönngatan 4, S-234 31 Lomma (SE).
- (74) ONSHAGE, Anders; Ericsson AB, Patent Unit Mobile Platforms, S-221 83 Lund (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ H04B 1/52
- (11) WO 2004/098085 (13) A1
- (21) PCT/IB2004/001361
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 0309978.5 **1 May/mai 2003** GB
(01.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FULL DUPLEX MULTIMODE TRANSCEIVER
- EMETTEUR-RECEPTEUR MULTIMODE A DUPLEX INTEGRAL
- (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) PAYNE, Adrian, W. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). CALDWELL, Richard, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).
- (74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 2004/098086 (13) A1

(21) PCT/JP2004/005792

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-122475 25 Apr/avr 2003 JP
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYNCHRONIZATION PROCESSING
DEVICE AND SYNCHRONIZATION
PROCESSING METHOD

• DISPOSITIF ET PROCÉDE DE TRAITEMENT
DE SYNCHRONISATION

(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, Hidetoshi

(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
TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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, H04L 25/02

(11) WO 2004/098087 (13) A2

(21) PCT/US2004/012733

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/424,958 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND RECEIVERS THAT
ESTIMATE MULTI-PATH DELAYS BY
REMOVING SIGNAL RAYS FROM A
POWER-DELAY PROFILE

• PROCÉDES ET RECEPTEURS
D'ÉVALUATION DES TEMPS DE
PROPAGATION DE TRAJECTS MUL-
TIPLES PAR ÉLIMINATION DES
ONDES DE SIGNAL D'UN PROFIL
PUISSANCE-TEMPS DE PROPAGA-
TION

(71) TELEFONAKTIEBOLAGET L.M. ERICSSON (PUBL) [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOTTOMLEY, Gregory Edward [US/US]; 100 Merlot Court, Cary, North Carolina 27511 (US). KHAYRALLAH, Ali S. [US/US]; 113 Streamview Drive, Cary, North Carolina 27519 (US). OLSON, Henrik [SE/SE]; Langvretsvägen 68, S-163 46 Spanga (SE). NILSSON, Johan [SE/SE]; Trulsibrunnsvägen 20 A, S-236 38 Hollviken (SE).

(74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, North Carolina 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 H04B 3/20, H04M 9/08

(11) WO 2004/098088 (13) A2

(21) PCT/US2004/012720

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/424,421 28 Apr/avr 2003 US
(28.04.2003)

(30) 10/424,424 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTIPLE CHANNEL INTERFER-
ENCE CANCELLATION

• ANNULATION D'INTERFÉRENCES
DE VOIES MULTIPLES

(71) SOLARFLARE COMMUNICATIONS, INC. [US/US]; 9501 Jeronimo Road, Suite 100, Irvine, CA 92618 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) JONES, William, W.; 27662 Aliso Creek Road #5201, Aliso Viejo, CA 92656 (US). ZIMMERMAN, George, A.; 19 Ranchview Road, Rolling Hills Estates, CA 90274 (US). PAGNANELLI, Christopher, J.; 6571 Radcliff Circle, Huntington Beach, CA 92648 (US).

(74) MILLER, Chad, W.; Weide & Miller, Ltd., Bank West Building, 5th Floor, 7251 W. 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT 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 5/00, G06K 7/00

(11) WO 2004/098089 (13) A1

(21) PCT/IB2004/050475

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 03101168.7 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CIRCUIT FOR CONTRACTLESS DE-
VICE HAVING ACTIVE AND PASSIVE
SEND MODES

• CIRCUIT POUR DISPOSITIF SANS
CONTACT POURVU DE MODES
D'ENVOI ACTIF ET PASSIF

(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) AMTMANN, Franz [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). HARNISCH, Markus [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT). KUNKAT, Holger [DE/AT]; c/o Triester Strasse 64, A-1101 Vienna (AT). POSCH, Stefan [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

(74) RÖGGLA, Harald; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04B 7/005

(11) WO 2004/098090 (13) A1

(21) PCT/US2004/012619

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,535 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD OF CON-
TROLLING FORWARD LINK TRANS-
MIT POWER

• SYSTÈME ET PROCÉDE POUR MO-
DULER LA PUISSANCE D'ÉMISSION
SUR LIAISON ALLER

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OH, Seong-Jun** [CA/US]; 3883 Crestone Place, San Diego, California 92130 (US). **YOON, Young** [CA/US]; 7215 Calabria Court, #79, San Diego, 5 92122 (US).

(74) **BENNETT, David**; Coats & Bennett, P.L.L.C., Post Office Box 5, Raleigh, 28 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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; (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ 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 AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 H04B 7/02

(11) WO 2004/098091 (13) A1

(21) PCT/KR2004/000988

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10-2003-0027144 29 Apr/avr 2003 KR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SIGNAL TRANSMITTING METHOD IN MOBILE COMMUNICATION SYSTEM

• PROCEDE DE TRANSMISSION DE SIGNAL DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **LG ELECTRONICS INC.** [KR/KR]; 20 Yoido-Dong, Yongdungpo-Gu, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIM, Dong-Hee** [KR/KR]; 103, 1664-13, Sillim 8-Dong, Gwanak-Gu, Seoul 151-903 (KR). **KIM, Bong-Hoe** [KR/KR]; Jugong Apt. 111-204, Bono-Dong, Ansan, Gyeonggi-Do 426-180 (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 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 7/26

(11) WO 2004/098092 (13) A1

(21) PCT/JP2003/005583

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO RESOURCE CONTROL METHOD, BASE STATION, AND MOBILE STATION

• PROCEDE DE COMMANDE D'UNE RESSOURCE RADIO, STATION DE BASE ET STATION MOBILE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKANO, Michiaki** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **FUJIE, Ryouichi** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SHIBUYA, Akihiro** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04B 7/26

(11) WO 2004/098093 (13) A1

(21) PCT/KR2004/001010

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10-2003-0027836 30 Apr/avr 2003 KR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR CONTROLLING STATE TRANSITION IN SLEEP MODE AND AWAKE MODE IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM

• SYSTEME ET PROCEDE DE COMMANDE DE TRANSITION D'ETAT EN MODE SOMMEIL ET EN MODE VEILLE DANS UN SYSTEME DE COMMUNICATION D'ACCES SANS FIL A LARGE BANDE

(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) **SON, Yeong-Moon** [KR/KR]; #102, Jeongwoovilla, 897-1 Anyang 3-dong Manan-gu, Anyang-si, Gyeonggi-do 430-013 (KR). **KOO, Chang-Hoi** [KR/KR]; 2nd Floor, 241-8 Jeongja-dong, Bundang-gu Seongnam-si, Gyeonggi-do 463-010 (KR). **KIM, So-Hyun** [KR/KR]; #531-1402, Sinan Apt., Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). **SON, Jung-Je** [KR/KR]; #401-905, 181, Sangnokmaeul Boseong Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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

(11) WO 2004/098094 (13) A1

(21) PCT/KR2004/000979

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10-2003-0027634 30 Apr/avr 2003 KR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CALL SETUP METHOD AND SYSTEM FOR PUSH-TO-TALK SERVICE IN A CELLULAR MOBILE COMMUNICATION SYSTEM

• PROCEDE ET SYSTEME D'ETABLISSEMENT DE COMMUNICATIONS POUR SERVICE PTT DANS UN SYSTEME DE COMMUNICATIONS MOBILES CELLULAIRES

(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) **KONG, Dong-Keon** [KR/KR]; #101-605, Hwanggoljugong APT., 948-4, Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). **KIM, Tae-Won** [KR/KR]; #230-1703, Sangteville APT., Seongwon 3-cha, Sanghyeon-ri, Suji-eup,

- Yongin-si, Gyeonggi-do 449-843 (KR). **CHANG, Hong-Sung** [KR/KR]; #435-1802, Cheongmyeongmaeul Samsungraemian APT., Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-738 (KR). **PYO, Jong-Bum** [KR/KR]; #805-1502, Hyundaiaseongwoo APT., Pungdeokcheon 2-dong, Suji-eup, Yongin-si, Gyeonggi-do 449-846 (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
- (11) **WO 2004/098096** (13) A1
- (21) PCT/KR2004/000981
- (22) **28 Apr/avr 2004 (28.04.2004)**
- (25) en (26) en
- (30) 10-2003-0027233 **29 Apr/avr 2003** KR (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR SETTING SLEEP INTERVAL IN A BROADBAND WIRELESS ACCESS COMMUNICATIONS SYSTEM
- PROCEDE DE REGLAGE D'UN INTERVALLE DE VEILLE DANS UN SYSTEME DE COMMUNICATION D'ACCES SANS FIL A BANDE LARGE
- (71) **SAMSUNG ELECTRONICS CO., LTD** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, So-Hyun** [KR/KR]; #531-1402, Shinan Apt., Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). **KOO, Chang-Hoi** [KR/KR]; 2th Floor, 241-8, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR). **SON, Yeong-Moon** [KR/KR]; #102, Jeongu-Villa, 897-1 Anyang, 3-dong, Manan-gu, Anyang-si, Gyeonggi-do 430-013 (KR). **SON, Jung-Je** [KR/KR]; #401-905, 181, Sangnokmaeul Boseong Apt., Jeongja-dong, Bundang-gu, Seongnam-Si, Gyeonggi-do 463-010 (KR).
- (74) **LEE, Keon-Joo**; Mihwa Building 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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
- (11) **WO 2004/098097** (13) A1
- (21) PCT/KR2004/000989
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) ko (26) en
- (30) 10-2003-0027345 **29 Apr/avr 2003** KR (29.04.2003)
- (30) 10-2003-0048470 **15 Jul/juil 2003** KR (15.07.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • REVERSE POWER CONTROL METHOD AND APPARATUS IN A MOBILE COMMUNICATION SYSTEM IN WHICH MOBILE STATION DETERMINES REVERSE DATA RATE.
- PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER LA PUISSANCE DE TRANSMISSION SUR UN CANAL DE RETOUR DANS UN SYSTEME DE COMMUNICATION MOBILE, DANS LESQUELS LA STATION MOBILE DETERMINE LE DEBIT DU CANAL DE RETOUR
- (71) **SAMSUNG ELECTRONICS CO. LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Youn-Sun** [KR/KR]; #1008-1104, Mujigaemaoul Samsung Apt., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-500 (KR). **KWON, Hwan-Joon** [KR/KR]; #106-1105, Seongho 2-cha Apt., Annyeong-ri, Taean-eup, Hwasong-gun, Gyeonggi-do 445-976 (KR). **KIM, Dong-Hee** [KR/KR]; 565, Shindae-bang-dong, Dongjak-gu, Seoul 156-010 (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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**
- (11) **WO 2004/098098** (13) A1
- (21) PCT/US2004/012580
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 10/426,546 **29 Apr/avr 2003** US (29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD, APPARATUS, AND SYSTEM FOR USER-MULTIPLEXING IN MULTIPLE ACCESS SYSTEMS WITH RETRANSMISSION
- PROCEDE, APPAREIL ET SYSTEME DE MULTIPLEXAGE UTILISATEUR DANS DES SYSTEMES A ACCES MULTIPLE AVEC RETRANSMISSION
- (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)

(71, 72) **GROB, Matt** [US/US]; 8575 Ruette Monte Carlo, La Jolla, CA 92037 (US). **SUTIVONG, Arak** [TH/US]; 6586 Ambrosia Drive, #5307, San Diego, CA 92124 (US).

(72, 75) **AGRAWAL, Avneesh** [IN/US]; 13040 Signature Place, #29, San Diego, CA 92130 (US).

(74) **MINHAS, Sandip**; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **H04B 01/707**

(11) **WO 2004/098099** (13) A1

(21) PCT/EP2004/003780

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 10/426,254 **29 Apr/avr 2003 (29.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **METHOD AND APPARATUS FOR SOFT SYMBOL SCALING**

• **PROCEDE ET APPAREIL DE MISE A L'ECHELLE DOUCE DE SYMBOLES**

(71) **TELEFONAKTIEBOLAGET L MERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONSSON, Elias** [SE/SE]; Södra Promenaden 3, S-211 29 Malmö (SE). **ERICSSON, Anders** [SE/SE]; Jöns Lars väg 5, S-247 32 Södra Sandby (SE).

(74) **ANDERS, Onshage**; Ericsson AB, Patent Unit Mobile Platforms, S-221 83 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04B 10/00**

(11) **WO 2004/098100** (13) A2

(21) PCT/US2004/011130

(22) **9 Apr/avr 2004 (09.04.2004)**

(25) en (26) en

(30) 60/462,034 **9 Apr/avr 2003 (09.04.2003)** US

(30) 10/820,250 **8 Apr/avr 2004 (08.04.2004)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **OPTICAL TRANSCEIVER MODULE WITH HOST ACCESSIBLE ON-BOARD DIAGNOSTICS**

• **MODULE EMETTEUR-RECEPTEUR OPTIQUE PRESENTANT UN MECANISME DE DIAGNOSTIC EMBARQUE ACCESSIBLE PAR UN HOTE**

(71) **FINISAR CORPORATION** [US/US]; 1308 Moffett Park Drive, Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SASSER, Gary, D.**; 1510 McDaniel Ave., San Jose, CA 95126 (US). **ARONSON, Lewis, B.**; 794 Manor Way, Los Altos, CA 94042 (US). **NELSON, Stephen, T.**; 10201 Miller Avenue, Cupertino, CA 95014 (US).

(74) **BREGMAN, Dion, M.**; Morgan, Lewis & Bockius LLP, 2 Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04B 10/18, G02B 6/34**

(11) **WO 2004/098101** (13) A1

(21) PCT/EP2003/012397

(22) **19 Sep/sep 2003 (19.09.2003)**

(25) en (26) en

(30) 0305224 **29 Apr/avr 2003 (29.04.2003)** FR

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **A CHROMATIC DISPERSION COMPENSATION MODULE**

• **MODULE DE CORRECTION DE DISPERSION CHROMATIQUE**

(71) **ALCATEL** [FR/FR]; 54, rue la Boétie, F-75008 Paris (FR).

(72) **SILLARD, Pierre**; 2, Square Raphaël, Résidence Orsay, F-78150 Le Chesnay (FR). **DANY, Bruno**; 1, Allée des Vignerons, Résidence des Arts - Bât E12, F-78600 Maisons-Laffitte (FR). **BERTAINA, Alain**; 25, rue d'Alembert, F-75014 Paris (FR). **GORLIER, Maxime**; 87, Boulevard de Courcelles, F-75008 Paris (FR).

(74) **BLOKLAND, Arie**; Algemeen Octrooi-en Merkenbureau, John F. Kennedylaan 2, NL-5600 AP Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **H04B 10/18**

(11) **WO 2004/098102** (13) A1

(21) PCT/JP2003/005537

(22) **30 Apr/avr 2003 (30.04.2003)**

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **OPTICAL TRANSMISSION NETWORK, OPTICAL TRANSMISSION DEVICE, DISPERSION COMPENSATOR PLACEMENT COMPUTING DEVICE, AND DISPERSION COMPENSATOR PLACEMENT COMPUTING METHOD**

• **RESEAU DE TRANSMISSION OPTIQUE, DISPOSITIF DE TRANSMISSION OPTIQUE, DISPOSITIF DE CALCUL DE PLACEMENT COMPENSATEUR DE DISPERSION ET PROCEDE DE CALCUL DE PLACEMENT COMPENSATEUR DE DISPERSION**

(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) **NAKAJIMA, Ichiro** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TOMOFUJI, Hiroaki** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SAKAMOTO, Takeshi** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SHIMADA, Yuji** [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 H04B 10/18

(11) WO 2004/098103 (13) A1

(21) PCT/SG2003/000098

(22) 29 Apr/avr 2003 (29.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A SYSTEM AND METHOD FOR MITIGATION OF POLARIZATION MODE DISPERSION IN OPTICAL SIGNALS
- SYSTEME ET PROCEDE D'ATTENUATION DE LA DISPERSION DE POLARISATION DE MODE DANS DES SIGNAUX OPTIQUES

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 10 Science Park Road, #01-01/03, The Alpha, Singapore Science Park II, Singapore 903031 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LU, Chao [CN/SG]; 8 Dover Rise #17-11, Heritage View, Singapore 138679 (SG). LI, Zhihong [CN/SG]; Block 926, #08-125, Jurong West Street 92, Singapore 640926 (SG). CHEN, Jian [CN/SG]; 83 Commonwealth Close, #16-181, Singapore 140083 (SG).

(74) ELLA CHEONG MIRANDAH & SPRU-SONS PTE LTD; 111 North Bridge Road, #22-01 Peninsula Plaza, Singapore 179098 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 H04B 17/00, H04Q 7/30

(11) WO 2004/098104 (13) A1

(21) PCT/US2004/013825

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 60/465,997 25 Apr/avr 2003 US (25.04.2003)

(30) unassigned 26 Apr/avr 2004 US (26.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SYSTEMS AND METHODS FOR IMPLEMENTING FULLY REDUNDANT ANTENNA HOPPING WITH MULTI-CARRIER POWER AMPLIFIERS AND COMBINING SCHEMES WITHIN A BASE STATION
- SYSTEMES ET PROCEDES D'IMPLEMENTATION DE SAUTS D'ANTENNES ENTIEREMENT

REDONDANTS AU MOYEN D'AMPLIFICATEURS DE PUISSANCE MULTI-PORTEUSES ET DE SCHEMAS DE COMBINAISON DANS UNE STATION DE BASE

(71) CINGULAR WIRELESS [—/US]; Suite 920, 5565 Glenridge Connector, Atlanta, GA 30342 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSTAFA, Ayman [US/US]; 6805 Weatherstone Way, Alpharetta, GA 30004 (US). AUSTIN, Mark [US/US]; 103 Orteggon Street, Guaynabo, PR 00966 (US).

(74) PARKS, Cynthia, R.; Suite 920, 5565 Glenridge Connector, Atlanta, GA 30342 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 H04H 5/00

(11) WO 2004/098105 (13) A1

(21) PCT/IB2003/001692

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • SUPPORT OF A MULTICHANNEL AUDIO EXTENSION
- SUPPORT D'UNE EXTENSION AUDIO MULTICANAL

(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) OJANPERA, Juha [FI/FI]; Kaukametsänkatu 3 A 4, FIN-33710 Tampere (FI).

(74) COHAUSZ & FLORACK (24); Bleichstrasse 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 11/00, 13/04, H04L 5/02

(11) WO 2004/098106 (13) A1

(21) PCT/EP2004/050593

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 03009464.3 25 Apr/avr 2003 EP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD, EMITTER AND RECEIVER FOR TRANSMITTING DATA IN A MULTI-ACCESS CDMA-SYSTEM BY MEANS OF FULLY COMPLEMENTARY CODE MATRIXES FOR TWO-DIMENSIONAL DATA SPREADING IN A FREQUENCY AND TIME DIRECTION

• PROCEDE, EMETTEUR ET RE-CEPTEUR CONCUS POUR TRANSMETTRE DES DONNEES DANS UN SYSTEME A ACCES MULTIPLE PAR REPARTITION DE CODE (CDMA) AU MOYEN DE MATRICES DE CODE TOTALEMENT COMPLEMENTAIRES AFIN D'OBTENIR UN ETALEMENT BIDIMENSIONNEL DES DONNEES EN DIRECTION DE LA FREQUENCE ET DU TEMPS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FARKAS, Peter [SK/SK]; Ler-montovova 19, 81105 Bratislava (SK). TURCSÁNY, Matús [SK/SK]; Prostredna 5/50, 900231 Svaty Jur (SK).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098107 (13) A2

(21) PCT/EP2004/050562

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 10318842.8 25 Apr/avr 2003 DE (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR TRANSMITTING ELECTRONIC MESSAGES

• PROCEDE D'ENVOI DE MESSAGES ELECTRONIQUES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PODSCHWADEK, Axel [DE/DE]; Neuer Weg 62, 45711 Datteln (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 2004/098108 (13) A2

(21) PCT/IB2004/001304

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/466,575 30 Apr/avr 2003 US (30.04.2003)

(30) 60/503,712 17 Sep/sep 2003 US (17.09.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR SMOOTH DISASSOCIATION OF STATIONS FROM ACCESS POINTS IN AN 802.11 WLAN

• PROCEDE ET APPAREIL PERMETTANT LE ROUTAGE A CONTRAINTES POUR L'INGENIERIE DU TRAFIC A COMMUTATION MULTIPROTOCOLE PAR ETIQUETTE DANS LE CADRE DE LA GESTION A BASE DE REGLES

(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) ZHONG, Zhun [CN/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). SOOMRO, Amjad [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). MANGOLD, Stefan [DE/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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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; (t) for all designations / pour toutes les désignations

(51)⁷ H04L

(11) WO 2004/098109 (13) A2

(21) PCT/IB2004/000765

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/467,066 30 Apr/avr 2003 US (30.04.2003)

(30) 10/635,205 5 Aug/août 2003 US (05.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM, APPARATUS AND METHOD FOR SUPPORTING CONSTRAINT BASED ROUTING FOR MULTI-PROTOCOL LABEL SWITCHING TRAFFIC ENGINEERING IN POLICY-BASED MANAGEMENT

• PROCEDE ET APPAREIL PERMETTANT LE ROUTAGE A CONTRAINTES POUR L'INGENIERIE DU TRAFIC A COMMUTATION MULTIPROTOCOLE PAR ETIQUETTE DANS LE CADRE DE LA GESTION A BASE DE REGLES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)

(72, 75) LIONG, Yin, Ling [—/US]; 64 Mill St. #10, Woburn, MA 01801 (US). BARNES, Roberto [PA/FI]; Sateenkaari 3 D68, FIN-02100 Espoo (FI). LI, Man [CA/US]; 3 Overlook Drive, Bedford, MA 01730 (US).

(74) BRANCH, John, W. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 2004/098110 (13) A2

(21) PCT/IB2004/000768

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/467,233 30 Apr/avr 2003 US (30.04.2003)

(30) 10/719,371 21 Nov/nov 2003 US (21.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USING POLICY-BASED MANAGEMENT TO SUPPORT DIFFSERV OVER MPLS NETWORK

• UTILISATION D'UNE GESTION FONDÉE SUR DES POLITIQUES POUR GÉRER DES SERVICES DIFFSERV DANS UN RESEAU MPLS

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)

(72, 75) LIONG, Yin, Ling [CN/US]; 64 Mill St. #10, Woburn, MA 01801 (US). BARNES, Roberto [PA/FI]; Sateenkaari 3 D68, FIN-02100 Espoo (FI). LI, Man [CA/US]; 3 Overlook Drive, Bedford, MA 01730 (US).

(74) BRANCH, John 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 H04L

(11) WO 2004/098111 (13) A2

(21) PCT/IL2004/000355

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,770 28 Apr/avr 2003 US (28.04.2003)

(30) 60/465,764 28 Apr/avr 2003 US (28.04.2003)

(30) 60/465,768 28 Apr/avr 2003 US (28.04.2003)

(30) 60/474,251 30 May/mai 2003 US (30.05.2003)

(30) 60/474,252 30 May/mai 2003 US (30.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ENHANCING MOBILE MULTIPLE-ACCESS COMMUNICATION NETWORKS

• AMELIORATION DE RESEAUX DE COMMUNICATION MOBILE A ACCES MULTIPLE

(71, 72) TZIDON, Aviv [IL/IL]; 5 Merkaz Baale Melach St., Tel-Aviv 63823 (IL).

(74) MILLER, SIERADZKI; Advocates & Patent attorneys, P.O.B. 6145, Haifa 31061 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098112 (13) A2

(21) PCT/IL2004/000364

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 155671 30 Apr/avr 2003 IL (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CRYPTOANALYSIS METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE CRYPTOANALYSE

(71, 72) BARKAN, Elad [IL/IL]; 12 Habanim Street, 49935 Kefar Sirkin (IL).

(74) ZUTA, Marc; 38 Montefiore St., P.O. Box 2162, 49120 Petah 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098113 (13) A2

(21) PCT/US2003/032884

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 60/465,510 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHODS AND APPARATUS FOR EXTENDING MOBILE IP

• PROCEDES ET APPAREIL D'EXTENSION IP MOBILE

(71) FLARION TECHNOLOGIES, INC. [US/US]; Bedminster One, 135 Route 202/206 South, Bedminster, NJ 07921 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'NEILL, Alan [GB/AU]; 184 Military Road, Henley Beach, South Australia 5022 (AU).

(74) STRAUB, Michael, P.; Straub & Pokotylo, 620 Tinton Avenue, Bldg. 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA 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 VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/098114 (13) A2

(21) PCT/US2004/012961

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,119 28 Apr/avr 2003 US (28.04.2003)

(30) 10/832,892 27 Apr/avr 2004 US (27.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS FOR OPTICAL COMMUNICATION USING A LARGE-AREA PRIMARY REFLECTOR

• APPAREIL POUR COMMUNICATION OPTIQUE AU MOYEN D'UN REFLECTEUR PRIMAIRE A ZONES ETEN-DUES

(71) OCUNET DEVICES LLC [US/US]; 2301 Bakers Way, Cedar Park, TX 78613 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CONCHAS, Juan, Baltazar [US/US]; 2301 Bakers Way, Cedar Park, TX 78613 (US). SANCHEZ, Angel, Eduardo [US/US]; 1900 Garden Street, Austin, TX 78702 (US).

(74) TYTRAN, Stephen, J. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 H04L

(11) WO 2004/098115 (13) A2

(21) PCT/US2004/012967

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 60/466,248 28 Apr/avr 2003 US
(28.04.2003)

(30) Not furnished / 27 Apr/avr 2004 US
non communiqué (27.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OAM ECHO MESSAGING TO VERIFY
A SERVICE-BASED NETWORK DIS-
TRIBUTION PATH

• MESSAGERIE D'ECHO
D'EXPLOITATION,
D'ADMINISTRATION ET DE
GESTION EN VUE DE VERIFIER
UN CHEMIN DE REPARTITION DE
RESEAU BASE SUR DES SERVICES

(71) ALCATEL IP NETWORKS, INC.
[US/US]; 3400 West Plano Parkway, Plano,
TX 75075 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REGAN, Joe [US/US]; 7863 Foothills
Knolls Drive, Pleasanton, CA 94588 (US).
KOMPELLA, Vach [US/US]; 21060
Grenola Drive, Cupertino, CA 95014 (US).
HU, Wenao [CN/US]; 1588 English Drive,
San Jose, CA 95129 (US).

(74) JAMES, William, J.; Van Pelt & Yi LLP,
10050 N. Foothill Blvd., Suite 200, Cuper-
tino, CA 95014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/098116 (13) A2

(21) PCT/US2004/013016

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/426,588 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ADAPTATION STRUCTURE AND
METHODS FOR ANALOG CONTINU-
OUS TIME EQUALIZERS

• STRUCTURE D'ADAPTATION ET
PROCEDES POUR EGALISEURS TEM-
PORELS CONTINUS ANALOGIQUES

(71) SCINTERA NETWORKS, INC. [US/US];
4340 Stevens Creek, Suite 260, San Jose, CA
95129 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PHANSE, Abhijit [IN/US]; 655 S.
Fair Oaks Avenue, H214, Sunnyvale, CA
94086 (US). SHANBHAG, Abhijit, G.
[IN/US]; 4250 Albany Drive, F106, San
Jose, CA 95129 (US). BALASUBRAMO-
NIAN, Venugopal [IN/US]; 4430 Albany
Drive, #88, San Jose, CA 95129 (US).
BHATTACHARJEE, Jishnu [IN/US]; 4337
Norwalk Drive, N0184, San Jose, CA 95129
(US). CHOUDHARY, Prashant [IN/US];
4231 Norwalk Drive, San Jose, CA 95129
(US). GIROUD, Fabian [FR/US]; 4250
Albany Drive, F-301, San Jose, CA 95129
(US). IBRAGIMOV, Edem [KN/US];
4231 Norwalk Drive, EE-113, San Jose,
CA 95129 (US). YU, Qian [CN/US]; 3030
Cameron Way, Santa Clara, CA 95051 (US).
MUKHERJEE, Debanjan [IN/US]; 4337
Norwalk Drive, N-184, San Jose, CA 95129
(US).

(74) CHEN, Tom; MacPherson Kwok Chen &
Heid LLP, 1762 Technology Drive, Suite 226,
San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 H04L

(11) WO 2004/098117 (13) A2

(21) PCT/US2004/013644

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,810 29 Apr/avr 2003 US
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISTRIBUTED GAIN NETWORK

• RESEAU A GAIN DISTRIBUE

(71) MEDIACELL LICENSING CORPORA-
TION [US/US]; 10474 Meyerwood Court,
Highlands Ranch, CO 80129 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BISHOP, Donald, M. [US/US]; 10474
Meyerwood Court, Highlands Ranch, CO
80129 (US).

(74) YOUNG, James, R. et al. / etc.; Cochran
Freund & Young LLC, 3555 Stanford Road,
Suite 230, Fort Collins, CO 80525 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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 2004/098118 (13) A1

(21) PCT/EP2004/050624

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 19 320.0 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD, TRANSMITTER DE-
VICE AND RECEIVER DEVICE FOR
PACKET-ORIENTED DATA TRANS-
MISSION WITH UNEQUAL ERROR
CORRECTION

• PROCEDE, DISPOSITIF EMETTEUR
ET DISPOSITIF RECEPTEUR POUR
TRANSMISSION DE DONNEES
ORIENTEE PAQUETS, A CORREC-
TION D'ERREUR HETEROGENE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ECKERT, Michael [DE/DE]; Hilsstr. 1,
38122 Braunschweig (DE). HANS, Martin
[DE/DE]; Sohldfeld 19, 31139 Hildesheim
(DE). LUFT, Achim [DE/DE]; Altmühlstr.
16, 38120 Braunschweig (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 H04L 1/20, 1/00

(11) WO 2004/098119 (13) A1

(21) PCT/EP2004/004575

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 03009630.9 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • QUALITY DETERMINATION FOR A WIRELESS COMMUNICATIONS LINK
- DETERMINATION QUALITATIVE D'UNE LIAISON DE COMMUNICATION SANS FIL

(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) PAULI, Mathias [DE/DE]; Schnieglingerstrasse 289, 90427 Nürnberg (DE). WACHSMANN, Udo [DE/DE]; Breitenfeldstrasse 26, 91126 Schwabach (DE). TSAI, Shawn, Shiao-He [—/US]; 7335 Calle Cristobal #156, San Diego, CA 92126 (US).

(74) RÖTHINGER, Rainer; 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).

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 H04L 7/033, H03L 7/08

(11) WO 2004/098120 (13) A1

(21) PCT/JP2003/005584

(22) 1 May/mai 2003 (01.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CLOCK DATA RECOVERY CIRCUIT

• SYSTÈME DE RECUPERATION DE DONNEES D'HORLOGE

(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) TOTUKA, Hirofumi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TAGAMI, Hitoyuki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3,

Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 9/00

(11) WO 2004/098121 (13) A2

(21) PCT/GB2004/001888

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 0310142.5 2 May/mai 2003 GB (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DELIVERING A SOFTWARE COMPONENT

• LIVRAISON D'UN CONTENU LOGICIEL

(71) BITARTS LIMITED [GB/GB]; 3rd Floor, 15 Middle Pavement, Nottingham NG1 7DX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAFA, John, Aram [GB/GB]; 34 Lenton Road, The Park Estate, Nottingham NG7 1DU (GB).

(74) SKINNER, Michael, Paul; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, G06F 3/12

(11) WO 2004/098122 (13) A1

(21) PCT/JP2004/005102

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-123964 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE RECORDING SYSTEM AND IMAGE RECORDING APPARATUS

• SYSTÈME ET DISPOSITIF D'ENREGISTREMENT D'IMAGES

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaiki-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJITA, Fusayuki [JP/JP]; Pino Heights 101, 2151-2, Koizumi-cho, Yamatokoriyama-shi, Nara, 6391042 (JP). WADA, Masahiro [JP/JP]; 5-1-13-2-304, Kabutodai, Kizu-cho, Souraku-gun, Kyoto, 6190224 (JP). YAKUSHIJI, Koji [JP/JP]; Sharp Shataku 422, 492, Minosho-cho, Yamatokoriyama-shi, Nara, 6391103 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, 29/00

(11) WO 2004/098123 (13) A1

(21) PCT/NO2004/000123

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 20031931 29 Apr/avr 2003 NO (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A VIRTUAL DEVICE

• DISPOSITIF VIRTUEL

(71) TELENOR ASA [NO/NO]; Snarøyveien 30, N-1331 Fornebu (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DO, Thanh Van [NO/NO]; Haugerudveien 48, N-0674 Oslo (NO). JØNVIK, Tore Erling [NO/NO]; Haugerudtunet 21, N-0674 Oslo (NO). ENGELSTAD, Paal [NO/NO]; Langoddveien 78A, N-1367 Snaroya (NO). THUAN, Van Do [NO/NO]; N- (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).

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 H04L 12/16

(11) WO 2004/098124 (13) A2

(21) PCT/EP2004/050567

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 10319528.9 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND ARRAY FOR TRANS-
PARENT, DYNAMIC PROVISION OF
WEB SERVICES

• PROCEDE ET DISPOSITIF PERMET-
TANT DE FOURNIR UN SERVICE IN-
TERNET DE MANIERE DYNAMIQUE
ET TRANSPARENTE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) OBERHAUSER, Roy [DE/DE];
Egmatinger Str. 9a, 85667 Oberpfra-
mern (DE).(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04L 12/28

(11) WO 2004/098125 (13) A1

(21) PCT/CN2003/001080

(22) 17 Dec/déc 2003 (17.12.2003)

(25) zh (26) zh

(30) 03127985.6 28 Apr/avr 2003 CN
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DISTRIBUTED MULTIMEDIA CON-
FERENCE SYSTEM BASED ON IP
WEB

• SYSTEME DE CONFERENCE MULTI-
MEDIA DISTRIBUE FONDE SUR WEB
IP

(71, 72) WANG, Sheng An [CN/CN]; Rm.302
Pioneering Park Building D No.2 Information
Road, Haidian District, Beijing 100085 (CN).

(74) LECOME INTELLECTUAL PROP-
ERTY AGENT LTD.; Rm.306, 3/F., Quan-
tum Silver Plaza No.23 Zhichun Road,
Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN 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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/28

(11) WO 2004/098126 (13) A1

(21) PCT/IB2004/050540

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03101208.1 1 May/mai 2003 EP
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN AD-HOC NETWORK, A NET-
WORK DEVICE AND A METHOD OF
CONFIGURATION MANAGEMENT
THEREFOR

• RESEAU AD HOC, DISPOSITIF DE RE-
SEAU ET PROCEDE DE GESTION DE
CONFIGURATION CORRESPONDANT

(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) FONTIJN, Wilhelmus, F., J. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). DENISSEN, Adrianus, J., M.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). LAMBERT, Nicolaas
[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).

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 H04L 12/28, 29/06

(11) WO 2004/098127 (13) A1

(21) PCT/JP2004/005128

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 2003-121781 25 Apr/avr 2003 JP
(25.04.2003)(30) 2004-059367 3 Mar/mar 2004 JP
(03.03.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONTROL UNIT, ELECTRICAL
EQUIPMENT, CONTROL SYSTEM,
CONTROL METHOD AND CONTROL
PROGRAM

• UNITE DE COMMANDE, EQUIPE-
MENT ELECTRIQUE, SYSTEME DE
COMMANDE, PROCEDE DE COM-
MANDE ET PROGRAMME DE COM-
MANDE

(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) NAGAMITSU, SachioKANAI, Etsuko

(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 OMP GH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (b)

(51)⁷ H04L 12/28, G06F 3/12

(11) WO 2004/098128 (13) A1

(21) PCT/JP2004/005600

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 2003-118834 23 Apr/avr 2003 JP
(23.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIRELESS COMMUNICATION SYSTEM, AND WIRELESS COMMUNICATION DEVICE AND CONTROL METHOD

• SYSTEME DE COMMUNICATION SANS FIL, DISPOSITIF DE COMMUNICATION SANS FIL ET PROCEDE DE COMMANDE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJII, Ken'ichi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). WATANABE, Mitsuhiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). NAKAHARA, Masanori [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(74) OHTSUKA, Yasunori; Shuwa Kioicho Park Bldg. 7th FL., 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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098129 (13) A1

(21) PCT/US2003/022688

(22) 21 Jul/juil 2003 (21.07.2003)

(25) en (26) en

(30) 10/402,760 28 Mar/mar 2003 US
(28.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ROUTING IN WIRELESS AD-HOC NETWORKS

• ACHEMINEMENT DANS DES RESEAUX SANS FIL AD HOC

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(72) BANSAL, Nikhil; 226 Shady Avenue, #105, Pittsburgh, PA 15206 (US). LIU, Zhen; 37

Roundabend Road, Tarrytown, NY 10591 (US).

(74) LEWIS, William, E.; Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, NY 11560 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/46

(11) WO 2004/098130 (13) A1

(21) PCT/EP2004/002265

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 10319323.5 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR THE AUTOMATIC CONFIGURATION OF A COMMUNICATIONS DEVICE

• PROCEDE POUR LA CONFIGURATION AUTOMATIQUE D'UN DISPOSITIF DE COMMUNICATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACKERMANN-MARKES, Achim [DE/DE]; Tulpenweg 1, Wörthsee 82237 (DE). VEITS, Oliver [DE/DE]; Rosswachtstrasse 21, 85221 Dachau (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 12/28, H04B 7/005

(11) WO 2004/098131 (13) A1

(21) PCT/CA2003/001804

(22) 21 Nov/nov 2003 (21.11.2003)

(25) en (26) en

(30) 60/467,432 2 May/mai 2003 US
(02.05.2003)(30) 10/682,087 10 Oct/oct 2003 US
(10.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PATH SELECTION IN WIRELESS NETWORKS

• SELECTION DE VOIES DANS DES RESEAUX SANS FIL

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).

(72) GAGE, William; 15 Buttonwood Trail, Stittsville, Ontario K2S 1C9 (CA). MUKHERJEE, Biswaroop; Apt #607, 330 Metcalfe Street, Ottawa, Ontario K2P 1S4 (CA).

(74) WALTERS, David, M. et al. / etc.; Smart & Biggar, P.O.Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H04L 12/56, 12/28

(11) WO 2004/098132 (13) A1

(21) PCT/EP2004/050601

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03291059.8 30 Apr/avr 2003 EP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WIRELESS COMMUNICATION UNIT AND METHOD FOR POWER SAVING

• UNITE DE COMMUNICATION SANS FIL ET PROCEDE PERMETTANT D'ECONOMISER LA PUISSANCE

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIMOENS, Sebastien [FR/FR]; Motorola SAS, Parc des Algorithmes, Saint Aubin, F-91190 Gif-Sur-Yvette (FR). DE COURVILLE, Marc [FR/FR]; Motorola SAS, Parc des Algorithmes, Saint Aubin, F-91190 Gif-Sur-Yvette (FR). GOSTEAU, Jeremy [FR/FR]; Motorola SAS, Parc des Algorithmes, Saint Aubin, F-91190 Gif-Sur-Yvette (FR). PELLATI, Pietro [FR/FR]; Motorola SAS, Parc des Algorithmes, Saint Aubin, F-91190 Gif-Sur-Yvette (FR). CALVANESE STRINATI, Emilio [FR/FR]; Motorola SAS, Parc des Algorithmes, Saint Aubin, F-91190 Gif-Sur-Yvette (FR).

(74) MCCORMACK, Derek J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04L 12/56

(11) WO 2004/098133 (13) A1

(21) PCT/IB2004/001495

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 0309917.3 30 Apr/avr 2003 GB (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HANDLING TRAFFIC FLOWS IN A MOBILE COMMUNICATIONS NETWORK

• GESTION DE FLUX DE DONNEES DANS UN RESEAU DE COMMUNICATION MOBILE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HURTTA, Tuija [FI/FI]; Kiskottajankuja 4 D 49, FIN-02660 Espoo (FI).

GATEVA, Ralitsa [BG/FI]; Poutamaentie 14 E 56, FIN-00360 Helsinki (FI).

(74) DRIVER, Virginia, Rozanne et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 12/56

(11) WO 2004/098134 (13) A1

(21) PCT/JP2003/011756

(22) 16 Sep/sep 2003 (16.09.2003)

(25) ja (26) ja

(30) 2002-269238 13 Sep/sep 2002 JP (13.09.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REAL TIME COMMUNICATION ADAPTIVE CONTROL METHOD

• PROCEDE DE GESTION ADAPTATIVE DE COMMUNICATIONS EN TEMPS REEL

(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) IDO, Daiji [JP/JP]; 1-14-13-104, Namiki, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0005 (JP). HAKENBERG, Rolf [DE/DE]; Schepp Allee 47, 64295 Darmstadt (DE). REY, Jose, Luis [ES/DE]; Heidenreichstrasse 42, 64287 Darmstadt (DE). GU, Xiaoyuan [CN/DE]; Karlstrasse 80, 38106 Braunschweig (DE).

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC 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 H04L 12/56, H04M 11/00, 3/00, 3/36

(11) WO 2004/098135 (13) A1

(21) PCT/JP2004/004340

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-97016 31 Mar/mar 2003 JP (31.03.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRAFFIC CONTROL DEVICE, TRAFFIC CONTROL PROGRAM, PROGRAM RECORDING MEDIUM, AND TRAFFIC CONTROL METHOD

• DISPOSITIF DE REGULATION DU TRAFIC, PROGRAMME DE REGULATION DU TRAFIC, SUPPORT D'ENREGISTREMENT DE PROGRAMME ET PROCEDE POUR REGULER LE TRAFIC

(71) NTT COMWARE CORPORATION [JP/JP]; 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAKAMI, Tomoki [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP). MIYAJIMA, Tsukasa [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP). TAKASHINA, Tetsuhiko [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP). TAKESHITA, Hiroki [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP). KANI, Takashi [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP). MIYAKOSHI, Katsuyuki [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP). IZUMI, Satoshi [JP/JP]; c/o NTT Comware Corporation, 9-1, Konan 1-chome, Minato-ku, Tokyo 108-8019 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 12/28, H04Q 7/32, 7/38

(11) WO 2004/098136 (13) A2

(21) PCT/US2004/008586

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

- (30) 10/422,431 **24 Apr/avr 2003** US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • WIRELESS COMMUNICATION DEVICE SUPPORTING MULTIPLE REGULATORY DOMAINS
• DISPOSITIF DE COMMUNICATIONS SANS FIL A DOMAINES DE REGLEMENTATION MULTIPLES
- (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) RAJAMANI, Krishnan; 11312 Shorepoint Court, San Diego, CA 92130 (US). PONTARELLI, Mark; 1703 Crescent Knolls Glen, Escondido, CA 92029 (US). WEBB, John; 722 Inspiration Lane, Escondido, CA 92025 (US). COX, William; 3264 Box Elder Court, Simi Valley, CA 93065 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 25/03
- (11) WO 2004/098138 (13) A1
- (21) PCT/US2004/012581
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 10/423,234 **24 Apr/avr 2003** US
(24.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • EQUALIZER
• EGALISEUR
- (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) SMEE, John E. [CA/US]; 5340 Toscana Way, San Diego, CA 92122 (US). ZHANG, Haitao [CN/US]; 11018 Corte Mar De Delinas, San Diego, CA 92130 (US).
- (74) MINHAS, Sandip et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ H04L 27/00
- (11) WO 2004/098139 (13) A1
- (21) PCT/CN2003/000321
- (22) 30 Apr/avr 2003 (30.04.2003)
- (25) zh (26) zh
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A MULTI-MODULATION TRANSMITTING METHOD
• PROCEDE D'EMISSION MULTI-MODULATION
- (71, 72) LIANG, Dequn [CN/CN]; #502, Building 113, Hou Shan Living Quarters, Dalian Maritime University, Dalian, Liaoning 116026 (CN).
- (74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 27/26, H04B 7/08
- (11) WO 2004/098140 (13) A1
- (21) PCT/EP2004/050558
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) fr (26) fr
- (30) 03 05124 **25 Apr/avr 2003** FR
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD OF DEMODULATING OFDM-TYPE SIGNALS IN THE PRESENCE OF STRONG CO-CHANNEL INTERFERENCE SIGNALS
• PROCEDE DE DEMODULATION DE SIGNAUX DE TYPE OFDM EN PRESENCE DE SIGNAUX BROUILLEURS CO-CANAUX FORTS
- (71) THALES [FR/FR]; 45, rue de Villiers, F-92200 Neuilly Sur Seine (FR). TELEDIFFUSION DE FRANCE S.A. [FR/FR]; 10, rue d'Oradour sur Glane, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASSE, Denis [FR/FR]; Thales, Intellectual Property, 31-33, avenue Aristide Briand, F-94117 CX Arcueil (FR). PIPON, François [FR/FR]; Thales, Intellectual Property, 31-33, avenue Aristide Briand, F-94117 CX Arcueil (FR). MHIRI, Rym [FR/FR]; Thales, Intellectual Property, 31-33, avenue Aristide Briand, F-94117 CX Arcueil (FR).
- (74) DUDOUIT, Isabelle 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 H04L 27/30

(11) WO 2004/098141 (13) A1

(21) PCT/US2003/024920

(22) 7 Aug/août 2003 (07.08.2003)

(25) en (26) en

(30) 10/422,340 24 Apr/avr 2003 US (24.04.2003)

(30) 60/465,026 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTIUSER DETECTION AIDED MULTIPLE ACCESS DIFFERENTIAL FREQUENCY-HOPPED SPREAD SPECTRUM

• SPECTRE ÉTALE A SAUTS DE FREQUENCE DIFFÉRENTIELS A ACCES MULTIPLE, ASSISTÉ PAR DETECTION D'UTILISATEURS MULTIPLES

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC [US/US]; 65 Spit Brook Road, Nashua, NH 03061 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLS, Diane, G. [US/US]; 2 Nottingham Drive, Wilmington, MA 01887 (US). EDELSON, Geoff, S. [US/US]; 6 Paddock Lane, Andover, MA 01810 (US). EGNOR, Dianne, E. [US/US]; 15 Summit Avenue, Somerville, MA 02143 (US).

(74) MALONEY, Neil, F. et al. / etc.; PO Box 3445, Nashua, NH 03061-3445 (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 NA 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 27/30

(11) WO 2004/098142 (13) A1

(21) PCT/US2004/012414

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,026 24 Apr/avr 2003 US (24.04.2003)

(30) 10/422,340 24 Apr/avr 2003 US (24.04.2003)

(30) 10/482,598 23 Dec/déc 2003 US (23.12.2003)

(30) 10/827,462 19 Apr/avr 2004 US (19.04.2004)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTIUSER DETECTION AIDED MULTIPLE ACCESS DIFFERENTIAL M-ARY CODING APPLICATIONS

• APPLICATIONS A CODAGE DIFFÉRENTIEL M-AIRE A ACCES MULTIPLES ASSISTÉES PAR DETECTION D'UTILISATEURS MULTIPLES

(63) US 10/422,340 (CIP) 24 Apr/avr 2003 (24.04.2003)

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC [US/US]; 65 Spit Brook Road, Nashua, NH 03061 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLS, Diane, G. [US/US]; 2 Nottingham Drive, Wilmington, MA 01887 (US). EDELSON, Geoffrey, S. [US/US]; 6 Paddock Lane, Andover, MA 01810 (US). EGNOR, Dianne, E. [US/US]; 15 Summit Avenue, Somerville, MA 02143 (US).

(74) MALONEY, Neil, F. et al. / etc.; PO Box 3445, Nashua, NH 03061-3445 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations (u) for / pour US only / seulement

(51)⁷ H04L 29/06

(11) WO 2004/098143 (13) A1

(21) PCT/CA2004/000652

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/465,798 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR MOBILE UNIT SESSION MANAGEMENT ACROSS A WIRELESS COMMUNICATION NETWORK

• SYSTÈME ET PROCÉDE POUR LA GESTION DE SESSION D'UNITÉ MOBILE SUR RESEAU DE COMMUNICATION SANS FIL

(71) CHANTRY NETWORKS INC. [CA/CA]; 1900 Minnesota Court, Suite 125, Mississauga, Ontario L5N 3C9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MYERS, Robert, L. [CA/CA]; 3149 Spring Creek Crescent, Mississauga, Ontario L5N 4S2 (CA). FRANCISCO, Paulo, Neves [CA/CA]; 455 Apache Court, Unit 26, Mississauga, Ontario L4Z 3W8 (CA). MONTEMURRO, Michael, P. [CA/CA]; 35 Lessard Avenue, Toronto, Ontario M6S 1X6 (CA). HALLIOP, Ania [CA/CA]; 503 Durie Street, Toronto, Ontario M6S 3G8 (CA). CHVETS, Ivan [RU/CA]; 675 Martin Grove Road, Apt. 604, Toronto, Ontario M9R 3T5 (CA).

(74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098144 (13) A1

(21) PCT/EP2003/004350

(22) 25 Apr/avr 2003 (25.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • AN ARRANGEMENT AND A METHOD RELATING TO SECURE COMMUNICATION

• DISPOSITIF ET PROCÉDE DE PROTECTION DES COMMUNICATIONS

(71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOMAN, Krister [SE/SE]; Idunagatan 46, S-431 44 Mölndal (SE). NÄSLUND,

- Mats** [SE/SE]; Grimstagatan 161, S-162 58 Vällingby (SE).
- (74) **BERGENTALL, Annika** et al. / etc.; Cegumark AB, P.O. Box 53047, S-400 14 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG 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 **H04L 29/06, 12/46, 12/56**
- (11) **WO 2004/098145** (13) A1
- (21) PCT/EP2004/003671
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) en (26) en
- (30) 03388027.9 **28 Apr/avr 2003** EP
(28.04.2003)
- (30) 60/467,476 **2 May/mai 2003** US
(02.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • SECURITY IN A COMMUNICATIONS NETWORK
- SECURITE DANS UN RESEAU DE COMMUNICATION
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)** [SE/SE]; S-164 80 Stockholm (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEHRMANN, Christian** [SE/SE]; St. Mångatan 17A, S-222 29 Lund (SE). **PERSSON, Mauritz, Joakim** [SE/SE]; Iliongränden 197, S-224 72 Lund (SE).
- (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 29/06, 12/58**
- (11) **WO 2004/098147** (13) A1
- (21) PCT/EP2004/050638
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) de (26) de
- (30) 103 19 531.9 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND DEVICES FOR THE WIRELESS TRANSMISSION OF USER DATA HAVING USAGE RIGHTS FROM A SUBSCRIBER STATION
- PROCEDE ET DISPOSITIFS POUR TRANSMETTRE DES DONNEES UTILES AVEC DES DROITS D'UTILISATION, DEPUIS UNE STATION D'ABONNE, PAR VOIE HERTZIENNE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TRAUBERG, Markus** [DE/DE]; Valkeakoskistr. 6, 38159 Velchede (DE). **SCHMIDT, Andreas** [DE/DE]; Alter Weg 1a, 38124 Braunschweig (DE). **LAUMEN, Josef** [DE/DE]; Martin-Boyken-Ring 30, 31142 Hildesheim (DE).
- (25) de (26) de
- (30) A658/2003 **29 Apr/avr 2003** AT
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CONNECTION CONTROL IN A TRANSIT TELECOMMUNICATION NETWORK
- COMMANDE DE CONNEXION DANS UN RESEAU DE TELECOMMUNICATION DE TRANSIT
- (71) **SIEMENS AG ÖSTERREICH** [—/AT]; Siemensstrasse 92, A-1210 Wien (AT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUSCH, Edith** [AT/AT]; Leibnizgasse 55/16, A-1100 Wien (AT). **KARNER, Gerald** [AT/AT]; Anton-Bruckner-Strasse 8/1/10, A-3430 Neuaigen (AT). **RAMMER, Josef** [AT/AT]; Pozellangasse 35/20, A-1090 Wien (AT). **SCHLAPANSKY, Ferdinand** [AT/AT]; Fuchsthallerg. 12/33, A-1090 Wien (AT).
- (74) **PEHAM, Alois**; Siemens AG, Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H04L 29/06, 12/58**
- (11) **WO 2004/098147** (13) A1
- (21) PCT/EP2004/050638
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) de (26) de
- (30) 103 19 531.9 **30 Apr/avr 2003** DE
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND DEVICES FOR THE WIRELESS TRANSMISSION OF USER DATA HAVING USAGE RIGHTS FROM A SUBSCRIBER STATION
- PROCEDE ET DISPOSITIFS POUR TRANSMETTRE DES DONNEES UTILES AVEC DES DROITS D'UTILISATION, DEPUIS UNE STATION D'ABONNE, PAR VOIE HERTZIENNE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TRAUBERG, Markus** [DE/DE]; Valkeakoskistr. 6, 38159 Velchede (DE). **SCHMIDT, Andreas** [DE/DE]; Alter Weg 1a, 38124 Braunschweig (DE). **LAUMEN, Josef** [DE/DE]; Martin-Boyken-Ring 30, 31142 Hildesheim (DE).
- (25) de (26) de
- (30) A658/2003 **29 Apr/avr 2003** AT
(29.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • CONNECTION CONTROL IN A TRANSIT TELECOMMUNICATION NETWORK
- COMMANDE DE CONNEXION DANS UN RESEAU DE TELECOMMUNICATION DE TRANSIT
- (71) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ **H04L 29/06, 12/58**
- (11) **WO 2004/098148** (13) A1
- (21) PCT/GB2004/000990
- (22) **8 Mar/mar 2004 (08.03.2004)**
- (25) en (26) en
- (30) 0309465.3 **25 Apr/avr 2003** GB
(25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • A METHOD OF, AND SYSTEM FOR DETECTING MASS MAILING COMPUTER VIRUSES
- PROCEDE ET SYSTEME DE DETECTION DE VIRUS INFORMATIQUES MASSIFS DES MESSAGERIES
- (71) **MESSAGELABS LIMITED** [GB/GB]; 1270 Lansdowne Court, Gloucester Business Park, Gloucester GL3 4AB (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIPP, Alexander** [GB/GB]; Star Internet, Brighthouse Court, Barmwood, Gloucester GL4 3RT (GB).
- (74) **AYERS, Martyn, L., S. 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04N 7/24**
- (11) **WO 2004/098149** (13) A1
- (21) PCT/IB2004/050545
- (22) **29 Apr/avr 2004 (29.04.2004)**
- (25) en (26) en
- (30) 03101230.5 **2 May/mai 2003** EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • REDUNDANT TRANSMISSION OF PROGRAMMES
• TRANSMISSION REDONDANTE DE PROGRAMMES

(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) JACOBS, Lambert, H., A. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GRAVENDEEL, Cornelis; 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 H04L 29/06, 12/28

(11) WO 2004/098150 (13) A1

(21) PCT/JP2004/005448

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 2003-111139 16 Apr/avr 2003 JP (16.04.2003)

(30) 2003-380910 11 Nov/nov 2003 JP (11.11.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHOD FOR SETTING UP A WIRELESS SYSTEM
• APPAREIL SANS FIL, TERMINAL SANS FIL, SYSTEME SANS FIL, PROCEDE DE REGLAGE D'UN SYSTEME SANS FIL, ORDINATEUR, ET PROGRAMME INFORMATIQUE

(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) OSHIMA, Tomohiro YOKOMITSU, Yasushi

(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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098151 (13) A1

(21) PCT/US2003/029601

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) 10/410,455 9 Apr/avr 2003 US (09.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHODS AND APPARATUS FOR SECURE AND ADAPTIVE DELIVERY OF MULTIMEDIA CONTENT

- PROCEDES ET APPAREIL D'ADMINISTRATION SURE ET ADAPTATIVE D'UN CONTENU MULTIMEDIA

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(72) AMINI, Lisa, D.; 480 Fisher Pond Road, Yorktown Heights, NY 10598 (US).
FROSSARD, Pascal; Rue du Pays d'Enhaut 57, 1630 Bulle (CH).
VENKATRAMANI, Chitra; 101 Stratford North, Roslyn Heights, NY 11577 (US).
VERSCHURE, Olivier; 170 Adelphi Avenue, Harrison, NY 10528 (US).
WESTERINK, Peter; 10 Yates Avenue, Ossining, NY 10562 (US).

(74) LEWIS, William, E.; 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/098152 (13) A1

(21) PCT/US2004/013365

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/426,106 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • METHODS AND APPARATUS FOR SECURING PROXY MOBILE IP

- PROCEDES ET APPAREIL POUR SECURISER UN FOURNISSEUR D'ACCES INTERNET MOBILE PROXY

(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) LEUNG, Kent, K. [US/US]; 2447 Villa Nueva Way, Mountain View, CA 94040 (US).
DOMMETY, Gopal [IN/US]; 371 Elan Village Lane, Apt. 302, San Jose, CA 95134 (US).

(74) HEILBRUNN, Elise, R.; Beyer Weaver & Thomas, LLP, P.O. BOX 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 29/08

(11) WO 2004/098153 (13) A1

(21) PCT/EP2004/001447

(22) 16 Feb/fév 2004 (16.02.2004)

(25) de (26) de

(30) 103 19 551.3 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • AUTOMATION SYSTEM WITH AUTOMATIC PROVISION OF DIAGNOSTIC INFORMATION

- SYSTEME D'AUTOMATISATION AVEC MISE A DISPOSITION AUTOMATIQUE D'INFORMATIONS DIAGNOSTIQUES

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIEDENBERG, Peter** [DE/DE]; Sude-tendische Str. 11, 90537 Feucht (DE).
WOLF, Rene [DE/DE]; Cimbernstr. 7a, 90402 Nürnberg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/08

(11) WO 2004/098154 (13) A1

(21) PCT/EP2004/003825

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/422,752 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ACCESSING DATA IN A COMPUTER NETWORK

• PROCEDE PERMETTANT DE CONSULTER DES DONNEES DANS UN RESEAU INFORMATIQUE

(71) **SAP AG** [DE/DE]; Neurotstr. 16, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFITZNER, Ingo** [DE/DE]; Spinolastr. 1, 13125 Berlin (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/08

(11) WO 2004/098155 (13) A1

(21) PCT/IB2004/050500

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03101150.5 25 Apr/avr 2003 EP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OVERHEAD REDUCTION AND ADDRESS PROTECTION IN COMMUNICATION STACK

• REDUCTION DE SURCHARGE ET PROTECTION D'ADRESSES DANS UNE PILE DE TRANSMISSION

(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) **KEVENAAR, Thomas, A., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KAMPERMAN, Franciscus, L., A., J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 29/12

(11) WO 2004/098156 (13) A1

(21) PCT/EP2004/002260

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 19 322.7 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR SUPPORTING THE AUTOMATIC CONFIGURATION OF A COMMUNICATIONS DEVICE

• PROCEDE POUR CONTRIBUER A UNE CONFIGURATION AUTOMATIQUE D'UN DISPOSITIF DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ACKERMANN-MARKES, Achim** [DE/DE]; Tulpenweg 1, 82237 Würthsee (DE). **VEITS, Oliver** [DE/DE]; Rosswachtstrasse 21, 85221 Dachau (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/14, 12/28, 12/24, 29/06

(11) WO 2004/098157 (13) A2

(21) PCT/CA2004/000633

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/424,735 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM & METHOD FOR DELIVERING MESSAGES USING ALTERNATE MODES OF COMMUNICATION

• SYSTEME ET METHODE DE TRANSMISSION DES MESSAGES AU MOYENS DE MODES DE COMMUNICATION DE REMPLACEMENT

(71) **SONIC MOBILITY INC.** [CA/CA]; Suite 400, 1210-8 St. SW, Calgary, Alberta T2R 1L3 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOSTER, Dayton** [CA/CA]; 18 Elgin Drive, Calgary, Alberta T2Z 3Y7 (CA). **SHILMOVER, Barry** [CA/CA]; 29 Country Hills Green N.W., Calgary, Alberta T3K 4Y4 (CA). **KERSTENS, Kevin** [CA/CA]; 5964 Dalcastle Drive N.W., Calgary, Alberta T3A 2B3 (CA).

(74) **FORS, Arne, I., et al.** / etc.; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098158 (13) A2

(21) PCT/US2004/012978

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/424,139 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USB DICTATION DEVICE

• DISPOSITIF DE DICTEE USB

(71) DICTAPHONE CORPORATION
[US/US]; 3191 Broadbridge Avenue, Stratford, CT 06614 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEARAH, David, E. [US/US]; 11 Kirk Street, Winchester, MA 01890 (US). CHEN, Francis [US/US]; 165 Robin Hill Road, Chelmsford, MA 01824 (US).

(74) BELL, Michael, J. et al. / etc.; Howrey Simon Arnold & White, LLP, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098159 (13) A2

(21) PCT/US2004/013104

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/423,730 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TELEPHONE CALL HANDLING CENTER WHERE OPERATORS UTILIZE SYNTHESIZED VOICES GENERATED OR MODIFIED TO EXHIBIT OR OMIT PRESCRIBED SPEECH CHARACTERISTICS

• CENTRAL DE GESTION DES APPELS TELEPHONIQUE OU LES OPERATEURS UTILISENT DES VOIX SYNTHETISEES GENEREES OU MODIFIEES POUR PRESENTER OU OMETTRE DES CARACTERISTIQUES VOCALES PRESCRITES

(71) ABACUS COMMUNICATIONS, LC. [US/US]; 4456 Corporation Lane, Suite 200, Virginia Beach, VA 23456-3173 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) MACLEOD, John, B.; 2752 Nestlebrook Trail, Virginia Beach, VA 23456 (US).

(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/02

(11) WO 2004/098160 (13) A1

(21) PCT/EP2004/050444

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03445049.4 29 Apr/avr 2003 EP
(29.04.2003)(30) 60/468,431 7 May/mai 2003 US
(07.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EXCHANGEABLE COVERS FOR RADIO COMMUNICATION TERMINALS

• ENVELOPPES INTERCHANGEABLES POUR TERMINAUX DE COMMUNICATION RADIO

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEGIC, Stjepan [SE/SE]; Annebergsgatan 10B, S-211 47 Malmö (SE). FROHLUND, Stig [SE/SE]; Viktoriagatan 21, S-281 38 Hässleholm (SE).

(74) LINDBERG, Olle et al. / etc.; Albihs Malmö AB, Patent Department, P.O. Box 4289, S-203 14 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04M 1/02, H05K 5/03

(11) WO 2004/098161 (13) A1

(21) PCT/JP2003/005571

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRONIC DEVICE

• DISPOSITIF ELECTRONIQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KITAURA, Hiroharu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAKADA, Katsumi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) FUJIMOTO, Ryosuke; Tokyo ST Bldg. 9th Fl., 9-4, Hatchobori 4-chome, Chuo-ku, Tokyo 104-0032 (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 H04M 1/57, G06F 17/60, H04M 1/725

(11) WO 2004/098162 (13) A1

(21) PCT/EP2004/003905

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 03009518.6 28 Apr/avr 2003 EP
(28.04.2003)(30) 60/467,978 5 May/mai 2003 US
(05.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CHANGING PRESENTATION OF ITEMS OF INFORMATION BASED ON MESSAGE RECEPTION FREQUENCY

• MODIFICATION DE LA PRESENTATION D'ARTICLES D'INFORMATION EN FONCTION DE LA FREQUENCE DE RECEPTION DE MESSAGES

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOXENLAND, Eral [SE/SE]; Pålsgö-gatan 8, S-254 41 Helsingborg (SE).

(74) DAHNÉR, Christer; Ström & Gulliksson IP AB, P.O. Box 7086, S-103 87 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 1/57

(11) WO 2004/098163 (13) A1

(21) PCT/KR2004/000996

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10-2003-0028068 1 May/mai 2003 KR (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SENDER'S IDENTITY INDICATION METHOD IN MOBILE PHONE

• PROCEDE D'INDICATION DE L'IDENTITE DE L'APPELANT DANS UN TELEPHONE MOBILE

(71, 72) LEE, Tae-Yurn [KR/KR]; Areum-maoul Samho Apt. 408-102, Imae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-060 (KR).

(74) YANG, Gun Sik; #509 Jungdok 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/60

(11) WO 2004/098164 (13) A2

(21) PCT/EP2004/050547

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03445050.2 29 Apr/avr 2003 EP (29.04.2003)

(30) 60/468,434 7 May/mai 2003 US (07.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • USER INTERFACE UNIT FOR A TELEPHONE

• UNITE D'INTERFACE UTILISATEUR DESTINEE A UN TELEPHONE

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [—/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANGELHAG, Anders [SE/SE]; Luzernvägen 18, S-227 38 Lund (SE).

(74) LINDBERG, Olle et al. / etc.; Albihs Malmö AB, Patent Department, P.O. Box 4289, S-203 14 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04M 1/66

(11) WO 2004/098165 (13) A1

(21) PCT/CN2003/000909

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 03009502.0 28 Apr/avr 2003 EP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MASKED PHONE SERVICE WITH MASK PHONE NUMBER

• SERVICE TELEPHONIQUE DE MASQUAGE A NUMEROS DE TELEPHONE DE MASQUAGE

(71, 72) WEI, Tsung-Hsing [CN/CN]; 11F No. 285, Yung Ho Rd. Sec. 2, Yung Ho, Taipei, Taiwan (CN).

(74) KINGSOUND & PARTNERS; Suite 502, China Commerce Tower, No. 5, Sanlihe East Road, Xicheng District, Beijing 100045 (CN).

(81) AT AU BR BY FI ID IN KP KR MX NO NZ PH PL RU SE SG TR UA VN 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 H04M 1/66, 1/68, 3/16, H04L 9/00, 12/66, G06F 15/173, 11/30, 15/16, H04Q 7/24

(11) WO 2004/098166 (13) A1

(21) PCT/US2003/041574

(22) 29 Dec/déc 2003 (29.12.2003)

(25) en (26) en

(30) 10/424,442 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TECHNIQUE FOR SECURE WIRELESS LAN ACCESS

• TECHNIQUE POUR L'ACCES SECURISE A UN RESEAU LOCAL SANS FIL

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Junbiao [CN/US]; 20 Jenna Drive, Bridgewater, NJ 08807 (US). MATHUR, Saurabh [IN/US]; 4701 Quail Ridge Drive, Plainsboro, NJ 08536 (US). RAMASWAMY, Kumar [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Licensing Inc., 2 Independence Way, Suite 200, P.O. Box 5312, Princeton, NJ 08543-5312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H04N

(11) WO 2004/098167 (13) A2

(21) PCT/US2004/010167

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/425,338 29 Apr/avr 2003 US (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A SYSTEM AND PROCESS FOR GENERATING HIGH DYNAMIC RANGE VIDEO

• SYSTEME ET PROCEDE POUR LA GENERATION DE VIDEO A GAMME DYNAMIQUE ELEVEE

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **KANG, Sing, Bing**; 18217 NE 100th Ct, Redmond, WA 98052 (US). **UYTTEN-DAELE, Matthew**; 153 Erie Avenue, Seattle, WA 98122 (US). **WINDER, Simon**; 303 E Pike Street #606, Seattle, WA 98122 (US). **SZELISKI, Richard**; 2602 131st Place NE, Redmond, WA 98052 (US).

(74) **LYON, Richard**; Lyon & Harr, LLP, Suite 800, 300 Esplanade Drive, Oxnard, CA 93036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098168** (13) A2

(21) PCT/US2004/010554

(22) **6 Apr/avr 2004 (06.04.2004)**

(25) en (26) en

(30) 10/423,732 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PORTABLE VIDEO SYSTEM
• SYSTEME VIDEO PORTABLE

(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 2004/098169** (13) A2

(21) PCT/US2004/012036

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/423,502 **25 Apr/avr 2003** US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REMOTE CONTROL ACTIVATOR WITH VOICE DATA MEMORY AND ASSOCIATED METHOD

• ACTIVATEUR DE TELECOMMANDE D'UNE MEMOIRE DE VOIX-DONNEES ET PROCEDES ASSOCIES

(71) **KUTSUZAWA, John** [US/US]; 531 Waverly Road, Wyckoff, NJ 07481 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KUTSUZAWA, Kasey** [US/US]; 531 Waverly Road, Wyckoff, NJ 07481 (US).

(74) **KERCHER, Kevin, M.**; Blackwell Sanders Peper Martin LLP, 24 th Floor, 720 Olive Street, St. Louis, MO 63101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098170** (13) A2

(21) PCT/US2004/012149

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 10/422,376 **24 Apr/avr 2003** US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROCESSING MULTIPLE ENCRYPTED TRANSPORT STREAMS
• TRAITEMENT DE FLOTS DE TRANSPORT CODES MULTIPLES

(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) **HOBROCK, Lance** [US/US]; 2922 Lone Jack Road, Encinitas, CA 92024 (US). **BOYKOV, Boyko** [US/US]; 214 S Pine Avenue Apt 201, Arlington Heights, IL 60005 (US). **HERRING, Matthew** [US/US]; 1544 Chalcadony, San Diego, CA 92109 (US). **TIWARI, Ashish** [IN/US]; 11545 Caminito La Bar #69, San Diego, CA 92126 (US). **DAILY, Mack** [US/US]; 309 Prospect Drive, Round Lake Park, IL 60073 (US).

(74) **SILVERIO, John, V. et al. / etc.**; Motorola, Inc., 101 Tournament Drive, Horsham, PA 19044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/387

(11) **WO 2004/098171** (13) A1

(21) PCT/JP2004/005863

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-122260 **25 Apr/avr 2003** JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • WATERMARK INFORMATION DETECTION METHOD

• PROCEDE DE DETECTION D'INFORMATIONS DE FILIGRANE

(71) **OKI ELECTRIC INDUSTRY CO., LTD.** [JP/JP]; 7-12, Toranomon 1-chome, Minato-ku, Tokyo 1058460 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOHNE, Toshio** [JP/JP]; c/o Oki Electric Industry Co., Ltd., 7-12, Toranomon 1-chome, Minato-ku, Tokyo 1058460 (JP). **HASHIMOTO, Takashi** [JP/JP]; c/o Oki Electric Industry Co., Ltd., 7-12, Toranomon 1-chome, Minato-ku, Tokyo 1058460 (JP). **SUZAKI, Masahiko** [JP/JP]; c/o Oki Electric Industry Co., Ltd., 7-12, Toranomon 1-chome, Minato-ku, Tokyo 1058460 (JP).

(74) **KAMEYA, Yoshiaki et al. / etc.**; HAZUKI INTERNATIONAL YOTSUYA, Daiichi Tomizawa Building, 1-3, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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 H04N 1/40

(11) **WO 2004/098172** (13) A1

(21) PCT/JP1999/000209

(22) **21 Jan/jan 1999 (21.01.1999)**

(25) ja (26) ja

(30) 10/10418 **22 Jan/jan 1998** JP (22.01.1998)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE INFORMATION PROCESSOR, IMAGE INFORMATION PROCESSING

METHOD, AND IMAGE FORMING DEVICE

- PROCESSEUR D'INFORMATIONS IMAGE, PROCEDE DE TRAITEMENT D'INFORMATIONS IMAGE ET DISPOSITIF DE FORMATION D'IMAGES

(71, 72) **MORO, Akihiro** [JP/JP]; 4-2-8-310, Nakanoshima, Tama-ku, Kawasaki-shi, Kanagawa-ken 214-0012 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) US.

Published / Publiée : (e) 12Aug/août 2003 (12.08.2003), 6606172

(51)⁷ **H04N 5/00, 7/173**

(11) **WO 2004/098173** (13) A1

(21) PCT/IB2004/050537

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 03101183.6 **29 Apr/avr 2003** EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IDENTICAL RECORDINGS ON P2P NETWORK MAPPED ONTO SINGLE QUERY RESULT

- MISE EN CORRESPONDANCE D'ENREGISTREMENTS IDENTIQUES SUR UN RESEAU P2P DE FAÇON A FORMER UN SEUL RESULTAT DE RECHERCHE

(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) **PETERS, Marc, A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN DEN BOOMEN, Wilhelmus, H., G., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VERDONK, Peter, L., F., 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 **H04N 5/225, H01L 27/14, H04N 5/335**

(11) **WO 2004/098174** (13) A1

(21) PCT/JP2004/005025

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) ja (26) ja

(30) 2003-123829 **28 Apr/avr 2003** JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- IMAGING DEVICE
- SYSTEME IMAGEUR

(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) **NISHIZAWA, Hiroshi**

(74) **OHNO, Seiji** et al. / etc.; Ohno & Partners Kasumigaseki Building 36F, 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1006036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04N 5/225**

(11) **WO 2004/098175** (13) A1

(21) PCT/JP2004/005907

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-124850 **30 Apr/avr 2003** JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- IMAGE MAGNIFICATION DEVICE
- DISPOSITIF D'AGRANDISSEMENT D'IMAGE

(71) **TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO. LTD.** [JP/JP]; 1-8, Konan 4-chome, Minato-ku, Tokyo, 1080075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOTAI, Tomonobu** [JP/JP]; Yokohama-Urashimaoka-Hills-310, 17-1, Urashimaoka, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210062 (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 **H04N 5/272**

(11) **WO 2004/098176** (13) A1

(21) PCT/FR2004/000982

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) fr (26) fr

(30) 03/05068 **24 Apr/avr 2003** FR (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF TRANSMITTING DATA REPRESENTING THE SPATIAL POSITION OF A VIDEO CAMERA AND SYSTEM IMPLEMENTING SAID METHOD

- PROCEDE DE TRANSMISSION DE DONNEES REPRESENTANT LA POSITION DANS L'ESPACE D'UNE CAMERA VIDEO ET SYSTEME DE MISE EN OEUVRE DU PROCEDE

(71) **YODEA** [FR/FR]; 33 Rue des Trois Frères, F-75018 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALHADEF, Laurent** [FR/FR]; 4 Rue Mayet, F-75006 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **H04N 5/44**

(11) **WO 2004/098177** (13) A1

(21) PCT/CN2004/000384

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) zh (26) zh

(30) 03123077.6 **30 Apr/avr 2003** CN (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • EQUIPMENT AND METHOD FOR DETECTING COMMERCIAL AUTOMATELY

• EQUIPEMENT ET PROCÉDE DE DETECTION AUTOMATIQUE DE MESURES COMMERCIAUX

(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) YU, Xuwen [CN/CN]; 18th Floor, Zhongguancun Tower, No. 27, Zhongguancun Street, Haidian District, Beijing 100080 (CN). ZHENG, Wentao [CN/CN]; 18th Floor, Zhongguancun Tower, No. 27, Zhongguancun Street, Haidian District, Beijing 100080 (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).

(51)⁷ H04N 5/44

(11) WO 2004/098178 (13) A1

(21) PCT/GB2004/001825

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 0310061.7 1 May/mai 2003 GB (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DE-INTERLACING OF VIDEO DATA

• DESENTRELACEMENT DE DONNÉES VIDEO

(71) IMAGINATION TECHNOLOGIES LIMITED [GB/GB]; Home Park Estate, Kings Langley, Hertfordshire WD4 8LZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAZZINI, Paolo, Guiseppe [IT/GB]; 47 Farthing Close, Watford, Hertfordshire WD18 0BT (GB).

(74) ROBSON, Aidan, John; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04B 1/06

(11) WO 2004/098179 (13) A1

(21) PCT/JP2003/005535

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRONIC APPARATUS, TUNING SYSTEM, AND CHANNEL SETTING PROGRAM

• APPAREIL ELECTRONIQUE, SYSTEME D'ACCORD ET PROGRAMME DE REGLAGE DE CHAÎNE

(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) SASAKI, Noriyuki [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 H04N 5/445

(11) WO 2004/098180 (13) A1

(21) PCT/IB2004/001301

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03300010.0 30 Apr/avr 2003 EP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VIDEO LANGUAGE FILTERING BASED ON USER PROFILE

• FILTRAGE DES LANGUES EN VIDEO ETABLI EN FONCTION DU PROFIL UTILISATEUR

(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) KELLY, Declan Patrick [IE/NL]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 PARIS (FR). LEIBBRANDT, Gobert [NL/NL]; c/o Société Civile SPID, 156 Bd Haussmann, F-75008 PARIS (FR).

(74) CHAFFRAIX, Jean; Société Civile SPID, 156 Boulevard Haussmann, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG 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 H04N 5/64

(11) WO 2004/098181 (13) A1

(21) PCT/US2004/012264

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,845 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • VARIABLE INTENSITY ILLUMINATION DEVICE WITH DETECTION AND CONTROL CIRCUIT FOR A FRONT PANEL OF A TELEVISION APPARATUS

• DISPOSITIF D'ECLAIRAGE A INTENSITE VARIABLE EQUIPE D'UN CIRCUIT DE DETECTION ET DE COMMANDE POUR PANNEAU AVANT D'UN APPAREIL DE TELEVISION

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. LeGallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TESTIN, William, John [US/US]; 6808 Winona Drive, Indianapolis, IN 46236-9506 (US). MCCARTHY, William, Patrick [US/US]; 7832 Pennyroyal Lane, Indianapolis, IN 46237 (US). NICHOLSON, John, Edward [US/US]; 8814 Skippers Way, Indianapolis, IN 46256 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 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).

Published / Publiée : (c)

(51)⁷ H04N 5/74

(11) WO 2004/098182 (13) A1

(21) PCT/DE2004/000870

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) 103 19 571.8 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • LIGHTING SYSTEM PROVIDED WITH A SEQUENTIAL COLOUR FILTERING AND A HIGH-PRESSURE DISCHARGE LAMP

• SYSTEME D'ECLAIRAGE COMPORTANT UN SYSTEME DE FILTRAGE CHROMATIQUE SEQUENTIEL ET UNE LAMPE A DECHARGE HAUTE PRESSION

(71) PATENT-TREU-HAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH [DE/DE]; Hellabrunner Str. 1, 81543 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEIKE, Florian [DE/—]; 4F, 43 Sung Chiang Rd., Taipei 104, Taiwan R.O.C. (TW). HUBER, Andreas [DE/DE]; Riedlstr. 34, 82216 Maisach (DE). LANKES, Simon [DE/DE]; Seepromenade 31b, 14612 Falkensee (DE). OSTEN, Andreas [DE/—]; No. 29, Sung Yang 2nd Road, Taipei - Peitou (TW).

(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 H04N 5/92

(11) WO 2004/098183 (13) A1

(21) PCT/JP2004/005805

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-121595 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REPRODUCTION DEVICE, REPRODUCTION METHOD, REPRODUCTION PROGRAM, AND RECORDING MEDIUM

• DISPOSITIF DE REPRODUCTION, PROCEDE DE REPRODUCTION, PROGRAMME DE REPRODUCTION, SUPPORT D'ENREGISTREMENT

(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) HAMADA, Toshiya [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). KATO, Motoki [JP/JP]; C/O SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(74) SUGIURA, Masatomo, et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo, 1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/93, 7/30

(11) WO 2004/098184 (13) A1

(21) PCT/JP2004/005544

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-122472 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE DECODING DEVICE AND IMAGE DECODING METHOD

• DISPOSITIF ET PROCEDE POUR DECODER DES IMAGES

(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) NAGUMO, Takefumi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAGASAKI, Yoichi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SUZUKI, Teruhiko [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TANABE, Shigemoto; Tokiwa Building 5th Floor, 6-4, Osaki 3-chome, Shinagawa-ku, Tokyo 141-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H04N 7/16

(11) WO 2004/098185 (13) A1

(21) PCT/IB2004/050516

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03101173.7 29 Apr/avr 2003 EP (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR STORING A DATA STREAM

• PROCEDE ET APPAREIL DE STOCKAGE D'UN FLUX 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) TAN, Jingwei [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SHI, Jun [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GAN, Liang [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KELLY, Declan, P. [IE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NEWTON, Philips, S. [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 H04N 7/16, 7/24

(11) WO 2004/098186 (13) A1

(21) PCT/IB2004/050519

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 03101170.3 29 Apr/avr 2003 EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • DEVICE AND METHOD FOR
RECORDING INFORMATION

• DISPOSITIF ET PROCEDE
D'ENREGISTREMENT
D'INFORMATIONS

(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 GESTEL, Wilhelmus, J.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). KELLY, Declan, P.
[IE/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). NEWTON, Philip, S.
[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 H04N 7/173

(11) WO 2004/098187 (13) A1

(21) PCT/IB2004/050473

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 03101165.3 28 Apr/avr 2003 EP
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND ARRANGEMENT FOR
AUTOMATICALLY SEARCHING IN-
FORMATION SOURCES ACCESSIBLE
THROUGH A NETWORK FOR CON-
TENTS SATISFYING PREDEFINED
CRITERIA

• PROCEDE ET DISPOSITIF POUR
RECHERCHER AUTOMATIQUE-
MENT, DANS DES SOURCES
D'INFORMATIONS ACCESSIBLES
PAR L'INTERMEDIAIRE D'UN RE-
SEAU DES CONTENUS REPONDANT
A DES CRITERES PREDEFINIS

(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) STAMPFL, Norbert [AT/AT]; Triester
Strasse 64, A-1101 Vienna (AT).

(74) RÖGGLA, Harald; Philips Intellectual
Property & Standards, Triester Strasse 64,
A-1101 Vienna (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 7/173

(11) WO 2004/098188 (13) A1

(21) PCT/JP2003/013447

(22) 21 Oct/oct 2003 (21.10.2003)

(25) ja (26) ja

(30) 2003-125335 30 Apr/avr 2003 JP
(30.04.2003)

(30) 2003-125336 30 Apr/avr 2003 JP
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PROGRAM-RELATED INFORMATION
PROVIDING SYSTEM

• SYSTEME FOURNISSANT DES DON-
NEES ASSOCIEES A UNE EMISSION

(71, 72) MIYAYAMA, Naoyuki [JP/JP];
5-38-11-201, Jingumae, Shibuya-ku, Tokyo
107-0013 (JP).

(74) KANEHARA, Masamichi; Address Garden
Daikanyama 304, 16-5, Daikanyama-cho,
Shibuya-ku, Tokyo 150-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SK SL TJ TM TN TR TT TZ UA
UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04N 7/173

(11) WO 2004/098189 (13) A1

(21) PCT/KR2004/001014

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ko (26) en

(30) 10-2003-0027937 1 May/mai 2003 KR
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR BROWSING INFOR-
MATION WITH SET TOP BOX HAV-
ING TV PLAZA FUNCTION

• PROCEDE PERMETTANT DE NAVI-
GUER DANS DES INFORMATIONS A
L'AIDE D'UN BOITIER DECODEUR A
FONCTION ESPLANADE T.V.

(71) ALTICAST CORP. [KR/KR]; 16th Floor,
Nara Investment Banking Corp. Bldg.,
1328-3, Seocho-dong, Seocho-gu, Seoul
137-070 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Zino [KR/KR]; #203-603,
Hyundai Home Town 2nd, Dongcheon-
maeul, 862, Dongcheon-dong, Yongin-si,
Kyunggi-do 449-120 (KR).

(74) KIM, Jin-Hak; 1106, Kumsan Bldg., 17-1,
Yoido-dong, Youngdeungpo-ku, Seoul
150-727 (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 KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04N 7/173, 7/16

(11) WO 2004/098190 (13) A1

(21) PCT/US2003/033686

(22) 22 Oct/oct 2003 (22.10.2003)

- (25) en (26) en
- (30) 10/403,485 **31 Mar/mar 2003** US
(31.03.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • NETWORKED MULTIMEDIA SYSTEM HAVING A MULTI-ROOM INTERACTIVE NETWORK GUIDE
• SYSTEME MULTIMEDIA EN RESEAU A GUIDE DE RESEAU INTERACTIF MULTIOCAUX
- (71) SCIENTIFIC-ATLANTA, INC. [US/US]; 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).
- (72) RUSS, Samuel H.; 1450 Turtle Dove Lane, Lawrenceville, GA 30043 (US). GAUL, Michael A.; 652 Brass Key Court, Lawrenceville, GA 30045 (US). SCHLARB, John M.; 4030 Boles Creek Drive, Duluth, GA 30096 (US).
- (74) COUTURIER, Shelley L. et al. / etc.; Scientific-Atlanta, Inc., Intellectual Property Dept. (4.3.517), 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).
- (81) CA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H04N 7/18
- (11) WO 2004/098191 (13) A1
- (21) PCT/GB2004/001772
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 0309939.7 **30 Apr/avr 2003** GB
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • VIDEO CAPTURE SYSTEM INPUT CONTROL
• COMMANDE D'ENTREE POUR SYSTEME DE CAPTURE D'IMAGES VIDEO
- (71) BRADDAHEAD LIMITED [GB/GB]; Deacon Park, Moorgate Road, Knowsley Industrial Park, Liverpool, Merseyside L33 7RX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIAMOND, Peter [GB/GB]; 13 Sevenoaks Avenue, Heaton Moor, Stockport, Cheshire SK4 4AP (GB).
- (74) HACKNEY, Nigel et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 7/24
- (11) WO 2004/098193 (13) A2
- (21) PCT/JP2004/006074
- (22) 27 Apr/avr 2004 (27.04.2004)
- (25) en (26) en
- (30) 60/465,972 **28 Apr/avr 2003** US
(28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • RECORDING MEDIUM, REPRODUCTION APPARATUS, RECORDING METHOD, REPRODUCING METHOD, PROGRAM, AND INTEGRATED CIRCUIT
• SUPPORT D'ENREGISTREMENT, APPAREIL DE REPRODUCTION, PROCEDE D'ENREGISTREMENT, PROGRAMME ET CIRCUIT INTEGRE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCCROSSAN, Joseph OKADA, Tomoyuki OGAWA, Tomoki
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 7/26
- (11) WO 2004/098194 (13) A1
- (21) PCT/FI2004/050051
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 10/426,928 **30 Apr/avr 2003** US
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD FOR CODING SEQUENCES OF PICTURES
• PROCEDE DE CODAGE DE SEQUENCES D'IMAGES
- (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) HANNUKSELA, Miska [FI/FI]; Kukkaniitynkatu 4 B, FI-33710 Tampere (FI). WANG, Ye-Kui [CN/FI]; Finnimäenkatu 43 A 2, FI-33720 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 H04N 7/26
- (11) WO 2004/098195 (13) A1
- (21) PCT/FI2004/050052
- (22) 29 Apr/avr 2004 (29.04.2004)
- (25) en (26) en
- (30) 10/427,714 **30 Apr/avr 2003** US
(30.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • PICTURE CODING METHOD
• PROCEDE DE CODAGE D'IMAGE

(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) **HANNUKSELA, Miska** [FI/FI];
Kukkaniitynkatu 4 B, FI-33710 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 H04N 7/26

(11) **WO 2004/098196** (13) A1

(21) PCT/FI2004/050053

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 10/427,737 **30 Apr/avr 2003** US
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PICTURE CODING METHOD
• PROCEDE DE CODAGE D'IMAGE

(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) **HANNUKSELA, Miska** [FI/FI];
Kukkaniitynkatu 4 B, FI-33710 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 H04N 7/26, 7/50

(11) **WO 2004/098197** (13) A1

(21) PCT/IB2004/050531

(22) **28 Apr/avr 2004 (28.04.2004)**

(25) en (26) en

(30) 03101176.0 **29 Apr/avr 2003** EP
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • IMAGE PROCESSING APPARATUS
• APPAREIL DE TRAITEMENT
D'IMAGES

(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) **WELLES, Petrus, W., G.** [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). **BRULS, Wilhelmus, H., A.** [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-
hoven (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
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 H04N 7/26

(11) **WO 2004/098198** (13) A1

(21) PCT/IB2004/050546

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 03101215.6 **2 May/mai 2003** EP
(02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTILAYERED CODING SUPPORTS
MIGRATION TO NEW STANDARD
• CODAGE MULTICOUCHE COMPA-
TIBLE AVEC LE PASSAGE A UNE
NOUVELLE NORME

(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) **BRULS, Wilhelmus, H., A.** [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). **VAN DER MEER, Jan**
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) **VERDONK, Peter, L., F., M.**; 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
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 H04N 9/24

(11) **WO 2004/098199** (13) A1

(21) PCT/IB2004/050518

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 03101207.3 **1 May/mai 2003** EP
(01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CATHODE RAY TUBE OF THE INDEX
TYPE
• TUBE CATHODIQUE DU TYPE A IN-
DEXATION

(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) **IJZERMAN, Willem, L.** [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) **DEGUELLE, Wilhelmus, H., G.**; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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) H04N 9/31

(11) WO 2004/098200 (13) A1

(21) PCT/IB2004/050536

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03101206.5 1 May/mai 2003 EP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • PROJECTOR SYSTEM
• SYSTEME PROJECTEUR

(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 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).

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 H04N 9/73

(11) WO 2004/098201 (13) A1

(21) PCT/IB2004/001225

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/466,039 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LIQUID CRYSTAL PROJECTOR HAVING INCREASED COLOR ACCURACY
• PROJECTEURS A CRISTAUX LIQUIDES A FIDELITE DES COULEURS AMELIOREE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DALAL, Sandeep, M. [US/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). RODOPER, Kamil, B. [US/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H04N 9/73

(11) WO 2004/098202 (13) A1

(21) PCT/JP2004/006353

(22) 30 Apr/avr 2004 (30.04.2004)

(25) ja (26) ja

(30) 2003-126140 1 May/mai 2003 JP (01.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • COLOR BALANCE ADJUSTMENT CONDUCTED CONSIDERING COLOR REPRODUCIBILITY OF SPECIFIC COLOR

- REGLAGE DE L'EQUILIBRE DES COULEURS TENANT COMPTE DE LA REPRODUCTIBILITE D'UNE COULEUR DONNEE

(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) HAYAISHI, Ikuo [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).

(74) TOKKYO GYOMUHOJIN MEISEI INTERNATIONAL PATENT FIRM; Mitsui-Sumitomo Bank Bldg., 7th floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 4600003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 13/00

(11) WO 2004/098203 (13) A1

(21) PCT/EP2004/004464

(22) 28 Apr/avr 2004 (28.04.2004)

(25) de (26) de

(30) 103 20 530.6 30 Apr/avr 2003 DE (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • ARRANGEMENT FOR REALIZING A THREE-DIMENSIONAL REPRESENTATION

- CONFIGURATION POUR REALISER UNE REPRESENTATION TRIDIMENSIONNELLE

(71) X3D TECHNOLOGIES GMBH [DE/DE]; Carl-Pulfrich-Strasse 1, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TZSCHOPPE, Wolfgang [DE/DE]; Burgstrasse 40, 07751 Rothenstein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 13/02

(11) WO 2004/098204 (13) A1

(21) PCT/JP2003/005617

(22) 2 May/mai 2003 (02.05.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • STEREOSCOPIC PHOTOGRAPHING METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE PHOTOGRAPHIE STEREOSCOPIQUE

(71, 72) TOMITA, Seiji [JP/JP]; 13-5, Inogata 3-chome, Komae-shi, Tokyo 201-0015 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg., 17-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04N 13/04, 15/00

(11) WO 2004/098205 (13) A2

(21) PCT/IL2004/000352

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 155617 28 Apr/avr 2003 IL (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • LENTICULAR PANEL WITH VARIABLE PITCH
• PANNEAU LENTICULAIRE A PAS VARIABLE

(71) LUBARTECH LTD. [IL/IL]; Omer Industrial Park, 84965 Omer (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAR-YONA, Itzhak [IL/IL]; 17B Rabbi Yichia Avitz Street, 48039 Rosh Ha'Ayin (IL).

(74) LUZZATTO, Kfir et al. / etc.; P.O. Box 5352, 84152 Beer Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 17/04

(11) WO 2004/098206 (13) A1

(21) PCT/FR2004/000965

(22) 20 Apr/avr 2004 (20.04.2004)

(25) fr (26) fr

(30) 03/05120 25 Apr/avr 2003 FR (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • FLAT SCREEN DEVICE AND SYSTEM FOR THE ADJUSTMENT THEREOF
• DISPOSITIF D'ECRAN PLAT ET SYSTEME DE REGLAGE POUR UN TEL DISPOSITIF

(71) JOHNSON CONTROLS AUTOMOTIVE ELECTRONICS [FR/FR]; 18, chaussée Jules César, F-95526 Cergy Pontoise Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEHOMME, Francis [FR/FR]; 1, résidence du Bois de Boulogne, Bâtiment Amenonville, F-95290 L'Isle-Adam (FR).
DOMMANGET, Thierry [FR/FR]; 33, rue du rû d'Orme, F-78770 Auteuil-Le-Roi (FR).

(74) DAVID, Daniel; Bloch & Associes, 2, square de l'Avenue du Bois, F-75116 Paris (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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

(11) WO 2004/098207 (13) A2

(21) PCT/JP2004/006150

(22) 28 Apr/avr 2004 (28.04.2004)

(25) ja (26) ja

(30) 2003-124240 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • RADIO RELAY DEVICE
• DISPOSITIF DE RELAIS RADIO

(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) KURITA, Masanori [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
NII, Takayuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
MATSUMOTO, Kazuhiro [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
MATSUO, Masayuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(74) NAKAI, Hiroyuki; Sorio 3, 4F, 2-1, Sakaemachi 2-chome, Takarazuka-shi, Hyogo 6650845 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098208 (13) A2

(21) PCT/US2004/010063

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/422,400 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

- (54) • A MOBILE STATION AND METHOD FOR MANAGING MULTIPLE MESSAGING CONTEXTS
• STATION MOBILE ET PROCEDE DE GESTION DE CONTEXTES DE MESSAGERIE MULTIPLES

(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) SAGI, Uday, C. [IN/US]; 3350 Western Center Blvd., Apt. #221, Fort Worth, 76137 (US).
MOWRY, Kevin, Curtis [US/US]; 1111 Stone Gate Drive, Irving, TX 75063 (US).
SMITH, Dwight, Randall [US/US]; 2132 Brownstone Court, Grapevine, TX 76051 (US).

(74) WATANABE, Hisashi, David et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q

(11) WO 2004/098209 (13) A2

(21) PCT/US2004/012214

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/423,751 25 Apr/avr 2003 US (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR INCREASING EFFECTIVE RADIATED POWER FROM A SUBSCRIBER DEVICE

• PROCEDE ET DISPOSITIF POUR AUGMENTER LA PUISSANCE D'EMISSION EFFECTIVE PROVENANT D'UN DISPOSITIF D'ABONNE

(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) EATON, Eric, T. [US/US]; 3198 Medinah Circle East, Lake Worth, FL 33467 (US). SIBECAS, Salvador [US/US]; 7181 Lockwood Road, Lake Worth, FL 33467 (US). STRATIS, Glafkos [US/US]; 6077 Oak Bluff Way, Lake Worth, FL 33467 (US).

(74) BROWN, Larry, G. 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 3/00

(11) WO 2004/098210 (13) A1

(21) PCT/IB2004/001288

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/424,455 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • POLICY BASED MEDIA PATH SELECTION IN A BROADBAND ACCESS NETWORK

• SELECTION DE CANAL MEDIA GERE PAR DES REGLES DANS UN RESEAU D'ACCES A LARGE BANDE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; Telefonplan, S-164 83 Stockholm (SE).

(72) OSTERLUND, Hakan; Fritidsv. 8, SE-178 36 Ekero (SE).

(74) HAN, John, C. et al. / etc.; Ericsson Inc., 6300 Legacy, MS EVR 1-C-11, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 3/00, H04M 15/08, 17/00, 3/54

(11) WO 2004/098211 (13) A1

(21) PCT/IB2004/001330

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 2003/3402 2 May/mai 2003 ZA (02.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD OF OPERATING A TELEPHONY NETWORK

• PROCEDE D'EXPLOITATION D'UN RESEAU TELEPHONIQUE

(71, 72) KAHN, Ari [ZA/ZA]; 41 22nd Street, Parkhurst, 2194 Johannesburg (ZA).

(74) DONALD, Heather, June et al. / etc.; Spoor & Fisher, P.O. 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 H04Q 7/20

(11) WO 2004/098212 (13) A1

(21) PCT/CN2003/000305

(22) 25 Apr/avr 2003 (25.04.2003)

(25) zh (26) zh

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MACRO-DIVERSITY MANAGEMENT METHOD BY USING INTELLIGENT VBSs

• PROCEDE DE GESTION DE LA MACRO-DIVERSITE AU MOYEN DE VBS INTELLIGENTS

(71) UTSTARCOM (CHINA) CO. LTD. [CN/CN]; B/11F, CNT Manhattan Bldg., Dongsishitiao Str., Beijing 100027 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Xiyuan [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). HUANG, Bill [US/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). XU, Zhiyu [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) CCPIT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 H04Q 7/20

(11) WO 2004/098213 (13) A1

(21) PCT/US2003/034147

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 60/421,064 25 Oct/oct 2002 US (25.10.2002)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR GEO-LOCATION OF MOBILE APPLIANCES USING DIVERSE STANDARD TASKING AND REPORTING

• SYSTEME ET PROCEDE DE GEOLOCALISATION D'APPAREILS MOBILES PAR L'ATTRIBUTION DE TACHES ET LA COMMUNICATION AVEC DES NORMES DIVERSES

(71) ANDREW CORPORATION [US/US]; 13595 Dulles Technology Drive, Suite 200, Herndon, VA 20171 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KENNEDY, Joseph, P. [US/US]; 11127 Elmview Place, Great Falls, VA 22066 (US).

- GRAVELY, Thomas, B. [US/US]; 11693 Hanna Overlook Court, Herndon, VA 20170 (US). BECK, Andrew [US/US]; 21576 Lefevre Inn Drive, Ashburn, VA 20148 (US). CORCORAN, Michael [US/US]; 305 Lake View Way, N.W., Leesburg, VA 20176 (US). BRICKHOUSE, Bob [US/US]; 11432 Summerhouse Court, Reston, VA 20194 (US).
- (74) COMTOIS, Mark, C.; Duane Morris LLP, Suite 700, 1667 K Street, N.W., Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 H04Q 7/20, H04B 7/00
- (11) WO 2004/098214 (13) A1
- (21) PCT/US2004/010390
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/466,259 29 Apr/avr 2003 US (29.04.2003)
- (30) 60/470,228 13 May/mai 2003 US (13.05.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • FAST ACTIVE SCANNING WIRELESS NETWORK APPARATUS AND METHOD
- DISPOSITIF DE RESEAU SANS FIL A EXPLORATION ACTIVE RAPIDE, ET PROCEDE
- (71) DOCOMO COMMUNICATIONS LABORATORIES USA, INC. [US/US]; 181 Metro Drive, Suite 300, San Jose, CA 95110 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JEONG, Moo Ryong [KR/US]; 305 Elan Village Lane, #206, San Jose, CA 95134 (US). WATANABE, Fujio [JP/US]; 1263 Lakeside Dr, #2190, Sunnyvale, CA 94085 (US). KAWAHARA, Toshiro [JP/US]; 20100 Pampas Ct., Saratoga, CA 95070 (US).
- (74) BERNSTEIN, Frank et al. / etc.; SUGHRUE MION, PLLC, 401 Castro Street, Suite 220, Mountain View, CA 94041-2007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04Q 7/24
- (11) WO 2004/098216 (13) A1
- (21) PCT/KR2004/000604
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) ko (26) en
- (30) 10-2003-0026717 28 Apr/avr 2003 KR (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • METHOD AND APPARATUS FOR PROVIDING A VOICE HOMEPAGE HAVING A MESSAGE SPACING
- PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UNE PAGE D'ACCUEIL VOCALE A ESPACE DE MESSAGE
- (71) KTFREETEL CO., LTD. [KR/KR]; KTF Tower, 890-20 Daechi-4Dong, Gangnam-Gu, Seoul 135-737 (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEE, Dong-Ik [KR/KR]; 808-1403 Hanjin Apartment, Jeongdeun Maoul, Jeongja-Dong, Bundang-Ku, Seongnam, Kyunggi-Do 463-010 (KR). AHN, Hee-Jung [KR/KR]; 6-603 Hanyang Apartment, Ssangmoon-3Dong, Dobong-Ku, Seoul 132-741 (KR). JE, Kyung-Il [KR/KR]; 906-1006 Soman Maoul, 793, Haengsin-Dong, Deokyang-Ku, Koyang, Kyunggi-Do 412-731 (KR).
- (74) CHO, Heum-O et al. / etc.; 9th Floor, Star Tower, 737, Yeoksam1-Dong, Kangnam-Ku, Seoul 135-984 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
-
- (51)⁷ H04Q 7/24
- (11) WO 2004/098217 (13) A1
- (21) PCT/US2004/012216
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/424,178 25 Apr/avr 2003 US (25.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • REDUCED ORDER MODEL NODE LOCATION METHOD FOR MULTI-HOP NETWORKS
- PROCEDE DE LOCALISATION DE NOEUDS DANS UN RESEAU A SAUTS MULTIPLES
- (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) KYPEROUNTAS, Spyros [CY/US]; 6085 Boca Colony Drive, Boca Raton, FL 33433 (US). NIU, Feng [US/US]; 958 Briar Ridge Road, Weston, FL 33327 (US). SHI, Qicai [CN/US]; 5462 N.W. 122 Drive, Coral Springs, FL 33076 (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI 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 7/32

(11) WO 2004/098218 (13) A1

(21) PCT/EP2004/002425

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 19 317.0 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR INSTALLING AND DISINSTALLING A PROGRAM CODE IN A SUBSCRIBER'S STATION OF A RADIO COMMUNICATION SYSTEM AND SAID SUBSCRIBER'S STATION

• PROCEDE POUR INSTALLER OU DESINSTALLER UN CODE PROGRAMME DANS UN POSTE D'ABONNE D'UN SYSTEME DE RADIOCOMMUNICATION, ET POSTE D'ABONNE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DILLINGER, Markus [DE/DE]; Unterhachingstr. 89, 81737 München (DE). FALK, Rainer [DE/DE]; Erikaweg 9, 85586 Poing (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 H04Q 7/32

(11) WO 2004/098219 (13) A1

(21) PCT/EP2004/050628

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 03445048.6 29 Apr/avr 2003 EP (29.04.2003)

(30) 60/468,433 7 May/mai 2003 US (07.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MOBILE APPARATUS WITH REMOTE LOCK AND CONTROL FUNCTION

• APPAREIL MOBILE A FONCTION DE VERROUILLAGE ET DE COMMANDE A DISTANCE

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYDGREN, Ake [SE/SE]; Norrevang 16, S-247 34 Sodra Sandby (SE). JEND-BRO, Magnus [SE/SE]; Reallinjen 1, S-224 73 Lund (SE).

(74) AKERMAN, Marten et al. / etc.; Albhins Malmo AB, P.O. Box 4289, S-203 14 Malmo (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04Q 7/32, H04M 11/08

(11) WO 2004/098220 (13) A1

(21) PCT/IB2003/001618

(22) 28 Apr/avr 2003 (28.04.2003)

(25) en (26) en

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND DEVICE FOR OPERATING AN ELECTRONIC COMMUNICATION NETWORK GAME

• PROCEDE ET DISPOSITIF D'EXPLOITATION D'UN JEU ELECTRONIQUE EN RESEAU

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIMELIUS, Kim [FI/FI]; Maisterinkatu 1, FIN-33720 Tampere (FI). MATILA, Tuomas [FI/FI]; Jukolankatu, FIN-33560 Tampere (FI).

(74) KURIG, Thomas; Becker, Kurig, Straus, Bavariastrasse 7, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/34

(11) WO 2004/098221 (13) A1

(21) PCT/KR2004/000990

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10-2003-0027885 30 Apr/avr 2003 KR (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR MEASURING AND REPORTING CHANNEL QUALITY IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM

• PROCEDE DE MESURE ET DE SIGNALISATION DE QUALITE DE VOIE DANS UN SYSTEME DE COMMUNICATION SANS FIL A LARGE BANDE

(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, So-Hyun [KR/KR]; #531-1402, Shinan Apt., Yeongtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-470 (KR). KOO, Chang-Hoi [KR/KR]; 2nd floor, 241-8, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR). SON, Jung-Je [KR/KR]; #401-905, 181, Sangnokmaeul Boseong Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR). SON, Yeong-Moon [KR/KR]; #102, Jeongwoovilla, 897-1, Anyang 3-dong Manan-gu, Anyang-si, Gyeonggi-do 430-841 (KR).

(74) KEON-JOO, LEE; Mihwa Bldg. 110-2, Myongryun-dong 4-ga., Chongro-gu, Seoul 110-52 (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 H04Q 7/38

(11) WO 2004/098222 (13) A1

(21) PCT/EP2004/050357

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/427,358 30 Apr/avr 2003 US (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MANAGEMENT OF UPLINK SCHEDULING MODES IN A WIRELESS COMMUNICATION SYSTEM

• GESTION DE MODES D'ORDONNANCEMENT SUR LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) **MOTOROLA INC** [US/US]; 1303 E.Algo-nquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHINNETT, Nicholas** [GB/GB]; Lev-erton House, Marlborough W1 SN8 (GB).
GHOSH, Amitava [US/US]; 3240 Indian Creek Dr, Buffalo Grove, IL 60089 (US).
KUCHIBHOTIA, Ravi [IN/US]; 1093 Smithfield Ct, Gurnee, IL 60031 (US).
LOVE, Robert, T. [US/US]; 817 S Hough St, Barrington, IL 60010 (US).

(74) **MCCORMACK, Derek, J.**; Motorola Eu-ropean Intellectual Property Operations, Mid-point, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098223 (13) A1

(21) PCT/EP2004/050396

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 19 311.1 29 Apr/avr 2003 DE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR OPERATING A RADIO-COMMUNICATION SYSTEM

• PROCEDE POUR FAIRE FONCTION-NER UN SYSTEME DE RADIOCOM-MUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERTRAM, Patricia** [DE/DE]; Pappen-heimstr. 10, 80335 München (DE). **GESS-NER, Christina** [DE/DE]; Wolfratshauser Str. 36, 81379 München (DE). **KLAUSS-NER, Christian** [DE/DE]; Saarlouiser Str. 24, 80997 München (DE). **LAUE, Stephan** [DE/DE]; Pfarrweg 2c, 81539 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 VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 2004/098224 (13) A1

(21) PCT/FR2004/000951

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 0305072 24 Apr/avr 2003 FR (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD FOR CONTROLLING THE TRANSFER OF A MOBILE TELEPHONE SERVICE REQUEST BETWEEN A UMTS NETWORK AND A GSM NETWORK AND CORRESPONDING CONTROL DEVICE

• PROCEDE DE CONTROLE DU TRANS-FERT ENTRE RESEAU UMTS ET GSM D'UNE DEMANDE DE SERVICE EN TELEPHONIE MOBILE ET DISPOSITIF DE CONTROLE CORRESPONDANT

(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) **CHICHMANIAN, Anouch** [FR/FR]; 4 avenue Jean Monnet, F-92130 ISSY LES MOULINEAUX (FR). **SCHOTT, Anne-Jeanne** [FR/FR]; 6 rue amelot, F-75011 PARIS (FR).

(74) **FRECHEDE, Michel** et al. / etc.; Cabi-net 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 VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 7/38, H04B 1/707, H04J 3/00

(11) WO 2004/098225 (13) A1

(21) PCT/JP2003/005331

(22) 25 Apr/avr 2003 (25.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSMITTER FOR ALLOCATING DATA ON RECEIVER SELECTED FROM RECEIVERS TO SHARED CHANNEL AND DATA ALLOCAT-ING METHOD

• EMETTEUR POUR L'ATTRIBUTION A UNE VOIE PARTAGEE DE DONNEES SE TROUVANT SUR UN RECEPTEUR

CHOISI PARMY PLUSIEURS RECEP-TEURS ET PROCEDE D'ATTRIBUTION DE 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) **TANAKA, Atsuya** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TAJIMA, Yoshiharu** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kana-gawa 211-8588 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; HAYASHI, DOI & ASSOCIATES, Toshou-Bldg. No. 3, 3-9-5, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04Q 7/38, H04L 12/56

(11) WO 2004/098226 (13) A1

(21) PCT/JP2003/005538

(22) 30 Apr/avr 2003 (30.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TRANSMISSION BAND ASSIGNING DEVICE

• DISPOSITIF D'ALLOCATION DE BANDE DE TRANSMISSION

(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) **KIMURA, Dai** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **FURUYA, Fumio**; Dai2 Meiho Bldg., 9th Floor, 19-5, Nishishinjuku 1-chome, Shin-juku-ku, Tokyo 160-0023 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04Q 7/38, H04B 1/707

(11) WO 2004/098227 (13) A1

(21) PCT/JP2004/005993

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-122544 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • RADIO COMMUNICATION SYSTEM

• SYSTEME DE RADIOCOMMUNICA-TIONS

(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) SHINOI, Kenichiro

(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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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, H04B 7/216

(11) WO 2004/098228 (13) A1

(21) PCT/KR2004/001017

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10-2003-0028042 1 May/mai 2003 KR (01.05.2003)

(30) 10-2003-0028418 3 May/mai 2003 KR (03.05.2003)

(30) 10-2003-0055373 11 Aug/août 2003 KR (11.08.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SYSTEM AND METHOD FOR GENERATING A PUBLIC LONG CODE MASK IN A MOBILE COMMUNICATIONS SYSTEM

• SYSTEME ET PROCEDE POUR GENERER UN MASQUE DE CODE LONG PUBLIC DANS UN SYSTEME DE COMMUNICATION MOBILE

(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) AN, Jong Hoe [KR/KR]; 971-2 Hokye 3-dong, Dongan-ku, Anyang-shi, Kyonggi-do 431-849 (KR). KYUNG, Chan Ho [KR/KR]; Wookil APT., 104 Naung, Bukye 3-dong, Bupyoung-ku, Incheon 403-806 (KR).

(74) BAHNG, Hae Cheol et al. / etc.; KIMS INTERNATIONAL PATENT & LAW OFFICE, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ 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 H04Q 11/00, H04J 13/00

(11) WO 2004/098229 (13) A1

(21) PCT/CN2003/001084

(22) 18 Dec/déc 2003 (18.12.2003)

(25) zh (26) zh

(30) 03113336.3 25 Apr/avr 2003 CN (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD FOR REALIZING TRANSMITTING QUASI-TOGETHER THE VOICE SERVICE AND DATA SERVICE
• PROCEDE DE TRANSMISSION QUASI-SIMULTANEE DE SERVICE VOCAL ET DE SERVICE DE DONNEES

(71) ZTE CORPORATION [CN/CN]; Zte Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518057 Guangdong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XUE, Yuhong [CN/CN]; Zte Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518057 Guangdong (CN). CHEN, Jiazhou [CN/CN]; Zte Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, 518057 Guangdong (CN).

(74) ZHONGZI LAW OFFICE; 5th Floor, Tower C, Jiancai Building, 11A, Sanlihe Road, 100037 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R

(11) WO 2004/098230 (13) A2

(21) PCT/US2004/011523

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/422,136 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • COMPOSITIONS FOR ACOUSTIC-DAMPING COATINGS

• COMPOSITIONS POUR REVETEMENTS D'ATTENUATION ACOUSTIQUE

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, D-40589 Duesseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LESTARGE, Kevin, J. [US/US]; W168 N5108 Stonefield Road, Menomonee Falls, WI 53051 (US).

(74) HARPER, Stephen, D.; Henkel Corporation, Patent Department, The Triad, Suite 200, 2200 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 H04R 1/02, 1/00, 7/04, 9/02, 9/04

(11) WO 2004/098231 (13) A1

(21) PCT/JP2004/005825

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-122640 25 Apr/avr 2003 JP (25.04.2003)

(30) 2003-172234 17 Jun/juin 2003 JP (17.06.2003)

(30) 2003-309648 2 Sep/sep 2003 JP (02.09.2003)

(30) 2003-358620 20 Oct/oct 2003 JP (20.10.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • FLAT TYPE SPEAKER UNIT, AND ELECTRIC APPLIANCE HAVING THIS UNIT

- HAUT-PARLEUR DE TYPE PLAT, ET APPAREIL ELECTRIQUE INTEGRANT LE HAUT-PARLEUR
- (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) TAKAHATA, Yuki [JP/JP]; 4-4-27-D206, Haizuka, Daito-shi, Osaka 5740043 (JP). KUMITA, Minoru [JP/JP]; 1482-503, Hishie, Higashiosaka-shi, Osaka 5780984 (JP). MARUGAMI, Takashi [JP/JP]; 1-3-1-4, Shimohozumi, Ibaraki-shi, Osaka 5670041 (JP).
- (74) MARUYAMA, Toshiyuki; 10-12, Nakamiya 4-chome, Asahi-ku, Osaka-shi, Osaka 5350003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04R 1/28
- (11) WO 2004/098232 (13) A1
- (21) PCT/DK2004/000276
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) PA 2003 00638 28 Apr/avr 2003 DK (28.04.2003)
- (43) 11 Nov/nov 2004 (11.11.2004)
- (54) • MICROPHONE, HEARING AID WITH A MICROPHONE AND INLET STRUCTURE FOR A MICROPHONE
- MICROPHONE, APPAREIL DE CORRECTION AUDITIVE DOTE D'UN MICROPHONE ET STRUCTURE D'ENTREE POUR MICROPHONE
- (71) OTICON A/S [DK/DK]; Strandvejen 58, DK-2900 Hellerup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BÜRGER, Christian, C. [DK/DK]; c/o Oticon A/S, Strandvejen 58, DK-2900 Hellerup (DK). HANSEN, Jon, Palle [DK/DK]; c/o Oticon A/S, Strandvejen 58, DK-2900 Hellerup (DK). SKOVGAARD, Jørn [DK/DK]; c/o Oticon A/S, Strandvejen 58, DK-2900 Hellerup (DK). SØNDERSTED, Mark, R. [DK/DK]; c/o Oticon A/S, Strandvejen 58, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/40, 3/00, 25/00

(11) WO 2004/098233 (13) A1

(21) PCT/US2004/013012

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 10/424,552 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MICROPHONE ARRAY HAVING A SECOND ORDER DIRECTIONAL PATTERN

• ENSEMBLE DE MICROPHONES PRESENTANT UN DIAGRAMME DE DIRECTIVITE DE SECOND ORDRE

(71) KNOWLES ELECTRONICS, LLC [US/US]; 1151 Maplewood Drive, Itasca, IL 60143 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WARREN, Daniel, Max [US/US]; 726 Lancaster Lane, Geneva, IL 60134 (US).

(74) SITKO, Anthony, G.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 1/44, 1/34, G01F 1/66, G01S 7/52

(11) WO 2004/098234 (13) A1

(21) PCT/JP2003/005436

(22) 28 Apr/avr 2003 (28.04.2003)

(25) ja (26) ja

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ULTRASONIC SENSOR

• CAPTEUR ULTRASONORE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Masahiko [JP/JP]; 2-3-20-104, Okayamahigashi, Shijonawate-shi, Osaka 575-0003 (JP). NAGAHARA, Hidetomo [JP/JP]; 5-1-13-8-304,

Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP). SUZUKI, Masaaki [JP/JP]; 13-25, Suwa 4-chome, Joto-ku, Osaka-shi, Osaka 536-0021 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 5/033, 5/027

(11) WO 2004/098235 (13) A1

(21) PCT/FR2004/001033

(22) 28 Apr/avr 2004 (28.04.2004)

(25) fr (26) fr

(30) 03/05266 29 Apr/avr 2003 FR (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HEADPHONE FOR SPATIAL SOUND REPRODUCTION

• CASQUE ACOUSTIQUE POUR LA RESTITUTION SPATIALE D'UN SON.

(71, 72) PHAM, Hong, Cong, Tuyền [FR/FR]; 21 rue Roger Salengro, F-94460 Valenton (FR). RECHT, Ambroise [FR/FR]; 59 Boulevard Lefebvre, F-75015 Paris (FR).

(74) Duthoit, Michel. et al. / etc.; Conseil en Propriété Industrielle, c/o Bureau Duthoit Legros Associates, 96/98 Boulevard Carnot, Boîte Postale 105, F-59027 Lille 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 H04R 7/02, 31/00

(11) WO 2004/098236 (13) A1

(21) PCT/JP2000/000391

(22) 26 Jan/jan 2000 (26.01.2000)

(25) ja (26) ja

(30) 11/18791 27 Jan/jan 1999 JP (27.01.1999)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • SPEAKER DIAPHRAGM

• MEMBRANE DE HAUT-PARLEUR

(71, 72) **INOUE, Toshihide** [JP/JP]; Onkyo Corporation, 2-1, Nisshin-cho, Neyagawa-shi, Osaka 572-8540 (JP). **ONO, Yushi** [JP/JP]; c/o Onkyo Corporation, 2-1, Nisshin-cho, Neyagawa-shi, Osaka 572-8540 (JP).

(74) **NANJO, Hiromichi**; Okina Building 5th Floor, 2-9, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) US.

Published / Publiée : (e): 15Jul/juil 2003
(15.07.2003), 6591938

(51)⁷ H04R 19/01

(11) WO 2004/098237 (13) A1

(21) PCT/US2004/013011

(22) 28 Apr/avr 2004 (28.04.2004)

(25) en (26) en

(30) 60/466,018 28 Apr/avr 2003 US
(28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • METHOD AND APPARATUS FOR SUBSTANTIALLY IMPROVING POWER SUPPLY REJECTION PERFORMANCE IN A MINIATURE MICROPHONE ASSEMBLY

• PROCEDE ET APPAREIL POUR L'AMELIORATION SENSIBLE D'EFFICACITE DE REJECTION D'ALIMENTATION DANS UNE UNITE DE MICROPHONE MINIATURE

(71) **KNOWLES ELECTRONICS, LLC** [US/US]; 1151 Maplewood Drive, Itasca, IL 60143 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOOR, Steven, E.** [US/US]; 3524 Mason Drive, Plano, TX 75025 (US). **MITCHELL, Frank, R.** [US/US]; 900 S. Washington Avenue, Park Ridge, IL 60068 (US).

(74) **BERGER, Jeffrey, K.**; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 25/00

(11) WO 2004/098238 (13) A2

(21) PCT/EP2004/050639

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de

(30) 103 19 589.0 30 Apr/avr 2003 DE
(30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • REMOTE CONTROL UNIT FOR A HEARING AID

• TELECOMMANDE POUR APPAREIL AUDITIF

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASCHOFF, Stefan** [DE/DE]; Birkenallee 1, 91088 Bubenreuth (DE). **BINDER, Jörg** [DE/DE]; Am Alten Sportplatz, 91085 Weisendorf (DE). **NIEDERDRÄNK, Torsten** [DE/DE]; Kössweg 11, 91056 Erlangen (DE). **WEIDNER, Roland** [DE/DE]; Gartenstr. 3, 96199 Zapfendorf (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 H05B 3/34

(11) WO 2004/098239 (13) A1

(21) PCT/US2003/022577

(22) 18 Jul/juil 2003 (18.07.2003)

(25) en (26) en

(30) 10/422,834 25 Apr/avr 2003 US
(25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • TEXTILE HEATER WITH CONTINUOUS TEMPERATURE SENSING AND HOT SPOT DETECTION

• ELEMENT CHAUFFANT POUR TEXTILES A DETECTION DE TEMPERATURE EN CONTINU ET DETECTION DE POINT CHAUD

(71) **THERMOSOFT INTERNATIONAL CORPORATION** [US/US]; 310 Lexington Drive, Buffalo Grove, IL 60089 (US).

(72) **KOCHMAN, Eric**; 662 Lyons Circle, Highland Park, IL 60035 (US). **KOCHMAN, Dmitry**; 9 Cedar Court, Apt. 8, Vernon Hills, IL 60061 (US).

(74) **STAVISH, Matthew, W.** et al. / etc.; Liniak, Berenato & White, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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

(26) de

PT 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 H05B 3/42, B29C 45/27

(11) WO 2004/098240 (13) A1

(21) PCT/EP2004/004533

(22) 29 Apr/avr 2004 (29.04.2004)

(25) de (26) de

(30) 103 19 215.8 29 Apr/avr 2003 DE
(29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • OPENING FOR A HEATING ELEMENT ON A HOT NOZZLE

• OUVERTURE POUR ELEMENT DE CHAUFFAGE PRATIQUEE SUR UNE BUSE DE CANAL CHAUD

(71, 72) **WOLFF, Hans-Martin** [DE/CH]; En Vevie 110, CH-2825 Courchapoix (CH).

(74) **KATSCHER, Helmut** et al. / etc.; Katscher Habermann, Fröbelweg 1, 64291 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).

Published / Publiée : (c)

(51)⁷ H05B 6/74, 6/72

(11) WO 2004/098241 (13) A1

(21) PCT/JP2004/005889

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-121876 25 Apr/avr 2003 JP
(25.04.2003)

(30) 2003-130370 8 May/mai 2003 JP
(08.05.2003)

(30) 2003-131804 9 May/mai 2003 JP
(09.05.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • HIGH-FREQUENCY HEATING DEVICE AND METHOD FOR CONTROLLING SAME

• DISPOSITIF CHAUFFANT HAUTE FREQUENCE ET PROCEDE DE COMMANDE DUDIT 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) **TAKIZAKI, Takeshi**NOBUE, TomotakaSAKAMOTO, KazuhoMIHARA, Makoto

(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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 33/14, 33/22, C09K 11/06**

(11) **WO 2004/098242** (13) A1

(21) PCT/JP2004/005556

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 2003-125447 **30 Apr/avr 2003 (30.04.2003)** JP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **LIGHT-EMITTING DEVICE**

• DISPOSITIF D'EMISSION DE LUMIERE

(71) **CANON KABUSHIKI KAISHA** [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEGAWA, Toshinori** [JP/JP]; C/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). **SUZUKI, Koichi** [JP/JP]; C/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). **OKAJIMA, Maki** [JP/JP]; C/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). **KIMURA, Toshihide** [JP/JP]; C/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) **OKABE, Masao** et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H05B 37/00**

(11) **WO 2004/098243** (13) A1

(21) PCT/US2004/013140

(22) **27 Apr/avr 2004 (27.04.2004)**

(25) en (26) en

(30) 10/424,345 **28 Apr/avr 2003 (28.04.2003)** US

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **LOAD CONTROL SYSTEMS AND METHODS**

• SYSTEME ET PROCEDE DE COMMANDE DE CHARGE

(71) **COLORADO VNET** [US/US]; 255 East 6th Street, Loveland, CO 80537 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADAMSON, Hugh, P.** [US/US]; 4797 Dorchester Circle, Boulder, CO 80301 (US). **HESSE, Scott** [US/US]; 6491 Ace Ct., Longmont, CO 80503 (US). **NICOLAY, William** [US/US]; 3375 North Taft Avenue, Loveland, CO 80538 (US).

(74) **TRENNER, Mark** et al. / etc.; Trenner Law Firm, LLC, 12081 W. Alameda Pkwy #163, Lakewood, CO 80228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI 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 41/04**

(11) **WO 2004/098244** (13) A1

(21) PCT/EP2004/004064

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) de (26) de

(30) 103 19 511.4 **30 Apr/avr 2003 (30.04.2003)** DE

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **STARTER CIRCUIT HAVING REGULATED STARTING VOLTAGE**

• CIRCUIT D'ALLUMAGE A REGULATION DE LA TENSION D'ALLUMAGE

(71) **TRIDONICATCO GMBH & CO. KG** [AT/AT]; Färbergasse 15, A-6850 Dornbirn (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARBINGER, Kai** [AT/AT]; Alandgasse 4, A-6971 Hard (AT). **PLONER, Roman** [AT/AT]; Flurweg 5, A-6845 Hohenems (AT).

HEIN, Hendrik [AT/AT]; Grünentorgasse 13/6A, A-1090 Wien (AT).

(74) **RUPP, Christian**; Mitscherlich & Partner, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05B 41/292**

(11) **WO 2004/098245** (13) A1

(21) PCT/IB2004/050547

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 03101231.3 **2 May/mai 2003 (02.05.2003)** EP

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • **CIRCUIT ARRANGEMENT**

• MONTAGE DE CIRCUIT

(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 CLERCQ, John, E., K., G.** [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **FEIJEN, Hans, A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BOSMA, Rudolphus, H., 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 **H05H 1/24, 1/46**

(11) **WO 2004/098246** (13) A1

(21) PCT/GB2004/001718

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 0309932.2 **30 Apr/avr 2003 (30.04.2003)** GB

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • APPARATUS AND METHOD FOR FORMING A PLASMA

• APPAREIL ET PROCÉDE POUR FORMER UN PLASMA

(71) **THE BOC GROUP PLC** [GB/GB]; Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEELEY, Andrew, James** [GB/GB]; 5 Wapping Road, Bristol BS1 4RH (GB).

(74) **BOOTH, Andrew, Steven**; The Boc Group plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05K**

(11) **WO 2004/098247** (13) A2

(21) PCT/US2004/007539

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 10/424,601 **28 Apr/avr 2003** US **(28.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRONIC CONTROL MODULE FOR A REMOVABLE CONNECTOR AND METHODS OF ASSEMBLING SAME

• MODULE DE COMMANDE ÉLECTRONIQUE POUR CONNECTEUR AMOVIBLE ET PROCÉDES D'ASSEMBLAGE DE CE DERNIER

(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) **SHEYNIS, Romy** [US/US]; 1224 Chicago Avenue, Evanston, IL 60202 (US). **GUNDERSON, Mark D.** [US/US]; 3565 Ellis Avenue, Gurnee, IL 60031 (US). **RAK, Stanton** [US/US]; 900 Grove Street, Evanston, IL 60201 (US).

(74) **MANCINI, Brian M., et al.** / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05K 1/14, H01R 12/08, 24/04**

(11) **WO 2004/098248** (13) A1

(21) PCT/JP2004/003939

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-125678 **30 Apr/avr 2003** JP **(30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONNECTION STRUCTURE OF PRINTED WIRING BOARD

• STRUCTURE DE CONNEXION POUR CARTE A CABLAGE IMPRIME

(71) **J.S.T. MFG. CO. LTD.** [JP/JP]; 4-8, Minami-Senba 2-chome, Chuo-ku, Osaka-shi Osaka, 5420081 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Shinji**, [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi Kanagawa, 2220001 (JP). **NAKAI, Yoshiyuki**, [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi Kanagawa, 2220001 (JP). **INOUE, Tadashi**, [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi Kanagawa, 2220001 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05K 1/14, H01R 12/08, 24/04**

(11) **WO 2004/098249** (13) A1

(21) PCT/JP2004/003965

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-125677 **30 Apr/avr 2003** JP **(30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONNECTION STRUCTURE OF PRINTED WIRING BOARD

• STRUCTURE DE CONNEXION DE CARTE IMPRIMEE

(71) **J.S.T. MFG. CO., LTD.** [JP/JP]; 4-8, Minami-Senba 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Shinji** [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (JP). **YAMADA, Hideyasu** [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (JP). **FUNAKOSHI, Akihito** [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H05K 1/14, H01R 12/08**

(11) **WO 2004/098250** (13) A1

(21) PCT/JP2004/005855

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-125680 **30 Apr/avr 2003** JP **(30.04.2003)**

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • CONNECTION STRUCTURE FOR PRINTED WIRING BOARD

• STRUCTURE DE CONNEXION DE CARTE IMPRIMEE

(71) **J.S.T. MFG. CO., LTD.** [JP/JP]; 4-8, Minami-Senba 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Shinji** [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). **YAMANE, Hiroshi** [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). **FUNAKOSHI, Akihito** [JP/JP]; c/o Tokyo

Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). MIURA, Kazuto [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP).

(74) SHOBAYASHI, Masayuki et al. / etc.; Ikebukuro City Heights 701, 18-34, Minami-ikebukuro 3-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 1/14, H01R 12/08

(11) WO 2004/098251 (13) A1

(21) PCT/JP2004/005942

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-125676 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRINTED WIRING BOARD CONNECTION STRUCTURE

• STRUCTURE DE CONNEXION DE TABLEAU DE CONNEXIONS IMPRIME

(71) J.S.T. MFG. CO., LTD. [JP/JP]; 4-8, Minami-Senba 2-chome Chuo-ku, Osaka-shi, Osaka 5420081 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UCHIDA, Shinji [JP/JP]; c/o Tokyo Engineering Center J.S.T. Mfg. Co., Ltd. 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (JP). KAJIMOTO, Junya [JP/JP]; c/o Tokyo Engineering Center J.S.T. Mfg. Co., Ltd. 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (JP). FUNAKOSHI, Akihito [JP/JP]; c/o Tokyo Engineering Center J.S.T. Mfg. Co., Ltd. 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (JP).

(74) SHOBAYASHI, Masayuki et al. / etc.; Ikebukuro City Heights 701 18-34, Minami-ikebukuro, 3-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 1/14

(11) WO 2004/098252 (13) A1

(21) PCT/JP2004/005951

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-125679 30 Apr/avr 2003 JP (30.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRINTED WIRING BOARD CONNECTION STRUCTURE

• STRUCTURE DE CONNEXION DE CARTE IMPRIMÉE

(71) J.S.T. MFG. CO., LTD. [JP/JP]; 4-8, Minami-Senba 2-chome, Chuo-ku, Osaka-shi, Osaka 5420081 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UCHIDA, Shinji [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (JP). YAMANE, Hiroshi [JP/JP]; c/o Tokyo Engineering Center, J.S.T. Mfg. Co., Ltd., 4-36, Taru-machi 4-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2220001 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT 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 3/00

(11) WO 2004/098253 (13) A1

(21) PCT/US2004/012704

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/422,515 24 Apr/avr 2003 US (24.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • PRINTED CIRCUIT BOARD MINIMIZING UNDESIRABLE SIGNAL REFLECTIONS IN A VIA AND METHODS THEREFOR

• CARTE DE CIRCUIT IMPRIME MINIMISANT DES REFLEXIONS DE

SIGNAL NON VOULUES DANS UN TROU TRAVERSANT, ET METHODES ASSOCIEES

(71) TERADYNE, INC. [US/US]; Legal Department, Mail Stop H-61, 321 Harrison Avenue, Boston, MA 02118 (US).

(72) KHILCHENKO, Leon, M.; 1029 South Mammoth Road, Unit 14, Manchester, NH 03109 (US). GAILUS, Mark, W.; 221 Beacon Street, Somerville, MA 02143 (US).

(74) HWANG, David, H.; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H05K 3/10, H01B 1/12

(11) WO 2004/098254 (13) A1

(21) PCT/US2004/012320

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/425,005 28 Apr/avr 2003 US (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ARTICLE COMPRISING CONDUCTIVE CONDUIT CHANNELS

• ARTICLE COMPORTANT DES CANAUX DE CONDUITE CONDUCTEURS

(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) KAMINSKY, Cheryl Jane [US/US]; 524 Glenview Court, Webster, NY 14580 (US). BOURDELAIS, Robert Paul [US/US]; 59 Oakshire Way, Pittsford, NY 14534 (US). MAJUMDAR, Debasis [US/US]; 57 Meredith Avenue, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ H05K 3/18, 1/02, H01L 23/02, 33/00

(11) WO 2004/098255 (13) A1

(21) PCT/JP2004/006012

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-121835 25 Apr/avr 2003 JP (25.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • ELECTRIC CIRCUIT AND ELECTRONIC COMPONENT

• CIRCUIT ELECTRIQUE ET COMPOSANT ELECTRONIQUE

(71) SANKO LITE INDUSTRIES CO., LTD. [JP/JP]; 2-29-1, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0051 (JP). SANKO-TEC CO., LTD. [JP/JP]; 6-22-10, Kami-kodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0053 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ITO, Ryo [JP/JP]; 43-106, Nikaido, Kamakura-shi, Kanagawa 248-0002 (JP).

(72, 75) ITO, Jun [JP/JP]; c/o Sanko Lite Industries, Co., Ltd. Sendai Office, 1-6-37, Tsutsujigaoka, Miyagino-ku, Sendai-shi, Miyagi 983-0852 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 H05K 3/18

(11) WO 2004/098256 (13) A1

(21) PCT/SE2004/000606

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0301238-2 29 Apr/avr 2003 SE (29.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • A METHOD FOR PROCESSING A THIN FILM SUBSTRATE

• PROCEDE DE TRAITEMENT D'UN SUBSTRAT MINCE FILM

(71) SENSEAIR AB [SE/SE]; Box 96, S-820 60 DELSBO (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTIN, Hans Göran Evald [SE/SE]; Östansjö 2837, S-820 60 DELSBO (SE). HJORT, Klas Anders [SE/SE]; Martallsvägen 1B, S-756 46 UPPSALA (SE). LINDBERG, Mikael Peter Erik [SE/SE]; Fredsgatan 4A, S-753 13 UPPSALA (SE).

(74) LINDBLOM, Erik, J. et al. / etc.; GROTH & Co. KB, Box 6107, S-102 32 STOCKHOLM (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H05K 3/46

(11) WO 2004/098257 (13) A1

(21) PCT/JP2004/006049

(22) 27 Apr/avr 2004 (27.04.2004)

(25) ja (26) ja

(30) 2003-124460 28 Apr/avr 2003 JP (28.04.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • MULTILAYER PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING SAME

• CARTE IMPRIMEE MULTICOUCHE ET SON PROCEDE DE FABRICATION

(71) NIPPON CARBIDE KOGYO KABUSHIKI KAISHA [JP/JP]; 11-19, Kohnan 2-chome, Minato-ku, Tokyo 108-8466 (JP). NCI ELECTRONICS CO., LTD. [JP/JP]; 11-19, Kohnan 2-chome, Minato-ku, Tokyo 108-8466 (JP). MICRO INTEGRATED CORPORATION [JP/JP]; 535-10, Ohbayashi, Koshigaya-shi, Saitama 343-0021 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KISHIMOTO, Keiichi [JP/JP]; c/o NCI Electronics Co., Ltd., Fukushima Factory, 93, Yokoyama-cho, Sukagawa-shi, Fukushima 962-0041 (JP). NOZAKI, Toshinori [JP/JP]; c/o NCI Electronics Co., Ltd., Fukushima Factory, 93, Yokoyama-cho, Sukagawa-shi, Fukushima 962-0041 (JP). MIURA, Michiaki [JP/JP]; 7-170, Aza Nishida, Nishikawa, Sukagawa-shi, FUKUSHIMA, 9620052 (JP). KIJIMA, Toshiyuki [JP/JP]; c/o NCI Electronics Co., Ltd., Fukushima Factory, 93, Yokoyama-cho, Sukagawa-shi, Fukushima 962-0041 (JP). IWACHIDO, Hiroshi [JP/JP]; c/o Micro Integrated Corporation, 535-10, Ohbayashi, Koshigaya-shi, Saitama 343-0021 (JP).

(74) HATORI, Osamu; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 13/04

(11) WO 2004/098258 (13) A1

(21) PCT/EP2004/050672

(22) 30 Apr/avr 2004 (30.04.2004)

(25) en (26) en

(30) 10319958.6 2 May/mai 2003 DE (02.05.2003)

(30) 10327195.3 17 Jun/juin 2003 DE (17.06.2003)

(43) 11 Nov/nov 2004 (11.11.2004)

(54) • GLUING METHOD AND DEVICE

• PROCÉDÉ ET DISPOSITIF DE COLLAGE

(71) MARCONI COMMUNICATIONS GMBH [DE/DE]; Geberstrasse 33, D-71520 Backnang (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONRATH, Willibald [DE/DE]; Eichendorffweg 17, D-71554 Cottenweiler (DE). SCHOLL, Klaus [DE/DE]; Stressemannstr. 30/5, D-71522 Backnang (DE).

SCHMELCHER, Haiko [DE/DE]; Lindenstr. 365, D-74427 Fichtenberg (DE). GORTZEN, Ralf [DE/DE]; Wachtelgasse 12, D-71546 Aspach-Rietenau (DE). NAHRING, Martin [DE/DE]; Hebbelstr. 5, D-71554 Weissach im Tal (DE). MULLER, Ulf [DE/DE]; Elbestrasse 30, D-71522 Backnang (DE).

(74) COCKAYNE, Gillian et al. / etc.; Marconi Intellectual Property, Crompton Close, Basildon Essex SS14 3BA, Essex SS14 3BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)